PE13-029 NISSAN 7-11-2014 ATTACHMENT A DEALER FIELD REPORTS





ID-Report TL											
ID-Report TL Co	de-Record Tj	vpe TL Desc	Number	-Revision TL 1	Date-0	Open TL 2008	Date-R	evision 1 08	TL Date-Close		
Text-Incd Desc TL											
FUEL GAUGE WI	LL NOT RE	AD FULL						_			
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame				Nan	ne-Caller TL		
117		z -	сниск м	OOREFIE	LD						
Code-Series TL V42	MY Full T	L	Code-Mode	el Line TL	VIN-TL 5N1BV28	UX7N		nstalled 310 SI	Options PLASH GUARDS		
Mileage-Initial TL 0000000	Mileage-C	Current TL	Code-NNA	Model VC	Code-Body	Type TL	N C	C03 50 STATE EMIS VEHICLE G93 E.C. AUTO DIM MIRROR			
Code-Engine Prefix \ VQ35	100000	Engine Serial V		s Type VC	Code-Vehicl	e Color VC	N	/10 M	LOOR MATS		
Name-Plant VC	Date-Man	ufacture VC	Date-In Sei		Code-Distrib	utor TL	F		RUNNING BOARDS		
Canton (NMM) Dir Reti Last VC Code Reg	1/12/200 gion	Name	10/8/2007		USA City	S	v State	V95 C	ARGO COVER		
5165 24 Code-Component TL			AN NISSAN Code-Symp T	L Desc		N C er Mode TL			er Temp TL Desc		
INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED		Cas Deck	emp TL Desc		IT NOT IDE	Category	-incd TL L	Desc	ENTIFIED Date-Incd TL 1/1/0001		
Code-TREAD TL		Flag-FSSS T		Flag-NNA I	nspection TL		A Inspecti	1	Number-Project TI		
Code-Reason For Ca	I TL Desc.	RI	EASONABL	E CALL F	OR ASSIST	ANCE		FI	ag-Attachment TL:		
Flag-Parts Avail N		Date-Parts R	equest TL	Name-Parts	s For TL	Date-Part	ts Recvd	πL	- Date-Parts Shippe		
Text-Solution TL:											
Code-Status TL Desc	2:	A-PENDIN	IG DEALER	FOLLOW	-UP	_					
Text-Dealer Followup M	Comment T	L;									
** CUSTOMER CO - FUEL GAUGE T		AY TO REAL	D FULL AFT	ER FILLIN	G						
** DEALER ACTIC	WWWWWWWWWW	-		-							
** VERIFIED N RE		EMPTS 2_D	AYS DOWN	12							
- TECH REPORTS	REPLACE	ED FUEL SE	NDING UNI	T AND CO	MBINATION	6					
VEHICLE HAS RE		WITH SAME	CUSTOME	R CONCE	RN						



60

** TSS RECOMMENDATION/RESULT:

- RECOMMENDED INTERVIEW CUSTOMER ABOUT POSSIBLY FILLING

TANK WITH IGN ON.

** UPDATE 11/17/08 CHUCK 117

- TECH CALLED REPORTED REPLACED FUEL SENDIND UNITCUSTOMER CALLED BACK

REPORTED FILLED VEHICLE AND GAUGE DID NOT GO OVER 1/2 TANK

- TSS RECOMENDED CHECK RESISTANCE OF FUEL SENDING UNIT DURING INCIDENT.





ID-Report TL							
ID-Report TL Co	de-Record Type TL De	sc Numbe	r-Revision TL	Date-C	Open TL	Date-Revision	TL Date-Close TL
	MINI		2	5/4/20	009	2/3/14	2/3/14
Text-Incd Desc TL							
MIL P0462 FUEL	LEVEL SEN/CIR LO	w					
Code-TSS1 TL		Code-TSS1 TL N	lame			Na	ame-Caller TL
114		Z - ADAM CR	Now				
Code-Series TL	MY Full TL	Code-Mod	lel Line TL	VIN-TL	19.5	Installed	d Options
V42	2007	QST		5N1BV28	U07N		SPLASH GUARDS
Mileage-Initial TL	Mileage-Current TL	Code-NNA	Model VC	Code-Body T	Type TL	C03 (VEHICL	50 STATE EMISSION
0000000	059847	10317		1.000			LOOR MATS
Code-Engine Prefix V	C Number-Engine Ser	ial VC Code-Tran	is Type VC	Code-Vehicle	e Color VC		SEAT PACKAGE
VQ35	626695	A		K11		W95	CARGO COVER
Name-Plant VC	Date-Manufacture V	C Date-In Se	ervice TL	Code-Distrib	utor TL		
Canton (NMM)	9/8/2006	12/21/20	06	USA			
Dir Reti Last VC							
Code Reg	ion Name			City	Sta	te	
1847 24	CONTI	NENTAL MOT	ORS INC	COUNTRYS	BIDE		
Serv Dir TL Code Reg 2160 24	gion Name MID CI	TY NISSAN, IN		City CHICAGO	Sta	te	
Code-Component TL	Desc	Code-Symp 1	TL Desc	Code-Ope	r Mode TL De	esc Code-O	per Temp TL Desc
FUEL PUMP - GA	s	CHECK EN	GINE LIGHT		NTIFIED	NOT IE	DENTIFIED
Code-Amb Humidity		nb Temp TL Desc ENTIFIED	Code-Prob F	Freq TL Desc	Category-In	ICC TL Desc	Date-Incd TL 1/1/0001
Code-TREAD TL	Flag-FS	SS TL	Flag-NNA In	spection TL	Date-NNA I	nspection Flag	Number-Project TL
07	N		N	a second	5/4/2009		7K
Code-Reason For Ca	II TL Desc	REASONABI	LE CALL FO	R ASSISTA	NCE	1	Flag-Attachment TL: N
Flag-Parts Avail		ts Request TL	Name-Parts		Date-Parts	1 h Maria	Date-Parts Shipped TL
N	1/1/01				1/1/01	a contractor	1/1/01
Text-Solution TL:		D DURING SFE	C MIGRATI	ON	1		1.0.00
Code-Status TL Desc		SED (RESOLV					
Text-Dealer Followup	Contract of the second s		-1				
M	- Sumon FL.						
** CUSTOMER CO	MMENT:						
-CHECK ENGINE							
	N/OBSERVATION						
	PAIR ATTEMPTS 1		N 1				
	LEVEL SEN/CIR L						
	INTERMITTENTLY						
T DEL GAUGE IS	INTERMITTENTLY	NOF					





-CALLING FOR ASSISTANCE

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-ADVISED TECH TO CHECK VOLTAGE TO THE SENDER

** CUSTOMER COMMENT:-CHECK ENGINE LIGHT IS ON** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR

W-FUEL GAUGE IS INTERMITTENTLY INOP-CALLING FOR ASSISTANCE** TSS RECOMMENDATION/RESULT:-ADV

D**UPDATE 5/18/09 ADAM 114-TECH CALLED- TECH CALLED- REPLACED THE SENDING UNIT WITH NO CHANGE

SENDING UNIT AND COMPARETO THE VOLTAGE AT PIN 6 AT THE METER-ADVISED TO CHECK VOLTAGE AT PIN

-TECH CALLED- TECH CALLED- REPLACED THE SENDING UNIT WITH NO CHANGE TO

CONCERN

*UPDATE 5/18/09 ADAM 114-TECH CALLED -FOUND VOLTAGE AT PIN 6 AT THE METER WAS 2.73 VOLTSCONSTA

-ADVISED TECH TO CHECK VOLTAGE AT PIN 2 AT THE SENDING UNIT AND COMPARE

R ONDATA MONITOR WERE CHANGING-ADVISED TECH TO REPLACE THE METER

TO THE VOLTAGE AT PIN 6 AT THE METER

-ADVISED TO CHECK VOLTAGE AT PIN 5 OF THE SENDING UNIT AND COMPARE TO

PIN 6 4 AT THE METER

**UPDATE 5/18/09 ADAM 114

-TECH CALLED -FOUND VOLTAGE AT PIN 6 AT THE METER WAS 2.73 VOLTS

CONSTANT WHILE THE FUEL LEVEL GAUGE WAS CHANGING, AND THE LITER ON

DATA MONITOR WERE CHANGING

-ADVISED TECH TO REPLACE THE METER





Date-Record Type TL Desc Number-Revision TL Date-Revision TL <th>ARDS NISSION R</th>	ARDS NISSION R
Text-Ined Desc TL P0462 NEW FUEL PUMP MODULE Code-TSS1 TL Name Name-Caller TL Code-TSS1 TL Name Name-Caller TL 119 Z - JEFF WYATT Code-Series TL MY Full TL Code-Model Line TL VIN-TL Installed Options V42 2007 QST SN1BV28U7TN Mileage-Initial TL Mileage-Current TL Code-NNA Model VC Code-Body Type TL Di SPLASH GU/CO 30 50 STATE EM Mileage-Initial TL Mileage-Current TL Code-Inns Type VC Code-Body Type TL Di SPLASH GU/CO 30 50 STATE EM Code-Engine Prefix VC Number-Engine Serial VC Code-Trans Type VC Code-Vehicle Color VC Soft Prefix VC VQ35 626930 A BW9 Name-Plant VC Date-In Service TL Code-Distributor TL Code Region Name Code Amufacture VC Date-In Service TL Code-Oper Mode TL Desc Code-Oper Mode TL Desc <td< td=""><td>ARDS NISSION R</td></td<>	ARDS NISSION R
P0462 NEW FUEL PUMP MODULE Code-TSS1 TL Name Name-Caller TL 109 Z - JEFF WYATT Tode-Series TL MY Full TL Code-Model Line TL VIN-TL Totale Options V42 2007 QST SNIBV28U77N Mileage-Current TL Code-NNA Model VC Code-Body Type TL Bitaled Options Mileage-Current TL Code-NNA Model VC Code-Body Type TL Bitaled Options Code-Engine Prefix VC Nume-Caller VC QST STATE EN Code-Engine Prefix VC Nume-Caller VC QCde-Engine Prefix VC Code-Ananufacture VC Date-In Service TL Code-Ditatibutor TL Code Ananu Mascure VC Date-In Service TL Code-Oper Mode TL Desc<	ARDS IIISSION R
Code-TSS1 TL Code-TSS1 TL Name Name-Caller TL 119 Z - JEFF WYATT Installed Options V42 2007 QST SN1BV28U77N Wileage-Initial TL Mileage-Current TL Code-NiNA Model VC Code-Body Type TL 0000000 097629 10317 Installed Options Code-Engine Prefix VC Number-Engine Serial VC Code-Trans Type VC Code-Vehicle Color VC VQ35 626930 A BW9 Installed Options Name-Plant VC Date-Manufacture VC Date-In Service TL Code-Distributor TL Soft Code Region Name City State Serv Dir TL Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Amb Humildity TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Amb Humildity TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Amb Humildity TL Desc Code-Amb Temp TL Desc Code-Oper Temp TL NOT IDENTIFIED Code-Amb Humildity TL Desc	ARDS IIISSION R
119 Z - JEFF WYATT Code-Series TL MY Full TL Code-Model Line TL VIN-TL Installed Options V42 2007 QST SN1BV28U77N Installed Options Mileage-Initial TL Mileage-Current TL Code-NINA Model VC Code-Body Type TL UN-TL 0000000 097629 10317 UN-TL Installed Options Code-Engine Prefix VC Number-Engine Serial VC Code-Trans Type VC Code-Vehicle Color VC VQ35 626930 A BW9 Installed Options Name-Plant VC Date-Manufacture VC Date-In Service TL Code-Distributor TL State Code Region Name City State State Serv Dir TL Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Amb Humidity TL Desc Code-Amb Temp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Amb Humidity TL Desc Code-Amb Temp TL Desc Code-Oper Mode TL Desc Date-Ind TL NOT IDENTIFIED NOT IDENTIFIED NOT IDENTIFIED	ARDS IIISSION R
Code-Series TL MY Full TL Code-Model Line TL VIN-TL Installed Options V42 2007 QST SN1BV28U77N B10 SPLASH GUA Mileage-Initial TL Mileage-Current TL Code-NNA Model VC Code-Body Type TL L92 FLOOR MATS 0000000 097629 10317 Code-Vehicle Color VC STATE EM 0000000 097629 10317 Code-Vehicle Color VC State 0000000 097629 A BW9 State State 0000000 Date-Manufacture VC Date-In Service TL Code-Distributor TL State 01r Reti Last VC Code Region Name City State 03663 44 CORONA NISSAN CORONA CA Code-Oper Mode TL Desc Code-Oper Temp TL Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL NOT IDENTIFIED NOT IDENTIFIED NOT IDENTIFIED Code-Amb Humidity TL Desc Code-Amb Temp TL Desc Code-Oper Freq TL Desc Category-Incd TL Desc Date-Incd T NOT IDENTIFIED NOT IDENTIFIED NOT IDENTIFIED Date-Incd TL </td <td>IISSION R</td>	IISSION R
V42 2007 QST SN1BV28U77N B10 SPLASH GU/ C03 50 STATE EN VEHICLE Mileage-Initial TL Mileage-Current TL Code-NINA Model VC Code-Body Type TL B10 SPLASH GU/ VEHICLE 0000000 097629 10317 Code-Body Type TL B10 SPLASH GU/ VEHICLE 0000000 097629 10317 Code-Body Type TL B10 SPLASH GU/ VEHICLE Code-Engine Prefix VC Number-Engine Serial VC Code-Trans Type VC Code-Vehicle Color VC B10 SEAT PACKA VQ35 626930 A BW9 BW9 BW9 BV Seat PACKA Name-Plant VC Date-Manufacture VC Date-In Service TL Code-Distributor TL Seat PACKA Code Region Name City State State 3663 44 CORONA NISSAN CORONA CA Code-Oper Mode TL Desc Code-Oper Temp TL Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL NOT IDENTIFIED Code-Amb Humidity TL Desc Code-Amb Temp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Date-Innet TL Desc	IISSION R
Mileage-Initial TL Mileage-Current TL Code-NNA Model VC Code-Body Type TL VEHICLE 0000000 097629 10317 Code-Body Type TL L92 FLOOR MATS Code-Engine Prefix VC Number-Engine Serial VC Code-Trans Type VC Code-Vehicle Color VC Sol SEAT PACKA VQ35 626930 A BW9 State Sol SEAT PACKA Name-Plant VC Date-Manufacture VC Date-In Service TL Code-Distributor TL Sol SEAT PACKA Code Region Name City State State State 3663 44 CORONA NISSAN CORONA Code-Oper Mode TL Desc Code-Oper Temp TL Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Serv Dir TL Code-Amb Humidity TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Component TL Desc Code-Amb Temp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Amb Humidity TL Desc Code-Amb Temp TL Desc Code-Oper Freq TL Desc Category-Incd TL Desc Date-Incd T NOT IDENTIFIED NOT IDENTIFIED<	R
Code-Engine Prefix VC Number-Engine Serial VC Code-Trans Type VC Code-Vehicle Color VC VQ35 626930 A BW9 Name-Plant VC Date-Manufacture VC Date-In Service TL Code-Distributor TL Code-Distributor TL Canton (NMM) 9/7/2006 1/1/2007 USA State Dir Reti Last VC Code Region Name City State 3663 44 CORONA NISSAN CORONA State Serv Dir TL Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Gode-Component TL Desc Code-Amb Temp TL Desc Code-Prob Freq TL Desc Code-Oper Mode TL Desc Date-Incd T Code-Amb Humidity TL Desc Code-Amb Temp TL Desc Code-Prob Freq TL Desc Category-Incd TL Desc Date-Incd T NOT IDENTIFIED NOT IDENTIFIED NOT IDENTIFIED Date-Incd T NOT IDENTIFIED 1/1/0001 Code-TREAD TL Flag-FSSS TL Flag-ANA Inspection TL Date-NNA Inspection Flag Number-Proc	
Name-Plant VC Date-Manufacture VC Date-In Service TL Code-Distributor TL Canton (NMM) 9/7/2006 1/1/2007 USA Dir Reti Last VC City State Code Region Name City State 3663 44 CORONA NISSAN CORONA State Serv Dir TL Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Component TL Desc Code-Armb Humidity TL Desc Code-Armb Temp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Armb Humidity TL Desc Code-Armb Temp TL Desc Code-Prob Freq TL Desc Category-Incd TL Desc Date-Incd T NOT IDENTIFIED NOT IDENTIFIED Flag-FSSS TL Flag-NNA Inspection TL Date-NNA Inspection Flag Number-Procement	
Dir Retil Last VC City State Code Region Name City State 3663 44 CORONA NISSAN CORONA Serv Dir TL Serv Dir TL Code Region Name City State 3663 44 CORONA NISSAN CORONA State State 3663 44 CORONA NISSAN CORONA CA 3663 44 CORONA NISSAN CORONA CA 3663 44 CORONA NISSAN CORONA CA Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL EMISSIONS CONTROL Code-Armb Temp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL Code-Armb Humidity TL Desc Code-Armb Temp TL Desc Code-Prob Freq TL Desc Category-Incd TL Desc Date-Incd T NOT IDENTIFIED NOT IDENTIFIED NOT IDENTIFIED 1/1/0001 Code-TREAD TL Flag-FSSS TL Flag-NNA Inspection TL Date-NNA Inspection Flag Number-Pro	
3663 44 CORONA NISSAN CORONA Serv Dir TL Serv Dir TL Code Region Name City State 3663 44 CORONA NISSAN CORONA CA 3663 44 CORONA NISSAN CORONA CA Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL EMISSIONS CONTROL Code-Amb Humidity TL Desc Code-Amb Temp TL Desc Code-Prob Freq TL Desc Category-Incd TL Desc Date-Incd T NOT IDENTIFIED NOT IDENTIFIED NOT IDENTIFIED 1/1/0001 Code-TREAD TL Flag-FSSS TL Flag-NNA Inspection TL Date-NNA Inspection Flag Number-Procestion	
Serv Dir TL Code Region Name City State 3663 44 CORONA NISSAN CORONA CA Code-Component TL Desc Code-Symp TL Desc Code-Oper Mode TL Desc Code-Oper Temp TL EMISSIONS CONTROL CHECK ENGINE LIGHT NOT IDENTIFIED NOT IDENTIFIED Code-Amb Humidity TL Desc Code-Amb Trmp TL Desc Code-Prob Freq TL Desc Category-Incd TL Desc Date-Incd T NOT IDENTIFIED NOT IDENTIFIED NOT IDENTIFIED 1/1/0001 Code-TREAD TL Flag-FSSS TL Flag-NNA Inspection TL Date-NNA Inspection Flag Number-Procest	
Code-TREAD TL Flag-FSSS TL Flag-NNA Inspection TL Date-NNA Inspection Flag Number-Pro	
N 18/9/2010 /K	ject TL
Code-Reason For Call TL Desc: REASONABLE CALL FOR ASSISTANCE Flag-Attachme Flag-Parts Avail Date-Parts Request TL Name-Parts For TL Date-Parts Recvd TL Date-Parts Recvd TL N 1/1/01 1/1/01 1/1/01 1/1/01	10.1110
Text-Solution TL: CLOSED DURING SFDC MIGRATION	
Code-Status TL Desc: F- CLOSED (RESOLVED)	
Text-Dealer Followup Comment TL:	
** CUSTOMER COMMENT: -CHECK ENGINE LIGHT.	
** DEALER ACTION/OBSERVATION:	
** VERIFIED Y REPAIR ATTEMPTS 2_ DAYS DOWN 1	
-MILP0462 FUEL LEVEL SEN/CIR LOW(7K) -FUEL PUMP MODULE REPLACED PREVIOUSLY FOR SAME DTC, NO CHANGE.	





-FUEL GAUGE WILL GO TO EMPTY AS IF CIRCUIT IS OPEN.

Created by Jeff Wyatt at 2014-02-02 17:00:00

Created by Jeff Wyatt at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-CHECK WIRING BETWEEN 2ND AND 3RD ROW SEATS FOR INTERMITTENT OPEN.

** CUSTOMER COMMENT:-CHECK ENGINE LIGHT.** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTE

K)-FUEL PUMP MODULE REPLACED PREVIOUSLY FOR SAME DTC, NO CHANGE.-FUEL GAUGE WILL GO TO EM

CK WIRING BETWEEN 2ND AND 3RD ROW SEATS FOR INTERMITTENT OPEN.





ID-Report TL			-							
ID-Report TL Code		rpe TL Desc	Number	-Revision TL 0	Date-0	Open TL 2010	Date-Revisio	in TL	Date-Close TL 2/3/14	
Text-Incd Desc TL										
MIL ON P0463 FUE	L LEVEL	SEN/CIR								
Code-TSS1 TL		Code-	TSS1 TL Na	ame			A	lame-	Caller TL	
237		z - c	HRIS O'	CONNOR						
Code-Series TL	MY Full T		Code-Mode	el Line TL	VIN-TL		Installe	ed Op	tions	
V42	2007		QST		5N1BV28	U77N	B10		ASH GUARDS	
Mileage-Initial TL 0000000	Mileage-C	urrent TL	Code-NNA 10317	Model VC	Code-Body 1	Type TL		VEHICLE L92 FLOOR MATS		
Code-Engine Prefix VC	Number-E	ingine Serial VC	Code-Trans	s Type VC	Code-Vehick	e Color VC	S01 V01 W95	SEA DVD	T PACKAGE SINGLE SCREEN GO COVER	
Name-Plant VC		ufacture VC	Date-In Ser	rvice TL	Code-Distrib	utor TL	1000			
Canton (NMM)	9/12/200		10/8/2006		USA	C. C				
Dir Reti Last VC Code Regiu 3979 44		Name NISSAN OF			City SANTA ROS	- F	late			
Code Regi 3979 44 Code-Component TL L		Name NISSAN OF	SANTA R		City SANTA RO Code-Ope		1	Oper 1	Temp TL Desc	
INSTRUMENTS &	GAUGES	c	HECK ENG	GINE LIGH	T NOT IDE	NTIFIED	NOT	DEN	TIFIED	
Code-Amb Humidity T	L Desc	Code-Amb Ter		Code-Prob	Freq TL Desc	Category-	Incd TL Desc		te-Incd TL 1/0001	
Code-TREAD TL		Flag-FSSS TL		Flag-NNA I	nspection TL	Date-NNA	Inspection Fla	ag Nu	mber-Project TL	
11		N	_	N		11/4/201	0	71		
Code-Reason For Call	TL Desc:	RE	ASONABL	E CALL FO	OR ASSISTA	ANCE		Flag-	Attachment TL: N	
Flag-Parts Avail N		Date-Parts Rec 1/1/01	quest TL	Name-Parts	s For TL	Date-Parts	Recvd TL		ite-Parts Shipped TL	
Text-Solution TL:		CLOSED DU	RING SFD	C MIGRAT	ION					
Code-Status TL Desc:		F- CLOSED	RESOLVE	ED)						
Text-Dealer Followup	Comment T	L								
** CUSTOMER CO	MMENT:			8.29						
FUEL GAUGE REA	DS EMPT	Y AND CHEC	K ENGINI	E LIGHT O	N					
** DEALER ACTIO ** VERIFIED Y REF FUEL SENDER PR	PAIR ATTE	EMPTS 2_DA			PLACED YE	STERDA	<i>r</i> .			



GAUGE IS READING EMPTY, BUT NEEDLE PASSES THE SWEEP TEST.

P0463 FUEL LEVEL SEN/CIR HIGH (7L)

C1729 VEHICLE SPEED SIGNAL ERROR (CE9)

U1000 CAN COMM CIRCUIT (10)

C1729 VEHICLE SPEED SIGNAL ERROR (CE9)

C1711 NO DATA REAR LEFT (CD1)

C1707 FLAT/LOW TIRE REAR LEFT (CC7)

ONLY P0462 RECODES. GAUGE WILL READ CORRECTLY AFTER GAUGE SWEEP.

TEST DROVE 10MILES AND WORKED NORMALLY. SHIPPED CAR AND CONCERN RETURNS.

** TSS RECOMMENDATION/RESULT:

SWAP COMBINATION METER WITH KGV





ID-Report TL	FI1073	3387								0		
ID-Report TL Con FI1073387		ype TL Desc MINI	Number	-Revision TL 0	Date-C)pen TL 1011	Date- 2/3/1	Revision 4	TL	Date-Close TL 2/3/14		
Text-Incd Desc TL												
FUEL GUAGE SP	IKES TO F	ULL AT TIM	ES									
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame				Nai	me-Ca	aller TL		
128		z -	DAVID BL	UNKALL				_				
Code-Series TL V42	MY Full 7 2007	1	Code-Mode	el Line TL	VIN-TL 5N1BV28	U27N		890.0	PLAS	H GUARDS		
Mileage-Initial TL 0000000	Mileage-0	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	1	C03 50 STATE EMIS VEHICLE K69 HOMELINK CAI L92 FLOOR MATS M10 MICROFILTER P01 SL UPGRADE PACKAGE S01 SEAT PACKAG V01 DVD SINGLE SI W95 CARGO COVE		LINK CARD		
Code-Engine Prefix V		Engine Serial V		s Type VC	Code-Vehicle	e Color VC				M10 MICROFILTER P01 SL UPGRADE PACKAGE		FILTER
Name-Plant VC Canton (NMM)	Date-Mar 2/2/2007	nufacture VC	Date-In Ser 3/26/2007		Code-Distribi	utor TL				INGLE SCREEN		
Dir Reti Last VC Code Reg 2855 34	lion	Name EAST TEN	NESSEE NI		City MORRISTO		State					
2855 34 Code-Component TL INSTRUMENTS &			INESSEE N Code-Symp Tr GAUGES/W	L Desc	Code-Ope	r Mode TL	Desc	Code-Op		mp TL Desc		
Code-Amb Humidity		1	emp TL Desc			1		Desc		-Incd TL		
Code-TREAD TL		Flag-FSSS 7 N	L	Flag-NNA In N	spection TL	Date-NN/ 1/17/201		tion Flag	Num	ber-Project TL		
Code-Reason For Ca	II TL Desc:	R	EASONABL	E CALL FO	R ASSISTA	NCE		F	lag-At	tachment TL: N		
Flag-Parts Avail N		Date-Parts R	equest TL	Name-Parts	For TL	Date-Part 1/1/01	ts Recvo	I TL	Date 1/1/(-Parts Shipped TL 01		
Text-Solution TL:		CLOSED D	URING SFD	C MIGRAT	ION							
Code-Status TL Desc		F- CLOSED	(RESOLVE	D)								
Text-Dealer Followup	Comment 1	rL:										
a designation of the	MARACAIT	-					_					
** CUSTOMER CO - FUEL GAUGE S		FULL AT TI	MES									
** DEALER ACTIO	and the local designs											
** VERIFIED Y RE			AYS DOWN	1 1								
- TECH STATES (TER							
- TECH STATES S												
- ILON OTATES S	JUL LUIS		COD-MARN	200								





- CALLING FOR DATA SEARCH

Created by David Blunkall at 2014-02-02 17:00:00

Created by David Blunkall at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- FUEL GAUGE SPIKES TO FULL AT TIMES** DEALER ACTION/OBSERVATION:** VERIFI

- LOAD TEST HARNESS

TECH REPLACED SENDERS ANS METER- TECH STATES SUSPECTS SHORT IN SUB-HARNESS- CALLING FOR DA





ID-Report TL										
ID-Report TL Coo		ype TL Desc	Number	-Revision TL 2	Date-C	Open TL	Date-Revision	n TL	Date-Close TL 2/3/14	
Taxt Inad Daga TI			_	-	0/20/2	.011	2/0/14	-	2/0/14	
Text-Incd Desc TL SES LT ON P0462										
	NEW SER		T004 71 M					0		
Code-TSS1 TL			TSS1 TL N				N	ame-C	aller TL	
134			DKITTS	and the second			Installe	d Optio	ons	
Code-Series TL V42	MY Full T 2007	L	Code-Mode	el Line TL	VIN-TL 5N1BV28	U67N	B10	SPLA	SH GUARDS	
Mileage-Initial TL 0000000	<i>Mileage-C</i> 099980	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	VEHIC L92	VEHICLE L92 FLOOR MATS M10 MICROFILTER S01 SEAT PACKAGE V01 DVD SINGLE S0		
Code-Engine Prefix V VQ35	C Number-E	Engine Serial VC		s Type VC	Code-Vehicle	e Color VC	S01			
Name-Plant VC		ufacture VC	A Date-In Sei	rvice TL	Code-Distrib	utor TL				
Canton (NMM)	5/18/200	6	7/8/2006		USA					
Dir Reti Last VC										
Code Reg	ion	Name			City		ate			
3939 32		NISSAN OF	MCKINNE	ΞŶ	MCKINNEY					
Code Reg 3939 32 Code-Component TL		Name NISSAN OF	MCKINNE		City MCKINNEY Code-Ope)per Te	emp TL Desc	
EMISSIONS CON		Code-Amb Te		GINE LIGH			NOT II	1	IFIED	
NOT IDENTIFIED		NOT IDENT	FIED			NOT IDE	NTIFIED	1/1/	0001	
Code-TREAD TL		Flag-FSSS TL		Flag-NNA II	nspection TL	Date-NNA	Inspection Fla	g Num	ber-Project TL	
06		N		N		3/23/201	1	74		
Code-Reason For Ca	II TL Desc:	RE	ASONABL	E CALL FO	OR ASSISTA	NCE		Flag-A	ttachment TL: N	
Flag-Parts Avail N		Date-Parts Rei 1/1/01	quest TL	Name-Parts	s For TL	Date-Parts	Recvd TL	Date 1/1/	e-Parts Shipped TL	
and a summer of		CLOSED DU			ION	171101		100		
Text-Solution TL:		F- CLOSED DO								
Code-Status TL Desc	Same la		RESULVE	-0)						
Text-Dealer Followup M	Comment 1	L								
** CUSTOMER CO - C-STS SES LT O										
** DEALER ACTIC	and the state of the	VATION:								
** VERIFIED Y RE			YSDOW	11						
- TECH REPORTS					OW (7K)					
- VEHICLE WAS II	N FOR CO	DE AND FUE	L GAUGE	NOT READ		ER FUEL				



LEVEL

- TECH REPLACED FUEL SENDING UNIT TANK IS FILLING PROPER AND FUEL

GAUGE IS READING PROPERLY BUT THE P0462 CODE HAS RETURNED AFTER

CUSTOMER FILLED VEHICLE

Created by Allen Wendell at 2014-02-02 17:00:00

Created by Allen Wendell at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- C-STS SES LT ON** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEMPT

- TSS RECOMMENDED TECH TO VERIFY PROPER GROUND LEVEL AT COMBOMETER

L SEN/CIR LOW (7K)- VEHICLE WAS IN FOR CODE AND FUEL GAUGE NOT READING PROPER FUELLEVEL- TE

- TSS ALSO FOUND REPORT ON CHECKING CIRCUITS BETWEEN THE 2ND AND 3RD

D FUELGAUGE IS READING PROPERLY BUT THE P0462 CODE HAS RETURNED AFTERCUSTOMER FILLED VEHIC ROW SEATS FOR POSSIBLE OPEN CIRCUIT

IFY PROPER GROUND LEVEL AT COMBOMETER- TSS ALSO FOUND REPORT ON CHECKING CIRCUITS BETWEE ** UPDATE 3/30/11 117

3/30/11 117- TECH CALLED REPORTED ADDED REDUNDANT GROUND NO CHANGE- NO VOLTAGE AT PIN 2 OF S

- TECH CALLED REPORTED ADDED REDUNDANT GROUND NO CHANGE

- NO VOLTAGE AT PIN 2 OF SENSDING UNIT WHEN INCIDENT HAPPENS

OLTAGE AT CONNECTORS B251/B148 AND B104/M114DURING INCIDENT.** UPDATE 4/7/2011 DEALER CALLING

TO FIND THAT WHEN THE FUEL TANK ISFULL THE VOLTAGE IS .48 AT THE METER AND THE TANK.-THE WIRING

- TSS RECOMENDED CHECK VOLTAGE AT CONNECTORS B251/B148 AND B104/M114

DURING INCIDENT.

ISED IF THE FUEL LEVEL SENSOR RESISTANCE AT THE METER CHECKSGOOD THE METER WOULD BE SUSPEC

** UPDATE 4/7/2011 DEALER CALLING BACK ** TSS 101 - A. W.

-THE TECH DUPLICATED THE CONCERN TO FIND THAT WHEN THE FUEL TANK IS

FULL THE VOLTAGE IS .48 AT THE METER AND THE TANK.

-THE WIRING HAS NO SHORTS TO GROUND.

-LOOKING FOR POSSIBILITES.

-ADVISED IF THE FUEL LEVEL SENSOR RESISTANCE AT THE METER CHECKS

GOOD THE METER WOULD BE SUSPECT.





ID-Report TL									
ID-Report TL Code	e-Record Type TL Desc MINI	Number	r-Revision TL	Date-0	open TL 011	Date-Revision 2/3/14	TL Date-Close TL		
Text-Incd Desc TL									
NARA METERS AND AND	PMP ASSY REPLAC	ED							
Code-TSS1 TL		e-TSS1 TL N	ame			Ne	ame-Caller TL		
134		ED KITTS							
Code-Series TL	MY Full TL	Code-Mode		VIN-TL		Installed	d Options		
V42	2007	QST		5N1BV28	U17N	B10	SPLASH GUARDS		
Mileage-Initial TL 0000000	Mileage-Current TL 143566	Code-NNA	Model VC	Code-Body T	ype TL	VEHICL F95 (50 STATE EMISSION LE CARGO ORGANIZER FLOOR MATS		
Code-Engine Prefix V(Number-Engine Serial V 588143	C Code-Tran	s Type VC	Code-Vehicle	e Color VC		SEAT PACKAGE		
Name-Plant VC	Date-Manufacture VC	Date-In Se		Code-Distribu	utor TI	1.00			
Canton (NMM)	6/7/2006	8/26/2006		USA	nor TL				
Dir Reti Last VC	0///2000	0/20/2000		054	-				
Code Regin 1880 26		ON NISSA		City FLEMINGTO		ate			
08053 26 Code-Component TL L EMISSIONS CONT	Desc	ATER NISS Code-Symp T CHECK EN			r Mode TL D	esc Code-O	per Temp TL Desc		
Code-Amb Humidity Ti	L Desc Code-Amb T		Code-Prob F	Freq TL Desc	Category-II	ncd TL Desc	Date-Incd TL 1/1/0001		
Code-TREAD TL	Flag-FSSS 1	1	Flag-NNA In	spection TL	Date-NNA	Inspection Flag	g Number-Project TL		
06	N		N	A MILLION CO	5/16/2011		7K		
Code-Reason For Call	TL Desc: R	EASONABL	E CALL FO	R ASSISTA	NCE		Flag-Attachment TL: N		
Flag-Parts Avail N	Date-Parts R	equest TL	Name-Parts	For TL	Date-Parts	Recvd TL	Date-Parts Shipped To		
Text-Solution TL:	1.000		C MIGRAT	ION	IN NOT		in the last		
Code-Status TL Desc:		(RESOLVE	1.5 MILEN 1.6 MI						
Text-Dealer Followup	and a second	INLOOLVE	-0/						
M	Gomment TL.								
** CUSTOMER CO	MMENT:								
- CUSTOMER STAT	TES RUEL GAUGE D	ROPS TO E	MPTY SES	LT ON					
** DEALER ACTIO	N/OBSERVATION:								
** VERIFIED N REF	PAIR ATTEMPTS 2_ D	AYS DOW	N 1						
- TECH REPORTS	FUEL PUMP ASSEM	BLY WITH S	SENDING U	NIT WAS RE	EPLACED	FOR			
FUEL GAUGE DRO	PPING TO EMPTY A	ND SES LT	ON.						





- VEHICLE HAS RETURNED WITH SAME INCIDENT AND CAME CODE

- TECH WANTED POSSIBLE CAUSE

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- CUSTOMER STATES RUEL GAUGE DROPS TO EMPTY SES LT ON** DEALER ACTION/

- TSS RECOMMENDED TECH TO CHECK CIRCUITS BETWEEN 2ND AND 3RD ROW SEAT

CH REPORTS FUEL PUMP ASSEMBLY WITH SENDING UNIT WAS REPLACED FORFUEL GAUGE DROPPING TO E

- IF NO OPEN OR SHORT FOUND, INCIDENT MAY BE COMBO METER RELATED.

ND CAME CODE- TECH WANTED POSSIBLE CAUSE** TSS RECOMMENDATION/RESULT:- TSS RECOMMENDED T OR SHORT FOUND, INCIDENT MAY BE COMBO METER RELATED.





ID-Report TL									
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revisior	n TL	Date-Close TL
	1			0	6/27/2	011	2/3/14		2/3/14
Text-Incd Desc TL									
P0462 FUEL LEVE	EL SEN/CI	RLOW							
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame			N	ame-C	aller TL
237		z.	CHRIS O'C	CONNOR					
Code-Series TL V42	MY Full 1 2007	1	Code-Mode	el Line TL	VIN-TL 5N1BV28	U07N		SPLAS	SH GUARDS
Mileage-Initial TL	Mileage-0	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	C03 VEHICI		ATE EMISSION
0000000	090433		10217		VAN				R MATS
Code-Engine Prefix V	C Number-L	Engine Serial V	/C Code-Tran:	s Type VC	Code-Vehicle	e Color VC	in se		PACKAGE
Name-Plant VC	Date-Mar	nufacture VC	Date-In Ser		Code-Distribu	utor TL			
Canton (NMM) Dir Reti Last VC	9/1/2006		9/28/2006		USA				
Code Reg 225 0	lion	Name	UTOHOTO		City	NY 17. 20	ate		
Code Reg 225 44 Code-Component TL			GHBRED NI	SSAN	City TUCSON Code-Oper	AZ r Mode TL D		per Te	mp TL Desc
ECCS (SENSORS	& SWITC	HES)	CHECK EN	GINE LIGH		NTIFIED	NOT	DENT	FIED
Code-Amb Humidity			emp TL Desc	Code-Prob	Freq TL Desc	Category-II	ncd TL Desc		-Incd TL 0001
Code-TREAD TL		Flag-FSSS 7	L	Flag-NNA II	nspection TL	Date-NNA 6/27/2011		g Num 7K	ber-Project TL
Code-Reason For Ca	II TL Desc		EASONABL	E CALL FO	OR ASSISTA	NCE		Flag-A	ttachment TL N
Flag-Parts Avail N		Date-Parts R 1/1/01	equest TL	Name-Parts	For TL	Date-Parts 1/1/01	8.5.000 C		-Parts Shipped TL
Text-Solution TL:		CLOSED D	URING SFD	C MIGRAT	ION				
Code-Status TL Desc	8	F- CLOSED	(RESOLVE	D)					
Text-Dealer Followup	Comment 1	rL:-							
M	MMENT								
- CHECK ENGINE		N.							
** DEALER ACTIC	N/OBSER	VATION							
** VERIFIED Y RE			AVEDOM	14					
- P0462 FUEL LE\	EL SEN/C	IR LOW (7	K)						



REPLACED FUEL SENDER, DTC RECODED.

MANUALLY SWEPT FLOAT ARM TO FULL. DTC SETS WITH FLOATARM AT TOP OF

TRAVEL. GAUGE IN METER CHANGES WITH FLOAT ARM SWEEP.

- NO CAN DTC'S STORED.

- COMBO METER DATA MONITOR 74 LITERS, GAUGE READING FULL.

Created by Christopher O'Connor at 2014-02-02 17:00:00

Created by Christopher O'Connor at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

- ADVISED TO SWEEP SENDER AND MONIT ECM AND COMBO METER DATA MONITOR.

** CUSTOMER COMMENT:- CHECK ENGINE LIGHT ON-** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR

7K)- REPLACED FUEL SENDER, DTC RECODED.- MANUALLY SWEPT FLOAT ARM TO FULL. DTC SETS WITH FL

- IF METER DATA MONITOR VALUE DROPS OR IS ERRATIC AT TOP OF SENDER

T ARM SWEEP.- NO CAN DTC'S STORED.- COMBO METER DATA MONITOR 74 LITERS, GAUGE READING FULL.** TRAVEL INSPECT CONNECTIONS TO METER.

- IF ECM DATA MONITOR DROPS AND DOES NOT MATCH COMBO METER REPLACE

MONIT ECM AND COMBO METER DATA MONITOR.- IF METER DATA MONITOR VALUE DROPS OR IS ERRATIC AT DATA MONITOR DROPS AND DOES NOT MATCH COMBO METER REPLACEMETER.- IF BOTH DATA MONMITOR V METER.

- IF BOTH DATA MONMITOR VALUES MATCH THROUGH GAUGE SWEEP REPLACE

ECM.





ID-Report TL									
ID-Report TL Co	de-Record T	ype TL Desc	Number	-Revision TL	Date-C	open TL	Date-R	evision T	L Date-Close TL
		MINI		0	7/24/2	011	4/9/14		3/10/14
Text-Incd Desc TL									
MIL ON, P0462		_							-
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame				Nam	ne-Caller TL
188		B*	JACKSON	HISEY					
Code-Series TL	MY Full 1	n.	Code-Mode	el Line TL	VIN-TL		1	nstailed (Options
V42	2007		QST		5N1BV28	U77N			LASH GUARDS
Mileage-Initial TL	Mileage-	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	N	EHICLE	
0	82525		10617					ACKAG	ECHNOLOGY E (SIRIUS)
Code-Engine Prefix V	C Number-	Engine Serial V	C Code-Tran	s Type VC	Code-Vehicle	e Color VC		DEFLECT	INROOF WIND
VQ35	595821		А		K12				OMELINK CARD
Name-Plant VC	Date-Mai	nufacture VC	Date-In Ser	vice TL	Code-Distrib	utor TL			OOF RAIL CROSS
Canton (NMM)	6/16/200	06	7/14/2006	£	USA		2		AT PACKAGE
Dir Reti Last VC								ACKAG	VIGATION & PAX
Code Reg	ion	Name			City	9	oruro	35 NA	VIGATION
3258 34		FIRST TEA	AM NISSAN	1	ROANOKE	-			DUAL SCREEN
Code Reg 3258 34	<i>țion</i>	Name FIRST TE/	AM NISSAN		City ROANOKE		State VA		
Code-Component TL	Desc		Code-Symp T	L Desc	Code-Ope	r Mode TL	Desc C	Code-Ope	er Temp TL Desc
INSTRUMENTS &	GAUGES	· · · · ·	CHECK ENG	GINE LIGHT	NOT IDE	NTIFIED	N	IOT IDE	NTIFIED
Code-Amb Humidity	TL Desc	Code-Amb T	emp TL Desc TIFIED	Code-Prob I	Freq TL Desc		V-Incd TL L		Date-Incd TL 1/1/0001
Code-TREAD TL		Flag-FSSS T	L	Flag-NNA In	spection TL	Date-NN	IA Inspecti	on Flag	Number-Project TL
11	_	N		N		7/25/20	11		7К
Code-Reason For Ca	II TL Desc.	R	EASONABL	E CALL FO	RASSISTA	NCE		Fla	ng-Attachment TL: N
Flag-Parts Avail		Date-Parts R	equest TL	Name-Parts	For TL	Date-Par	ts Recvd	TL	Date-Parts Shipped TL
N		1/1/01				1/1/01			1/1/01
Text-Solution TL:		CLOSED D	URING SFD	C MIGRAT	ION				
Code-Status TL Desc	ž.	F- CLOSED	(RESOLVE	D)					
Text-Dealer Followup	Comment	TL:							
м									
** CUSTOMER CO	MMENT:								
-MIL IS ON.									
-FUEL GAUGE DO	DES NOT	REGISTER C	ORRECTLY	1.					
** DEALER ACTIC	N/OBSEF	RVATION:							
** VERIFIED Y RE	PAIR ATT	EMPTS 2_D	AYS DOWN	12					



-TECH FOUND DTC P0462 FUEL LEVEL SENDING UNIT CIRCUIT.

-TECH REPLACED FUEL PUMP ASSEMBLY.

-TECH FOUND PIN 0.28V AT PIN 1 AT CONNECTOR B148 WITH THE IGN ON.

-TECH FOUND 12V AT PIN 4 WITH THE IGN ON.

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-CHECK GROUND AT PIN 1 AT B148 WITH VEHICLE RUNNING AND ALL ELECTRICAL

** CUSTOMER COMMENT:-MIL IS ON.-FUEL GAUGE DOES NOT REGISTER CORRECTLY.** DEALER ACTION/OBSE

GAUGE WOULD READ FULL.-TECH FOUND DTC P0462 FUEL LEVEL SENDING UNIT CIRCUIT.-TECH REPLACED F

-SWAP COMBINATION METER AND RECHECK INCIDENT.

TOR B148 WITH THE IGN ON.-TECH FOUND 12V AT PIN 4 WITH THE IGN ON.** TSS RECOMMENDATION/RESULT:-

ALL ELECTRICALLOADS ON.-SWAP COMBINATION METER AND RECHECK INCIDENT.





ID-Report TL							
ID-Report TL Code FI1114964	e-Record Type TL Desc MINI	Number	-Revision TL	Date-C	open TL 111	Date-Revision 2/3/14	TL Date-Close TL 2/3/14
Text-Incd Desc TL							
MIL P0462 FUEL L	EVEL SEN/CIR LOW						
Code-TSS1 TL 157		-TSS1 TL Na				Na	me-Caller TL
Code-Series TL V42	MY Full TL 2007	Code-Mode	el Line TL	VIN-TL 5N1BV28	U07N	B10 S	I Options SPLASH GUARDS
Mileage-Initial TL 0000000	Mileage-Current TL 070074	Code-NNA	Model VC	Code-Body 7	Type TL	VEHICL L92 F	50 STATE EMISSION E ELOOR MATS MICROFILTER
Code-Engine Prefix VC VQ35	Number-Engine Serial VC 614226	Code-Trans	s Type VC	Code-Vehicle	e Color VC	S01 S	SEAT PACKAGE DVD SINGLE SCREEN
Name-Plant VC Canton (NMM)	Date-Manufacture VC 8/14/2006	Date-In Ser 9/11/2006		Code-Distrib	utor TL		
Dir Reti Last VC Code Regio 09027 26			SALES, IN	City ALLENTOW	Sta	te	
Serv Dir TL Code Regii 5152 34	on Name NISSAN OF		TNEWS	City NEWPORT	Sta		
Code-Component TL L	Desc C	ode-Symp Ti		Code-Ope	r Mode TL D	esc Code-O	per Temp TL Desc
Code-Amb Humidity Ti NOT IDENTIFIED	L Desc Code-Amb Te		Code-Prob	Freq TL Desc	Category-in	ICH TL Desc	Date-Incd TL 1/1/0001
Code-TREAD TL 11	Flag-FSSS TL N		Flag-NNA II N	nspection TL	Date-NNA / 8/2/2011	Inspection Flag	Number-Project TL
Code-Reason For Call	TL Desc: RE	ASONABL	E CALL FO	OR ASSISTA	NCE	F	Flag-Attachment TL- N
Flag-Parts Avail N	Date-Parts Re 1/1/01	quest TL	Name-Parts	s For TL	Date-Parts	Recvd TL	Date-Parts Shipped TL 1/1/01
Text-Solution TL: Code-Status TL Desc:	CLOSED DU			ION			
Text-Dealer Followup (for a set this						
** CUSTOMER CO	MMENT:						
-SES LIGHT IS ON, READING PROPER	, CUSTOMER HAD FU RLY ON FILL UP.	EL SENDE	R REPLAC	ED, GAUGE	IS NOT		
- ** DEALER ACTION ** VERIFIED Y REP	N/OBSERVATION: PAIR ATTEMPTS 2_ DA	AYS DOWN	12				



-MIL, P0462 FUEL LEVEL SEN/CIR LOW (7K)

GAUGE WAS ERRATIC.

REPLACED FUEL PUMP MODULE ASSY

CAR LEFT

NOW WHEN FILL UP GAUGE GOES TO E, LOW FUEL LIGHT COMES ON, MIL

P0462 FUEL LEVEL SEN/CIR LOW (7K)

NO OTHER PARTS REPLACED

COMBINATION METER SELF DIAGNOSIS, ALL VALUES IN NORMAL RANGE.

GAUGES PASS THE SWEEP TEST, HOWEVER THE GAS GAUGE WILL DROP SLOWLY TO

HALF TANK, TANK IS FULL.

Created by John Seaborn at 2014-02-02 17:00:00

Created by John Seaborn at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-CONSULT ASSIST EC-457, P0462 FLOW CHART.

** CUSTOMER COMMENT:-SES LIGHT IS ON, CUSTOMER HAD FUEL SENDER REPLACED, GAUGE IS NOTREADIN

-CHECK PIN FIT AND CONNECTOR INTEGRITY AT COMBINATION METER AND FUEL

FIED Y REPAIR ATTEMPTS 2_ DAYS DOWN 2-MIL, P0462 FUEL LEVEL SEN/CIR LOW (7K)GAUGE WAS ERRATIC SENDER.

UP GAUGE GOES TO E, LOW FUEL LIGHT COMES ON, MILP0462 FUEL LEVEL SEN/CIR LOW (7K)NO OTHER PA

ES IN NORMAL RANGE.GAUGES PASS THE SWEEP TEST, HOWEVER THE GAS GAUGE WILL DROP SLOWLY TOH

-VOLT DROP TEST SYSTEM GROUND WITH ENGINE RUNNING AND ALL

-VOLT DROP TEST SYSTEM GROUND WITH ENGINE RUNNING AND ALL ELECTRICAL

ACCESSORIES ON.

ELECTRICAL ACCESSORIES ON.

SSIST EC-457, P0462 FLOW CHART.-CHECK PIN FIT AND CONNECTOR INTEGRITY AT COMBINATION METER AND

NNING AND ALLELECTRICAL ACCESSORIES ON.-REPLACE COMBINATION METER.

-REPLACE COMBINATION METER.





ID-Report TL								
ID-Report TL Cod	de-Record Ty	vpe TL Desc	Number	Revision TL	Date-O	pen TL L	Date-Revision	TL Date-Close TL
	N	MINI		0	9/16/2	011 2	2/3/14	2/3/14
Text-Incd Desc TL								
P0462 GAUGE ER	RATIC				_		_	
Code-TSS1 TL		Cod	e-TSS1 TL Na	me			Na	me-Caller TL
119		z -	JEFF WYA	TT				
Code-Series TL	MY Full T	L	Code-Mode	l Line TL	VIN-TL	1.0	Installed	l Options
V42	2007		QST		5N1BV28	J47N		PLASH GUARDS
Mileage-Initial TL	Mileage-C	urrent TL	Code-NNA	Model VC	Code-Body 7	ype TL	VEHICL	
0000000	083723		10317		VAN			LOOR MATS
Code-Engine Prefix V	C Number-E	Engine Serial V	C Code-Trans	s Type VC	Code-Vehicle	Color VC	1. A.	EAT PACKAGE
VQ35	619516		A		K11			
Name-Plant VC	Date-Man	ufacture VC	Date-In Ser	vice TL	Code-Distribu	itor TL		
Canton (NMM)	8/22/200	6	12/29/200	6	USA			
Dir Reti Last VC								
Code Reg	ion	Name		1	City	Stat	e	
3225 32		DON DAVI	S NISSAN,	INC.	ARLINGTON	1	-	
Code Reg 3394 32 Code-Component TL			OCK NISSA	N	City ROUND RO	Stat		per Temp TL Desc
ECCS (SENSORS		1.44	CHECK ENG		a la seconda de			
Code-Amb Humidity			emp TL Desc		C CARL SA	Category-Ind		Date-Incd TL
	IL DUGU	NOT IDENT		0000471007	TCY TE DOG	NOT IDEN		1/1/0001
Code-TREAD TL		Flag-FSSS T		Flag-NNA In	spection TI			Number-Project TL
06		N		N	openant TE	9/16/2011	opeonorring	7K
Code-Reason For Ca	II TI Doso		ASONABI	145	RASSISTA			ag-Attachment TL N
	I IL DEOU.					Date-Parts F	1000	Date-Parts Shipped T
Flag-Parts Avail		Date-Parts R	cylical IL	Name-Parts	TUTIL	1/1/01	COVU TL	1/1/01
		n no i				11101		111101
N		CLOSED D	IRING SED	CMICPAT	ION			
Text-Solution TL		CLOSED D		o Michaeld	ION			
Text-Solution TL Code-Status TL Desc	Conversion in	F- CLOSED		o Michaeld	ION			
Text-Solution TL Code-Status TL Desc Text-Dealer Followup	Conversion in	F- CLOSED		o Michaeld	ION			
Text-Solution TL Code-Status TL Desc Text-Dealer Followup M	Comment T	F- CLOSED		o Michaeld	ION			
Text-Solution TL Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC	Comment T	F- CLOSED		o Michaeld	ION			
Text-Solution TL Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -CHECK ENGINE	Comment T DMMENT: LIGHT.	F- CLOSED		o Michaeld				
Text-Solution TL Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -CHECK ENGINE -GAS GAUGE REA	Comment T DMMENT: LIGHT. ADING ER	F- CLOSED		o Michaeld				
Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -CHECK ENGINE -GAS GAUGE RE/ ** DEALER ACTIC	Comment T DMMENT: LIGHT. ADING ER DN/OBSER	F- CLOSED	(RESOLVE	ED)	ION			
Text-Solution TL Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -CHECK ENGINE -GAS GAUGE REJ	Comment T DMMENT: LIGHT. ADING ER DN/OBSER PAIR ATTI	F- CLOSED	(RESOLVE	ED)				





REPLACED FUEL LEVEL SENDER, DTC RESET IN A SHORT TIME AND GAS GAUGE

READING ERRATICLY.

-SELF TEST ON METER SHOWS OK.

Created by Jeff Wyatt at 2014-02-02 17:00:00

Created by Jeff Wyatt at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-CHECK HARNESS LEADING TO FUEL TANK FOR RUB THROUGH NEAR PASSENGER

** CUSTOMER COMMENT:-CHECK ENGINE LIGHT.-GAS GAUGE READING ERRATIC.** DEALER ACTION/OBSERV#

FUEL LEVEL SEN/CIR LOW (7K) REPLACED FUEL LEVEL SENDER, DTC RESET IN A SHORT TIME AND GAS GA

SIDE STEP PLATE AT SLIDING DOOR, AND NEAR RIGHT WHEELHOUSE.

-SEE PG-55 FOR HARNESS ROUTING, SENDER IS SHOWN AS B252 AND SENDER

S RECOMMENDATION/RESULT:-CHECK HARNESS LEADING TO FUEL TANK FOR RUB THROUGH NEAR PASSEN CIRCUITS RUN THROUGH B104 AND B148.

SEE PG-55 FOR HARNESS ROUTING, SENDER IS SHOWN AS B252 AND SENDERCIRCUITS RUN THROUGH B104





ID-Report TL							
ID-Report TL Cod	le-Record Type TL	Desc Numbe	r-Revision TL	Date-C	Open TL	Date-Revision	TL Date-Close TL
	MINI		1	9/28/2	2011	2/3/14	2/3/14
Text-Incd Desc TL							
P0462 FUEL LEVE	EL SEN/CIR NEW	SENDER					
Code-TSS1 TL		Code-TSS1 TL N	ame			Na	me-Caller TL
237		Z - CHRIS O	CONNOR				
Code-Series TL	MY Full TL	Code-Mod	el Line TL	VIN-TL	100	Installed	l Options
V42	2007	QST		5N1BV28	U07N		PLASH GUARDS
Mileage-Initial TL	Mileage-Current	TL Code-NNA	Model VC	Code-Body 1	Type TL	VEHICL	La alter Vice
000000	064736	10317		VAN			LOOR MATS
Code-Engine Prefix V	C Number-Engine S		s Type VC	Code-Vehicle	e Color VC		SEAT PACKAGE
		A				-	
Name-Plant VC	Date-Manufacture			Code-Distrib	utor TL		
Canton (NMM) Dir Reti Last VC	6/5/2006	8/31/2006	,	USA	-		
Code Reg	ion Name			City	Sta	te	
2836 44		AN OF RENO		RENO	- Cita		
2836 44 Code-Component TL		Code-Symp 7	100 m	RENO Code-Ope	NV er Mode TL De		per Temp TL Desc
ECCS (SENSORS	& SWITCHES)	CHECK EN	GINE LIGHT		NTIFIED	NOT ID	ENTIFIED
Code-Amb Humidity		Amb Temp TL Desc	Code-Prob I	Freq TL Desc	Category-In	Cd TL Desc	Date-Incd TL 1/1/0001
Code-TREAD TL		SSS TL	Elag-NNA In	spection TL		Contraction of the	Number-Project TL
06	N	00012	N	opcouldn't L	9/28/2011		7K
Code-Reason For Ca		REASONABL		ASSISTA	1.00 000000		Flag-Attachment TL: N
Flag-Parts Avail		Parts Request TL	Name-Parts		Date-Parts	S. S. S. S.	Date-Parts Shipped T
Text-Solution TL		ED DURING SFE		ION	17 1101		
Code-Status TL Desc		OSED (RESOLVI					
	A. ministra	USED INESULVI	-01				
Text-Dealer Followup M	Comment TL:						
** CUSTOMER CO - INSPECT FUEL (HECK ENGINE L	IGHT ON				
- ** DEALER ACTIC ** VERIFIED Y RE			N 5				
- VEHICLE TRADE	ED IN, DEALER S	STOCK USED CA	R.				



- P0462 FUEL LEVEL SEN/CIR LOW (7K)

- GAUGE READ EMPTY, LOW FUEL LIGHT ON.

- REPLACED FUEL SENDER, TANK HAS APPROX 3/4 FULL

- GAUGE CURRENTLY READING 3/4 FULL

- P0462 IS STILL PRESENT

- NO AFTERMARKET ACCESORIES FOUND INSTALLED.

- PERFORMED COMBO METER SELF TEST, NEEDLE SWEPT NORMALLY.

- 72 LITERS SHOWN ON COMBO METER DATA MONITOR.

** TSS RECOMMENDATION/RESULT:

- SWAP COMBO METER WITH KGV IF AVAILABLE. REPLACE METER.





ID-Report TL										
ID-Report TL Cod	-Report TL Code-Record Type TL Desc		Medical Chief and Chief			ate-Open TL Date		sion TL	Date-Close TL	
Text-Incd Desc TL					111212		210114		2/0/14	
P0462 GAUGE EM		ALITERS								
A state of the	TITAL		TODA TI MA	100			-	Mam	Coller TI	
Code-TSS1 TL 119			EFF WY				1	Name	e-Caller TL	
Code-Series TL	MY Full T	0210.7	Code-Mode		VIN-TL		Insta	alled C	ptions	
V42	2007		QST		5N1BV28	U17N	B10	B10 SPLASH GUARDS C03 50 STATE EMISSION VEHICLE		
Mileage-Initial TL		Surrent TI	Code-NNA	Model VC	Code-Body 7					
0000000	Mileage-Current TL		10217	Moder vo	VAN	ype n		L92 FLOOR MATS		
Code-Engine Prefix V		naina Sarial VC			Code-Vehicle	Color VC	S01	SE	AT PACKAGE	
VQ35	617689	ingine Senar vC		s Type VG	BW9					
		utantur UO	A Data in Car	avies T		the TI	-			
Name-Plant VC		ufacture VC	Date-In Sei		Code-Distrib	utor TL				
Canton (NMM) Dir Reti Last VC	8/17/200	0	4/23/2007		USA					
Code Regi		Marra			City		ate			
2422 24	UII	Name DAVE SYVE	RSON NIS	SAN	City ALBERT LE		ale			
Code Regi 2422 24	ion	Name DAVE SYVE	ERSON NI	SSAN	City ALBERT LE		ate N			
Code-Component TL I			ode-Symp T AUGES/W		Code-Ope	r Mode TL D			Temp TL Desc	
Code-Amb Humidity T	L Desc	Code-Amb Ter		Code-Prob	Freq TL Desc	Category-I	incd TL Des		Date-Incd TL	
Code-TREAD TL	-	Flag-FSSS TL		Flag-NNA I	nspection TL	Date-NNA	Inspection	Flag A	lumber-Project TL	
11		N	N		1	11/2/2011			к	
Code-Reason For Cali	TI Desc	1.22	ASONABI	4.5	OR ASSISTA	A State State State			g-Attachment TL:	
Flag-Parts Avail		Date-Parts Red		Name-Parts		Date-Parts	Recvd TI		ate-Parts Shipped 1	
N		1/1/01	quest in manie-rans		STOTIE	1/1/01	NCOVA IL		/1/01	
Text-Solution TL:		CLOSED DU	PING SED		ION	Innor		-	/ No1	
Text-Solution TL.		F- CLOSED								
Code Status TI Dese		1-CLOGLD	INE SOLVE			_				
	An owner her									
Text-Dealer Followup	An owner her	L			-					
Text-Dealer Followup M	Comment T	L:				-	-			
Text-Dealer Followup M ** CUSTOMER CO	Comment T		WHEN ST.	ARTING C.	AR AT TIME	S.				
Code-Status TL Desc: Text-Dealer Followup M ** CUSTOMER CO -FUEL GAUGE RE ** DEALER ACTIO	Comment T MMENT: ADS EMP	TY OR FULL	WHEN ST.	ARTING C	AR AT TIME	S.				
Text-Dealer Followup M ** CUSTOMER CO -FUEL GAUGE RE	Comment 7 MMENT: ADS EMP N/OBSER	TY OR FULL VATION:			AR AT TIME	S.				
Text-Dealer Followup M ** CUSTOMER CO -FUEL GAUGE RE ** DEALER ACTIO	Comment T MMENT: ADS EMP N/OBSER PAIR ATTI	TY OR FULL VATION: EMPTS 1_ DA	YS DOWN	11			ED FUEL			



9

-LITER READING ON CONSULT 64 LITERS WITH GAUGE AT EMPTY AND LOW FUEL

LIGHT ON.

-MILP0462 FUEL LEVEL SEN/CIR LOW (7K)

-WHILE ON PHONE, TECH ATTEMPTED METER SELF TEST, FUEL GAUGE DOES MAKE

FULL SWEEP, BUT AFTER TAKING OUT OF SELF TEST, RETURNS TO EMPTY.

** TSS RECOMMENDATION/RESULT:

-REPLACE COMBO METER.





ID-Report TL								
ID-Report TL Cod	le-Record Type	TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revision	TL Date-Close TL
	MIN	t .		0	12/6/2	011	2/3/14	2/3/14
Text-Incd Desc TL								
FUEL GAUGE ERI	RATIC, P0462	N						
Code-TSS1 TL		Code	-TSS1 TL Na	ame			Na	me-Caller TL
164		z - 0	HRIS DE	ATRICK				
Code-Series TL	MY Full TL		Code-Mode	el Line TL	VIN-TL	100	Installed	Options
V42	2007		QST		5N1BV28	U67N		PLASH GUARDS
Mileage-Initial TL	Mileage-Curr	ent TL	Code-NNA	Model VC	Code-Body 7	ype TL	VEHICL	
000000	000 060300		10317		VAN			LOOR MATS
Code-Engine Prefix V	C Number-Engl	ine Serial VC	Code-Trans	s Type VC	Code-Vehicle	e Color VC	N92 F	OOF RAIL CROSS
VQ35	730686		A		A15	100	S01 S	EAT PACKAGE
Name-Plant VC	Date-Manufa	cture VC	Date-In Service TL		Code-Distributor TL		W95 0	CARGO COVER
Canton (NMM)	MM) 7/10/2007		8/15/2007		USA			
Dir Reti Last VC								
Code Reg	ion N	ame			City	Sta	te	
22003 24	N	ISSAN/NC	RTH, INC	1	WORTHING	TON	-	
Code Reg 22003 24 Code Component Till	N	lame IISSAN/NC			City WORTHING			per Temp TL Desc
Code-Component TL			ode-Symp Ti		IT NOT IDE	Mode TL De		
					a succession of the			
Code-Amb Humidity 7				Code-Prob	Freq TL Desc	Category-In		Date-Incd TL
		OT IDENT				NOTIDEN		1/1/0001
Code-TREAD TL		ag-FSSS TL			spection TL	Date-NNA I	ispection Flag	
11						401010044		Number-Project TL
the set of a state of the line of the set of	and a state of the			N		12/6/2011	-	7К
Code-Reason For Cal				E CALL FO	DR ASSISTA	NCE	F	7K lag-Attachment TL N
Flag-Parts Avail	Da	ate-Parts Re		1		NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TL
Flag-Parts Avail N	Da 1/	ate-Parts Re 1/01	quest TL	E CALL FO	; For TL	NCE	F	7K lag-Attachment TL N
Flag-Parts Avail N Text-Solution TL:	Da 1/ Cl	ate-Parts Re 1/01 LOSED DU	quest TL	E CALL FO	; For TL	NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TL
Flag-Parts Avail N	Da 1/ Cl	ate-Parts Re 1/01 LOSED DU	quest TL	E CALL FO	; For TL	NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TL
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup	Da 1/ Cl	ate-Parts Re 1/01 LOSED DU	quest TL	E CALL FO	; For TL	NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TL
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	Di 1/ Cl : F- Comment TL:	ate-Parts Re 1/01 LOSED DU	quest TL	E CALL FO	; For TL	NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TL
Flag-Parts Avail N Text-Solution TL:	Da 1/ Cl Cl Cl Comment TL: Comment TL:	ate-Parts Re 1/01 LOSED DU CLOSED	quest TL IRING SFD (RESOLVE	E CALL FO	; For TL	NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TL
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M CUSTOMER CO	Da 1/ Cl Cl Comment TL: OMMENT: UEL GAUGE	ate-Parts Re 1/01 LOSED DU CLOSED	quest TL IRING SFD (RESOLVE	E CALL FO	; For TL	NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TI
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc. Text-Dealer Followup M ** CUSTOMER CO -SES LIGHT ON, F	Di 1/ Cl Cl Comment TL: Comment TL: COMMENT: CUEL GAUGE	ate-Parts Re 1/01 LOSED DU CLOSED	quest TL	E CALL FC Name-Parts C MIGRAT	; For TL	NCE Date-Parts I	F	7K iag-Attachment TL N Date-Parts Shipped TI





-FUEL LEVEL SENSOR WAS REPLACED LAST VISIT

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-ADVISED TECH TO CHECK CONECTIONS AT FUEL SENDER AND METER

** CUSTOMER COMMENT:-SES LIGHT ON, FUEL GAUGE ERRATIC-** DEALER ACTION/OBSERVATION:** VERIFIE

-CHECK HARNESS FOR ANY SHORTS OR OPENS

WITH DTC: P0462 FUEL LEVEL SEN/CIR LOW-FUEL LEVEL SENSOR WAS REPLACED LAST VISIT-** TSS RECOMN

L SENDER AND METER-CHECK HARNESS FOR ANY SHORTS OR OPENS-REPLACE METER

-REPLACE METER





ID-Report TL										
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revision	TL	Date-Close TL	
	1	ININ		1	12/7/2	011	2/3/14		2/3/14	
Text-Incd Desc TL					1.1.1				10000	
MILP0462 FUEL L	EVEL SE	VCIR LOW								
Code-TSS1 TL		Coo	le-TSS1 TL Na	ame			Ne	ame-C	aller Tl	
168		Z*	MICHAEL	ACEVES	1.					
Code-Series TL	MY Full T	1	Code-Mode	el Line TL	VIN-TL	10	Installe	d Optic	ons	
V42	2007		QST		5N1BV28	U37N			SH GUARDS	
Mileage-Initial TL	Mileage-0	Current TL	Code-NNA	Model VC	Code-Body 7	ype TL	VEHICL	E	ATE EMISSION	
0000000	100342		10217		VAN				R MATS PACKAGE	
Code-Engine Prefix V VQ35	C Number-L	Engine Serial \	/C Code-Trans	s Type VC	Code-Vehicle	e Color VC				
Name-Plant VC		utacture VC	Date-In Ser	vice TI	Code-Distribu	utor TI				
Canton (NMM)			1/10/2007	1163.76	USA					
Dir Reti Last VC	10.20.200	NT)	1		1.556					
Code Reg	lion	Name			City	Sta	te			
3797 32		GATEWA	Y NISSAN		FARGO					
Code Reg 3797 32 Code Component TI		Name GATEWA		Dasa	City FARGO	Sta ND		loor Te	mo TI Daso	
Code-Component TL			Code-Symp T			r Mode TL D			mp TL Desc	
INSTRUMENTS &		1	CHECK EN				NOT IE			
Code-Amb Humidity	IL Desc	NOT IDEN		Code-Prob	Freq TL Desc	NOT IDEN	NTIFIED		e-Incd TL 0001	
Code-TREAD TL		Flag-FSSS 1	TL.	Flag-NNA I	nspection TL	Date-NNA	Inspection Flag	g Num	Number-Project TL	
11		N	-	N	_	12/7/2011		7К		
Code-Reason For Ca	II TL Desc.	R	EASONABL	E CALL F	OR ASSISTA	NCE	1	Flag-A	ttachment TL: N	
Flag-Parts Avail N		Date-Parts R	equest TL Name-Part		s For TL Date-Pai		rts Recvd TL		Date-Parts Shipped To 1/1/01	
Text-Solution TL:	-	CLOSED D	URING SFD	C MIGRAT	TION					
Code-Status TL Desc	2	F- CLOSED	(RESOLVE	D)						
Text-Dealer Followup	Comment									
м										
** CUSTOMER CO	MMENT:									
-MIL IS ON.										
	Woners	WATION						-		
** DEALER ACTIC										
** VERIFIED Y RE				1						
-MIL P0462 FUEL	LEVEL SE	N/CIR LOW								





-ANOTHER DEALER REPLACED THE FUEL SENDING UNIT TWO DAYS AGO.

-THE CODE SETS AND THE FUEL GAUGE IS OPERATING NORMAL.

Created by Michael Lemmons at 2014-02-02 17:00:00

Created by Michael Lemmons at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-CHECK CONNECTION AND HARNESS FOR ANY ISSUES.

** CUSTOMER COMMENT:-MIL IS ON..** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEMPTS 1_ DA

ALER REPLACED THE FUEL SENDING UNIT TWO DAYS AGO.-THE CODE SETS AND THE FUEL GAUGE IS OPERA

-CHECK WIRE HARNESS ON FLOORBOARD NEAR THE 2ND AND 3RD ROW SEATS.

AND HARNESS FOR ANY ISSUES.-CHECK WIRE HARNESS ON FLOORBOARD NEAR THE 2ND AND 3RD ROW SE#

- INSPECTED BODY HARNESS AT RIGHT REAR FENDER WELL AREA- NO CHAFFING.

T REAR FENDER WELL AREA- NO CHAFFING.- FUEL SENDER RESISTANCE IN SPEC FROM EMPTY TO FULL.- TS

ETER AND MONITOR FUEL GAUGE NEEDLE FOR FLUCTUATION.

- FUEL SENDER RESISTANCE IN SPEC FROM EMPTY TO FULL.

- TSS: CHECK METER FOR INTERMITTENT INCIDENT.

- TAP ON COMBO METER AND MONITOR FUEL GAUGE NEEDLE FOR FLUCTUATION.





ID-Report TL				_						
ID-Report TL Coo		vpe TL Desc	Number	-Revision TL 0	Date-C	Open TL 2012	Date-Revis	ion TL	Date-Close TL 2/3/14	
Text-Incd Desc TL							-			
MIL P0420/P0462	FUEL GAU	JGE READS								
Code-TSS1 TL		Code	e-TSS1 TL Na	ame				Name-	Caller TL	
132		z -	STEVE RE	HBINE						
Code-Series TL V42	2007 nitial TL Mileage-Current TL		Code-Model Line TL QST		VIN-TL 5N1BV28	C03	Contraction of the second s			
Mileage-Initial TL			Code-NNA	Model VC	Code-Body 7	Type TL	K69	VEHICLE K69 HOMELINK CARD		
0000000			10417		VAN		L92 P01		OR MATS	
Code-Engine Prefix V VQ35	C Number-E	Engine Serial V	C Code-Trans	s Type VC	Code-Vehicle Q11	e Calor VC	R94 S01	SEA	NING BOARDS	
Name-Plant VC Canton (NMM)	Date-Man 8/23/200	ufacture VC 6	Date-In Ser 12/30/200	100.00	Code-Distrib	utor TL	X01 PAC	SL P KAGE	REMIUM	
Dir Reti Last VC Code Reg 3829 34		Name	NTER NISS		City KENNESAV	10	tate			
3611 34 Code-Component TL INSTRUMENTS &		c	T PLACE N Code-Symp T	L Desc	Code-Ope	r Mode TL I			Temp TL Desc	
Code-Amb Humidity		Carlo Carlo	emp TL Desc		Freq TL Desc	Category-		Da	nte-Incd TL 1/0001	
Code-TREAD TL	ode-TREAD TL		Flag-FSSS TL N		nspection TL	ion TL Date-NNA Inspe			Number-Project TL	
Code-Reason For Ca	II TL Desc:	RE	ASONABL	E CALL FO	OR ASSISTA	NCE		Flag-	Attachment TL: N	
Flag-Parts Avail N	lag-Parts Avail Date-Parts				3.3.4	Date-Parts Recvd TL		Da	Date-Parts Shipped TL	
Text-Solution TL: Code-Status TL Desc	r	CLOSED D			ION					
Text-Dealer Followup	Comment T									
M										
•• CUSTOMER CC • MIL IS ON.	MMENT:									
** DEALER ACTIC	N/OBSER	VATION:								
** VERIFIED Y RE	PAIR ATTI	EMPTS 1_D	AYS DOWN	11						
- MIL P0420 TW C	ATALYST	SYS-B1								



P0462 FUEL LEVEL SEN/CIR LOW

- REPLACED CATALYST TO RESOLVE P0420.

- VERFIIED FUEL GAUGE WAS JUMPING FROM FULL TO EMPTY.

- REPLACED FUEL LEVEL SENDER, NOT JUMPING BUT DOES NOT READ FULL.

- FUEL LEVEL RESISTANCE AT FUEL PUMP CONNECTOR WAS 81 OHMS FULL/5 EMPTY.

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- MIL IS ON.-** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEMPTS 1_ D

- TSS ADVISED TECH TO DISCONNECT COMBO METER CONNECTOR AND RECHECK

EL SEN/CIR LOW- REPLACED CATALYST TO RESOLVE P0420.- VERFIIED FUEL GAUGE WAS JUMPING FROM FU SENDING UNIT RESISTANCE AT PINS 4/6.

DOES NOT READ FULL.- FUEL LEVEL RESISTANCE AT FUEL PUMP CONNECTOR WAS 81 OHMS FULL/5 EMPTY.*

- IF RESISTANCE IS CORRECT, REPLACE COMBO METER.

CT COMBO METER CONNECTOR AND RECHECKSENDING UNIT RESISTANCE AT PINS 4/6.- IF RESISTANCE IS CC

- IF RESISTANCE IS NOT CORRECT, INSPECT HARNESS/CONNECTOR FROM COMBO

, INSPECT HARNESS/CONNECTOR FROM COMBOMETER TO FUEL PUMP CONNECTOR PER ESM DI-12.- VERIFY

METER TO FUEL PUMP CONNECTOR PER ESM DI-12.

- VERIFY PIN FIT AT ALL CONNECTORS FROM FUEL PUMP TO METER.





							1.1			
ID-Report TL Co	de-Record Ty	pe TL Desc	Number	-Revision TL	Date-C	open TL	Date-F	Revision	TL	Date-Close TL
	м	INI	0		2/29/2	2/29/2012 2		2/3/14		2/3/14
Text-Incd Desc TL										
FUEL GAUGE INA	ACCURATE	(UNVERIF	IED)							
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame				Nai	me-Cal	ller TL
104		z -	DONALD	PERRYM	AN					
Code-Series TL	MY Full TL		Code-Mode	el Line TL	VIN-TL	00		Installed	Option	IS
V42	2007		QST		5N1BV28	U47N				HGUARDS
Mileage-Initial TL	Mileage-C	urrent TL	Code-NNA	Model VC	Code-Body	Type TL		CO3 5		TE EMISSION
0000000			10617		VAN			GO1 T		OLOGY 1)
Code-Engine Prefix V	C Number-E	ngine Serial V	C Code-Tran	s Type VC	Code-Vehicle	e Color VC		J96 SI		OF WIND
VQ35	722374		A		К11		K69		HOMELINK CARD	
Name-Plant VC	Date-Manu	Ifacture VC	Date-In Ser	rvice TL				L92 FLOOR MATS S01 SEAT PACKAGE U01 NAVIGATION & P/ PACKAGE		
Canton (NMM)	5/31/2007	7	7/5/2007							TION & PAX
Dir Reti Last VC	-		ALCOLDS					U35 N	AVIGA	TION
Code Reg	gion	Name			City	s	the state of the s			IAL SCREEN
3345 24	s	STAR NISSAN, INC. NILES					1	W95 CARGO COVER		
1847 24			State Section							
Code-Component TL	Desc		Code-Symp T	L Desc	-	r Mode TL	Desc			np TL Desc
Code-Component TL INSTRUMENTS & Code-Amb Humidity	Desc GAUGES		Code-Symp Ti GAUGES/W emp TL Desc	L Desc		r Mode TL	Desc	NOT ID	ENTIF	TED
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED	Desc GAUGES	Code-Amb T	Code-Symp T GAUGES/W Temp TL Desc TIFIED	L Desc ARNING L Code-Prob	Code-Ope	r Mode TL NTIFIED Category NOT IDI	Desc I	Desc	ENTIF Date-I 1/1/0	TED
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL	Desc GAUGES	Code-Amb T NOT IDEN	Code-Symp T GAUGES/W Temp TL Desc TIFIED	L Desc ARNING L Code-Prob	Code-Ope	r Mode TL NTIFIED Category NOT IDI	Desc	Desc	ENTIF Date-I 1/1/0	FIED Incd TL 001
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11	Desc GAUGES TL Desc	Code-Amb T NOT IDEN Flag-FSSS 7 N	Code-Symp Tr GAUGES/W emp TL Desc TIFIED 'L	L Desc ARNING L Code-Prob Flag-NNA I N	Code-Ope	NTIFIED Category NOT IDI Date-NN/ 2/29/201	Desc	NOT ID Desc D ion Flag	ENTIF Date- 1/1/0 Numb	FIED Incd TL 001 er-Project TL
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail	Desc GAUGES TL Desc	Code-Amb T NOT IDEN Flag-FSSS 7 N	Code-Symp Tr GAUGES/W emp TL Desc TIFIED 'L EASONABL	L Desc ARNING L Code-Prob Flag-NNA I N	Code-Ope	NTIFIED Category NOT IDI Date-NN/ 2/29/201	Desc	NOT ID Desc D ion Flag Fl	ENTIF Date-I 1/1/0 Numb	FIED Incd TL 001 eer-Project TL achment TL: N Parts Shipped TL
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N	Desc GAUGES TL Desc all TL Desc:	Code-Amb T NOT IDEN Flag-FSSS T N RI Date-Parts R 1/1/01	Code-Symp Tr GAUGES/W emp TL Desc TIFIED 'L EASONABL	L Desc ARNING L Code-Prob Flag-NNA I N E CALL F(Name-Part:	Code-Ope IT NOT IDE Freq TL Desc Inspection TL OR ASSISTA s For TL	ANCE	Desc	NOT ID Desc D ion Flag Fl	ENTIF Date-I 1/1/0 Numb lag-Atta Date-I	FIED Incd TL 001 eer-Project TL achment TL: N Parts Shipped TL
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL:	Desc GAUGES TL Desc all TL Desc:	Code-Amb T NOT IDEN Flag-FSSS 7 N Date-Parts R 1/1/01 CLOSED D	Code-Symp Tr GAUGES/W Temp TL Desc TIFIED TL EASONABL Tequest TL	ARNING L Code-Prob Flag-NNA I N E CALL F(Name-Parts	Code-Ope IT NOT IDE Freq TL Desc Inspection TL OR ASSISTA s For TL	ANCE	Desc	NOT ID Desc D ion Flag Fl	ENTIF Date-I 1/1/0 Numb lag-Atta Date-I	FIED Incd TL 001 eer-Project TL achment TL: N Parts Shipped TL
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Deso Text-Dealer Followup	Desc GAUGES TL Desc all TL Desc:	Code-Amb T NOT IDEN Flag-FSSS T N Date-Parts R 1/1/01 CLOSED D F- CLOSED	Code-Symp Tr GAUGES/W Temp TL Desc TIFIED TL EASONABL Tequest TL URING SFD	ARNING L Code-Prob Flag-NNA I N E CALL F(Name-Parts	Code-Ope IT NOT IDE Freq TL Desc Inspection TL OR ASSISTA s For TL	ANCE	Desc	NOT ID Desc D ion Flag Fl	ENTIF Date-I 1/1/0 Numb lag-Atta Date-I	FIED Incd TL 001 eer-Project TL achment TL: N Parts Shipped TI
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Deso Text-Dealer Followup M ** CUSTOMER CO - VEHICLE STATE	Desc GAUGES TL Desc all TL Desc: c: c: c: c: c: c: c: c: c: c: c: c: c	Code-Amb T NOT IDEN Flag-FSSS T N Date-Parts R 1/1/01 CLOSED D F- CLOSED	Code-Symp Tr GAUGES/W Temp TL Desc TIFIED TL EASONABL Tequest TL URING SFD D (RESOLVE	ARNING L Code-Prob Flag-NNA I N E CALL FC Name-Parts	Code-Ope IT NOT IDE Freq TL Desc Inspection TL OR ASSISTA IS For TL	Ar Mode TL NTIFIED Category NOT IDE Date-NN/ 2/29/201 ANCE Date-Part 1/1/01	Desc II -incd TL ENTIFIE A Inspect 12	NOT ID Desc D ion Flag Fl	ENTIF Date-I 1/1/0 Numb lag-Atta Date-I	FIED Incd TL 001 eer-Project TL achment TL: N Parts Shipped TI
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC - VEHICLE STATE OF FUEL. ** DEALER ACTIC	Desc GAUGES TL Desc TL Desc all TL Desc: C Comment TL C Comment TL C C C C C C C C C C C C C	Code-Amb T NOT IDEN Flag-FSSS T N Date-Parts R 1/1/01 CLOSED D F- CLOSED	Code-Symp Tr GAUGES/W Temp TL Desc TIFIED TL EASONABL Tequest TL URING SFD D (RESOLVE	ARNING L Code-Prob Flag-NNA I N E CALL FC Name-Parts	Code-Ope IT NOT IDE Freq TL Desc Inspection TL OR ASSISTA IS For TL	Ar Mode TL NTIFIED Category NOT IDE Date-NN/ 2/29/201 ANCE Date-Part 1/1/01	Desc II -incd TL ENTIFIE A Inspect 12	NOT ID Desc D ion Flag Fl	ENTIF Date-I 1/1/0 Numb lag-Atta Date-I	FIED Incd TL 001 eer-Project TL achment TL: N Parts Shipped TL
Code-Component TL INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC - VEHICLE STATE OF FUEL.	Desc GAUGES TL Desc all TL Desc all TL Desc c c c c c c c c c c c c c c c c c c	Code-Amb T NOT IDEN Flag-FSSS T N Date-Parts R 1/1/01 CLOSED D F- CLOSED S TO EMPT	Code-Symp Tr GAUGES/W emp TL Desc TIFIED TL EASONABL request TL URING SFD 0 (RESOLVE	L Desc ARNING L Code-Prob Flag-NNA I N E CALL F(Name-Part: C MIGRAT ED)	Code-Ope IT NOT IDE Freq TL Desc Inspection TL OR ASSISTA IS For TL	Ar Mode TL NTIFIED Category NOT IDE Date-NN/ 2/29/201 ANCE Date-Part 1/1/01	Desc II -incd TL ENTIFIE A Inspect 12	NOT ID Desc D ion Flag Fl	ENTIF Date-I 1/1/0 Numb lag-Atta Date-I	FIED Incd TL 001 eer-Project TL achment TL: N Parts Shipped Ti





- CURRENTLY IN DATA MONITOR 28 LITERS OF FUEL IS DISPLAYED, AND GAUGE

SHOWS 1/4.

** TSS RECOMMENDATION/RESULT:

- DRAIN TANK AND CHECK RESISTANCE AT PINS 4, AND 6 OF COMBINATION METER.

- IF RESISTANCE IS 81 OHMS, OPERATION IS NORMAL.

- IF NOT EVALUATE FOR AN OBSTRUCTION IN TANK RESTRICTING FLOAT.





Text-Incd Desc TL MIL FUEL LEVEL SER Code-TSS1 TL 132 Code-Series TL M V42 2 Mileage-Initial TL M 00000000 0 Code-Engine Prefix VC M VQ35 6 Name-Plant VC D Canton (NMM) 8/ DIr Reti Last VC	Code Z - 1 IY Full TL 007 Weage-Current TL 95200	e-TSS1 TL Na STEVE RE Code-Mode QST Code-NNA 10217	HBINE I Line TL Model VC	VIN-TL 5N1BV28U Code-Body T VAN Code-Vehicle	012 2/3 J37N	Installed B10 S C03 5 VEHICL F95 C	2/3/14 me-Caller TL Options SPLASH GUARDS 50 STATE EMISSION	
MIL FUEL LEVEL SER Code-TSS1 TL 132 Code-Series TL V42 Mileage-Initial TL 0000000 Code-Engine Prefix VC VQ35 Name-Plant VC Dir Reti Last VC	N/CIR LOW Code Z - 3 IY Full TL 007 Weage-Current TL 95200 umber-Engine Serial Vi 19877 ate-Manufacture VC	Code-Mode QST Code-NNA 10217 C Code-Trans A	me HBINE I Line TL Model VC	VIN-TL 5N1BV28U Code-Body T VAN	J37N	Na installed B10 S C03 5 VEHICL F95 C	me-Caller TL I Options SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER	
MIL FUEL LEVEL SER Code-TSS1 TL 132 Code-Series TL V42 Mileage-Initial TL Mileage-Initial TL 00000000 Code-Engine Prefix VC VQ35 Amme-Plant VC Dir Reti Last VC	Code Z - 3 IY Full TL 007 Weage-Current TL 95200 umber-Engine Serial V 19877 ate-Manufacture VC	Code-Mode QST Code-NNA 10217 C Code-Trans A	HBINE I Line TL Model VC	5N1BV28U Code-Body T VAN		Installed B10 S C03 5 VEHICL F95 C	I Options SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER	
Code-TSS1 TL 132 Code-Series TL M V42 Mileage-Initial TL M 0000000 09 Code-Engine Prefix VC N VQ35 6 Name-Plant VC D Canton (NMM) BI DIr Reti Last VC	Code Z - 3 IY Full TL 007 Weage-Current TL 95200 umber-Engine Serial V 19877 ate-Manufacture VC	Code-Mode QST Code-NNA 10217 C Code-Trans A	HBINE I Line TL Model VC	5N1BV28U Code-Body T VAN		Installed B10 S C03 5 VEHICL F95 C	I Options SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER	
132 Code-Series TL M V42 2 Mileage-Initial TL M 00000000 09 Code-Engine Prefix VC M VQ35 6 Name-Plant VC D Canton (NMM) 8/ Dir Reti Last VC M	Z - : IY Full TL 007 Weage-Current TL 95200 umber-Engine Serial Vi 19877 ate-Manufacture VC	Code-Mode QST Code-NNA 10217 C Code-Trans A	HBINE I Line TL Model VC	5N1BV28U Code-Body T VAN		Installed B10 S C03 5 VEHICL F95 C	I Options SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER	
Code-Series TL M V42 2 Mileage-Initial TL M 0000000 09 Code-Engine Prefix VC N VQ35 6' Name-Plant VC D Canton (NMM) 8/ Dir Reti Last VC	IY Full TL 007 Weage-Current TL 95200 umber-Engine Serial Vi 19877 ate-Manufacture VC	Code-Mode QST Code-NNA 10217 C Code-Trans A	l Line TL Model VC	5N1BV28U Code-Body T VAN		B10 S C03 5 VEHICL F95 C	SPLASH GUARDS 60 STATE EMISSION E CARGO ORGANIZER	
V42 2 Mileage-Initial TL M 00000000 09 Code-Engine Prefix VC M VQ35 6 Name-Plant VC D Canton (NMM) 8/ Dir Retl Last VC	007 Weage-Current TL 95200 umber-Engine Serial V 19877 ate-Manufacture VC	QST Code-NNA 10217 C Code-Trans A	Model VG	5N1BV28U Code-Body T VAN		B10 S C03 5 VEHICL F95 C	SPLASH GUARDS 60 STATE EMISSION E CARGO ORGANIZER	
Mileage-Initial TL M 00000000 09 Code-Engine Prefix VC M VQ35 6 Name-Plant VC D Canton (NMM) 8/ Dir Reti Last VC D	lileage-Current TL 95200 umber-Engine Serial Vi 19877 ate-Manufacture VC	Code-NNA 10217 C Code-Trans A		Code-Body T		C03 5 VEHICL F95 C	O STATE EMISSION E ARGO ORGANIZER	
0000000 09 Code-Engine Prefix VC N VQ35 69 Name-Plant VC D Canton (NMM) 8/ Dir Retl Last VC	95200 umber-Engine Serial V 19877 ate-Manufacture VC	10217 C Code-Trans A		VAN	ype TL	VEHICL F95 C	E ARGO ORGANIZER	
Code-Engine Prefix VC N VQ35 6 Name-Plant VC D Canton (NMM) 8 Dir Reti Last VC	umber-Engine Serial V 19877 ate-Manufacture VC	C Code-Trans	Type VC	1		3 5 6 1 9		
VQ35 6 Name-Plant VC D. Canton (NMM) 8/ Dir Reti Last VC	19877 ate-Manufacture VC	A	Type VC	Code-Vehicle			LUUKIMAIS	
Name-Plant VC D. Canton (NMM) 8/ Dir Reti Last VC	ate-Manufacture VC			K11	Color VC	S01 S	MICROFILTER EAT PACKAGE CARGO COVER	
Canton (NMM) 8/ Dir Reti Last VC		Date-In Oct	vice TI	Code-Distribu	itor TI		CANGO COVER	
Dir Reti Last VC		3/17/2007	nos fil	USA				
		0/11/2007		UUA		-		
Code Region	Name			City	State			
3474 44	CAPITOL N	ISSAN		SAN JOSE				
5222 44 Code-Component TL Des	a land	Code-Symp TL	Desc		CA Mode TL Desc	1	per Temp TL Desc	
ECCS (SENSORS & S Code-Amb Humidity TL D NOT IDENTIFIED				T NOT IDE	Category-Incd	TL Desc	Date-Incd TL	
Code-TREAD TL	Flag-FSSS Ti N	TL Flag-NNA		nspection TL	Date-NNA Insp 3/14/2012	ection Flag	Number-Project TL	
		ASONABL		OR ASSISTA				
Code-Reason For Call TL Flag-Parts Avail	Date-Parts Re		Name-Parts		Date-Parts Red		lag-Attachment TL: N Date-Parts Shipped T	
N	1/1/01		unto anto	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1/1/01		1/1/01	
Text-Solution TL:	CLOSED DI	IRING SED		ION			1	
Code-Status TL Desc:	F- CLOSED							
Text-Dealer Followup Con	Card Ser	THE OUT L	-1					
M	in the real							
** CUSTOMER COMM	IENT:							
- MIL IS ON, FUEL GA								
** DEALER ACTION/C	BSERVATION							
** VERIFIED Y REPAI			4					
- MIL P0462 FUEL LE								



- FUEL GAUGE CURRENTLY READS FULL.

- CHECKING CIRCUIT BETWEEN PIN 5 OF FULE PUMP TO COMBO METER AND

HAS CONTINUITY TO GROUND.

- UNABLE TO LOCATE SOURCE OF GROUND IN HARNESS.

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- MIL IS ON, FUEL GAUGE IS JUMPING.-** DEALER ACTION/OBSERVATION:** VERIFIED

- TSS ADVISED CICUIT HAS SPLICE TO ECM NO LISTED IN DI-12 WIRING DIAG.

L SEN/CIR LOW- FUEL GAUGE CURRENTLY READS FULL.- CHECKING CIRCUIT BETWEEN PIN 5 OF FULE PUMP

- REFERRED TO EC-312 TO SHOW LEG OF CIRCUIT TO ECM.

CATE SOURCE OF GROUND IN HARNESS.** TSS RECOMMENDATION/RESULT:- TSS ADVISED CICUIT HAS SPLIC

- TSS ADVISED TO CHECK FUEL LEVEL VALUE, COMPARE TO FUEL GAUGE READING

12 TO SHOW LEG OF CIRCUIT TO ECM.- TSS ADVISED TO CHECK FUEL LEVEL VALUE, COMPARE TO FUEL GAU PER DI-21.

- MEASURE RESISTANCE OF FUEL LEVEL SENDER PER DI-23.

NDER PER DI-23.





ID-Report TL							
ID-Report TL Code	e-Record Type TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revisior	n TL Date-Close TL
	MINI		0	3/27/2	012	2/3/14	2/3/14
Text-Incd Desc TL							
SES LT ON P0462,	F GAUGE FLUCTUAT	ES			_	_	
Code-TSS1 TL	Code	TSS1 TL Na	ame			N	ame-Caller TL
134	Z - E						
Code-Series TL	MY Full TL	Code-Mode	el Line TL	VIN-TL	72	Installe	d Options
V42	2007	QST		5N1BV28	U37N		SPLASH GUARDS
Mileage-Initial TL 0000000	Mileage-Current TL 140210	10317 VAN		VEHICI F95	50 STATE EMISSION LE CARGO ORGANIZER FLOOR MATS		
Code-Engine Prefix VC	Number-Engine Serial VC	Code-Tran:	s Type VC	Code-Vehicle	e Color VC	M10	MICROFILTER ROOF RAIL CROSS
	1200460	And and a second second			utor TI	100 million (11)	SEAT PACKAGE
Name-Plant VC Canton (NMM)	Date-Manufacture VC 5/8/2006	Date-In Sei	VICE IL	Code-Distribu	nor TL	V01	DVD SINGLE SCREEN
Dir Reti Last VC Code Regiu 2611 34 Segu Dir Ti	on Name ASHEBORC) NISSAN,		City ASHEBORC	1.4	ate	
Serv Dir TL				0.4			
Code Regi 2611 34			ING	City ASHEBORO	Sta		
Code-Component TL L		ode-Symp Ti	L Desc	Code-Oper	r Mode TL D	esc Code-C	Oper Temp TL Desc
EMISSIONS CONT			GINE LIGH				DENTIFIED
Code-Amb Humidity Ti	L Desc Code-Amb Ter		Code-Prop	Freg TL Desc	NOT IDE		Date-Incd TL 1/1/0001
				appendian TI			
Code-TREAD TL	Flag-FSSS TL N		N	nspection TL	3/27/2012		g Number-Project TL
	100						
Code-Reason For Call	Lane and			DR ASSISTA		1.	Flag-Attachment TL:
Flag-Parts Avail	Date-Parts Rec	juest IL	Name-Parts	POTIL	Date-Parts	Recvall	Date-Parts Shipped
N	1/1/01		C MICDAT		1/1/01		1/1/01
Text-Solution TL:	CLOSED DU						
Code-Status TL Desc:	An owned by the	RESOLVE	:D)			-	
Text-Dealer Followup (M	Comment TL:						
** CUSTOMER CO	MMENT:						
- C-STS CHECK EN	IGINE LIGHT ON, FUE	L GAUGE	FLUCTUA	TES WHILE	DRIVING		
** DEALER ACTION	N/OBSERVATION:						
** VERIFIED Y REF	AIR ATTEMPTS 1_ DA	YS DOWN	11				
- INCIDENT DUPLI	CATED P0462 FUEL L	EVEL SEN	CIR LOW	(7K) STOP	RED		
- TECH CHECKED	CONNECTIONS AT SE	NDING UN		EPLACED S	ENDING U	NIT.	



60

- INCIDENT RETURNED ON TEST DRIVE

- TECH OHM CHECKED SENDING UNIT TO COMBOMETER AND IT IS READING THE

CORRECT LEVEL OF FLUID IN TANK

- WHEN MOVING THE CONNECTOR AT COMBOMETER, THE GAUGE WILL FLUCTUATE

** TSS RECOMMENDATION/RESULT:

- IF NO LOOSE TERMINAL INCIDENT AND THERE IS PROPER GROUND TO

COMBOMETER, REPLACE COMBOMETER AND RECHECK FOR ANY FURTHER INCIDENT





ID-Report TL										
ID-Report TL Cod	de-Record Type TL Desc MINI	Number	r-Revision TL 0	Date-0	Open TL 2012	Date-Re 3/10/14	vision T	L Date-Close TL 3/10/14		
Text-Incd Desc TL										
ENGINE STALLS	WHILE DRIVING									
Code-TSS1 TL	C	ode-TSS1 TL N	ame				Nam	e-Caller TL		
170	Z	- ADAM SA	CKNER	1		1				
Code-Series TL V42	MY Full TL 2007	Code-Model Line TL VIN-TL QST 5N1BV28U97N				в	10 SP			
Mileage-Initial TL 0	Mileage-Current TL	Code-NNA	Model VC	Code-Body Type TL		VI	EHICLE 69 HC	STATE EMISSION		
	/C Number-Engine Seria 733162	I VC Code-Tran	s Type VC	Course of the second	Code-Vehicle Color VC		10 MI 92 RC	OOR MATS CROFILTER OOF RAIL CROSS		
Name-Plant VC	Plant VC Date-Manufacture VC Date-In Se n (NMM) 7/24/2007 10/29/20					P	BARS P01 SL UPGRADE PACKAGE S01 SEAT PACKAGE			
Canton (NMM) Dir Reti Last VC Code Req	Theread	10/29/200		USA		(A)		ARGO COVER		
3396 26	NOT ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	RNISSAN		CAMP HILL		Sidle				
Serv Dir TL Code Reg 3396 26 Code-Component TL	BRENNE	ER NISSAN	1	City CAMP HILL Code-Ope		State PA	ode-Ope	r Temp TL Desc		
INSTRUMENTS &		ENGINE ST			NTIFIED			NTIFIED		
Code-Amb Humidity	TL Desc Code-Amb	Temp TL Desc	Code-Prob	Freq TL Desc		-incd TL D		Date-Incd TL		
Code-TREAD TL	Flag-FSSS N	: 7L	Flag-NNA In	nspection TL	Date-NN 4/13/20		n Flag I	Number-Project TL		
Code-Reason For Ca		REASONABL	14.5	OR ASSIST	1000000		Fla	g-Attachment TL: N		
Flag-Parts Avail N	Date-Parts 1/1/01	Request TL	Name-Parts	For TL	Date-Par 1/1/01	ts Recvd T	L	Date-Parts Shipped TL		
Text-Solution TL:	CLOSED	DURING SFD	C MIGRAT	ION						
Code-Status TL Desc	F- CLOSE	ED (RESOLVE	ED)							
Text-Dealer Followup M	Comment TL:									
** CUSTOMER CC - VEHICLE STALL -	DMMENT: .ED OUT WHILE DRI	VING. CRANI	KS NO STA	RT						
** VERIFIED Y RE	DN/OBSERVATION: PAIR ATTEMPTS _2 MPTY AND GAUGE									





DTATA TECH COMPLETED DATA MONITOR OF FUEL LEVEL AT 34 LITERS

- HAS 12V AT PIN 2 OF FUEL LEVEL SENSOR UNIT

- HAS .014V AT PIN 5 OF CONNECTOR

- PIN 5 HAS CONTINUITY TO GROUND

- IF SENSOR IS CHECKED FOUND 82 EMPTY AND 5 FULL

- FUEL SENDING UNIT REPLACED - NO CHANGE

- IF M115 OR F14 DISCONNECTED SHORT WILL GO AWAY AT PIN 5

Created by Adam Sackner at 2014-02-02 17:00:00

Created by Adam Sackner at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- VEHICLE STALLED OUT WHILE DRIVING. CRANKS NO START-** DEALER ACTION/OB

- DISCONNECT M114 AND B104 CHECK FOR SHORT TO GROUND ON EITHER SIDE

EL TANK IS EMPTY AND GAUGE IS READING 1/2- DTATA TECH COMPLETED DATA MONITOR OF FUEL LEVEL AT

- IF FOUND ON B104 REPLACE BODY HARNESS

AS .014V AT PIN 5 OF CONNECTOR- PIN 5 HAS CONTINUITY TO GROUND- IF SENSOR IS CHECKED FOUND 82 EM

- IF M115 OR F14 DISCONNECTED SHORT WILL GO AWAY AT PIN 5** TSS RECOMMENDATION/RESULT:- DISCON

IDE- IF FOUND ON B104 REPLACE BODY HARNESS





ID-Report TL				_					0	
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Revision	TL	Date-Close TL	
	1			0	4/17/2	012	2/3/14		2/3/14	
Text-Incd Desc TL										
FUEL GAUGE RE	ADS 1/4 R	AN OUT OF	GAS						_	
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame			Ni	ame-C	Caller TL	
132		z-	STEVE RE	HBINE			-			
Code-Series TL V42	MY Full T 2007	L	Code-Mode	el Line TL	VIN-TL 5N1BV28	U47N	B10			
Mileage-Initial TL 0000000	Mileage-0	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	VEHICI L92 I	VEHICLE		
Code-Engine Prefix V	/C Number-E	Engine Serial V	C Code-Tran	s Type VC	Code-Vehicle	e Color VC				
VQ35 Name-Plant VC	612680 Date-Mar	ufacture VC	A Date-In Ser	rvice TL	K12 Code-Distribu	utor TL				
Canton (NMM) Dir Reti Last VC	8/7/2006	1	1/19/2007		USA					
Code Reg 3345 24	lion	Name STAR NIS	SAN, INC.		City NILES	St	ate			
Serv Dir TL Code Reg 38061 24	jion	Name AL PIEMO	NTE NISSA		City MELROSE I		ate	_		
Code-Component TL	Desc		Code-Symp T	L Desc	Code-Ope	r Mode TL D	Desc Code-C	per Te	emp TL Desc	
INSTRUMENTS & Code-Amb Humidity		1	emp TL Desc		T NOT IDE		ncd TL Desc	Date-Incd TL 1/1/0001		
Code-TREAD TL		Flag-FSSS T	L	Flag-NNA In N	spection TL	Date-NNA		g Nun	nber-Project TL	
Code-Reason For Ca	II TI Desc-		ASONABI		RASSISTA			Flag_A	Attachment TL: N	
Flag-Parts Avail	# 12 D000.	Date-Parts R		Name-Parts		Date-Parts	an and	1	e-Parts Shipped TL	
Text-Solution TL		CLOSED D	URING SFD	C MIGRAT	ION					
Code-Status TL Desc	N	F- CLOSED	(RESOLVE	ED)						
Text-Dealer Followup M	Comment 1	L:								
** CUSTOMER CC - VEHICLE RUNS		UEL WITH F	UEL GAUG	E READING	G 1/4.					
** DEALER ACTIC			AYS DOWN	11						
- TECH HAS NOT	VERIFIED	INCIDENT.								





- FUEL GAUGE CURRENTLY READS 1/2 TANK.

- NO DTCS PRESENT/PAST.

** TSS RECOMMENDATION/RESULT:

- TSS ADVISED TO CHECK FUEL VALUE AS COMPARED TO FUEL TANK LEVEL ON

COMBO METER USING C3.

- COMPLETE COMBO METER ACTIVE GAUGE SWEEP TEST/TAP ON METER.

- CHECK CONNECTION AND HARNESS FOR ANY ISSUES.

- CHECK WIRE HARNESS ON FLOORBOARD NEAR THE 2ND AND 3RD ROW SEATS.

- INSPECT BODY HARNESS AT RIGHT REAR FENDER WELL AREA.

- CHECK FUEL SENDER RESISTANCE INSPEC FROM EMPTY TO FULL.





ID-Report TL									
ID-Report TL Coo		ype TL Desc	Number	-Revision TL	Date-C	open TL 2012	Date-Revision 2/3/14	TL Date-Close TL 2/3/14	
Text-Incd Desc TL									
FUEL GAUGE INA	CCURATI								
Code-TSS1 TL		Code	e-TSS1 TL Na	ame			Na	me-Caller TL	
104		z -	DONALD	PERRYM	AN				
Code-Series TL V42	MY Full T 2007	L	Code-Mode	el Line TL	VIN-TL 5N1BV28	U07N	B10 S	SPLASH GUARDS	
Mileage-Initial TL			Code-NNA Model VC		Code-Body 7	Type TL	VEHICL	50 STATE EMISSION E LOOR MATS	
0000000		L.	10217		VAN			SEAT PACKAGE	
Code-Engine Prefix V VQ35	C Number-E	Engine Serial V	C Code-Tran: A	s Type VC	Code-Vehicle	e Color VC	INSPEC		
Name-Plant VC Canton (NMM)	Date-Mar	nufacture VC	/C Date-In Service TL Code-Distributor TL 1/3/2007 USA						
Dir Reti Last VC Code Reg	The Perce	Name	1.200		City	Sta	ate		
Serv Dir TL Code Reg 2766 24	lion	Name	SAN		City CHAMPAIG		ate		
Code-Component TL			Code-Symp Ti GAUGES/W		Code-Ope	r Mode TL D		per Temp TL Desc	
Code-Amb Humidity	the second second		emp TL Desc		Freq TL Desc	1	ncd TL Desc	Date-Incd TL 1/1/0001	
Code-TREAD TL		Flag-FSSS T	L	Flag-NNA li N	nspection TL	Date-NNA 5/10/2012		Number-Project TL	
Code-Reason For Ca	II TL Desc	R	ASONABL	E CALL FO	OR ASSISTA	NCE	F		
Flag-Parts Avail		Date-Parts Re	equest TL	Name-Parts	s For TL	Date-Parts	Recvd TL	Date-Parts Shipped T	
N Text-Solution TL: Code-Status TL Desc		1/1/01 CLOSED D			ION	1/1/01		1/1/01	
Text-Dealer Followup	Sec. 1		INCOULVE						
M									
** CUSTOMER CO	MMENT:								
VEHICLE WILL N	IOT STAR	т.							
** DEALER ACTIC			AYS DOWN	11					
- VEHICLE IS OUT									
- GAUGE SHOWS	1/2 TANK	2							





- FUEL DATA SHOWS 30 LITERS.

- TECH IS CERTAIN TANK IS EMPTY.

** TSS RECOMMENDATION/RESULT:

- PERFORM RESISTANCE TEST AT PINS 2 AND 5 OF FUEL LEVEL SENSOR.

- CHECK RESISTANCE AT PINS 6 AND 4 OF COMBINATION METER.

- IF TANK IS TRULY EMPTY AND SENDING UNIT RESISTANCE IS NEAR 80 OHMS, A

REPLACE COMBINATION METER.

** UPDATE 5-14-12 TSS RP

- TECH FOUND 10.6V FROM METER TO SENDER AND HAS 12.2V BATTERY VOLTAGE

** VERIFY POWER AND GROUND TO METER (DI-11)

- REPLACE METER IF POWER AND GROUND IN SPEC





ID-Report TL								
ID-Report TL Coo	le-Record Ty	/pe TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revision	TL Date-Close TL
	N	INI		0	5/15/2	012	4/9/14	3/10/14
Text-Incd Desc TL								
P0462 FUEL LEVE	L SEN/CI	RLOW						
Code-TSS1 TL		Cod	e-TSS1 TL Na	ume			Na	ame-Caller TL
138		z -	RYAN PIC	KELL				
Code-Series TL	MY Full T	L	Code-Mode	l Line TL	VIN-TL	000	Installe	d Options
V42	2007		QST		5N1BV28	U47N	C05 EMISS	CANADIAN
Mileage-Initial TL	Mileage-C	urrent TL	Code-NNA	Model VC	Code-Body 7	ype TL	and the second second	SEAT PACKAGE
0	302546		20217					
Code-Engine Prefix V	C Number-E	ingine Serial V	C Code-Trans	s Type VC	Code-Vehicle	e Color VC		
VQ35	587354		A		A15	-	1	
Name-Plant VC	Date-Man	ufacture VC	Date-In Ser	vice TL	Code-Distribi	utor TL		
Canton (NMM)	6/2/2006		1/19/2007		USA			
Dir Reti Last VC								
Code Reg	ion	Name		0	City	Sta	te	
NI 1		NI		1	41	NI	-	
Code Reg 43215 3		Name BAYWEST			Dity DWEN SOU			
Code-Component TL			Code-Symp Ti GAUGES/W		and the second	r Mode TL De		per Temp TL Desc
Code-Amb Humidity 1	TL Desc		emp TL Desc	Code-Prob F	reg TL Desc	Category-In		Date-Incd TL
NOT IDENTIFIED		NOT IDEN		and the second		NOT IDEN		1/1/0001
Code-TREAD TL		Flag-FSSS 7	L	Flag-NNA In:	spection TL	and the second second		g Number-Project TL
11	-	N	Longe	N	and reflect	5/16/2012		7K
Code-Reason For Cal	ITL Desc:		EASONABL	E CALL FO	R ASSISTA	NCE	-	Flag-Attachment TL: N
Flag-Parts Avail		Date-Parts R	equest TL	Name-Parts	For TL	Date-Parts I	Recvd TL	Date-Parts Shipped T
N		1/1/01	-	10000	51	1/1/01		1/1/01
Text-Solution TL:		CLOSED D	URING SFD	C MIGRATI	ON			
Code-Status TL Desc.		F- CLOSED	(RESOLVE	D)	_			
Text-Dealer Followup	Comment T	L						
M								
M ** CUSTOMER CO - FUEL GAUGE EF								
** CUSTOMER CO	RRATIC	VATION:	_					
** CUSTOMER CO - FUEL GAUGE EF -	RRATIC		AYS DOWN	11				





P0462 FUEL LEVEL SEN/CIR LOW (7K)

- REPLACED SENDER - NO CHANGE

- NO AFTERMARKET EQUIPMENT

Created by Ryan Pickell at 2014-02-02 17:00:00

Created by Ryan Pickell at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- FUEL GAUGE ERRATIC-** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR AT1

- LOAD TEST SENDER CIRCUIT FROM SENDER TO METER

- CHECK PIN FIT AT SENDER AND METER

EL SEN/CIR LOW (7K)- REPLACED SENDER - NO CHANGE- NO AFTERMARKET EQUIPMENT** TSS RECOMMEN

ETER- CHECK PIN FIT AT SENDER AND METER- REPLACE METER IF LOAD AND PIN TESTS PASS

- REPLACE METER IF LOAD AND PIN TESTS PASS





	-									
ID-Report TL Cod	de-Record Ty	pe TL Desc	Number-	Revision TL	Date-C	open TL	Date-Revisio	on TL	Date-Close TL	
	N	IINI		0	5/21/2	012	2/3/14		2/3/14	
Text-Incd Desc TL										
RAN OUT OF FUE	L SHOWIN	IG 1/8 TANK	<				_			
Code-TSS1 TL		Cod	e-TSS1 TL Na	me				Vame-	Caller TL	
102		z.	MICHAEL	LEMMON	S		-			
Code-Series TL	MY Full TL	L	Code-Mode	I Line TL	VIN-TL	1.1	Install	ed Opi	tions	
V42	2007		QST		5N1BV28	UX7N	B10		ASH GUARDS	
Mileage-Initial TL	Mileage-C	urrent TL	Code-NNA I	Model VC	Code-Body 7	C03 VEHIC	CLE	TATE EMISSION		
0000000	117698		10417		VAN	G03 PACH	SL S	W/XM		
Code-Engine Prefix V	C Number-E	ingine Serial V	C Code-Trans	Type VC	Code-Vehicle	e Color VC	K69	1.1	IELINK CARD	
VQ35	604745		A		C50		M10	MICF	ROFILTER	
Name-Plant VC	Date-Man	ufacture VC	Date-In Serv	vice TL	Code-Distribu	utor TL		P01 SL UPGRADE PACKAGE		
Canton (NMM)	7/20/200	6	9/13/2006		USA	S01 V01		T PACKAGE SINGLE SCREEN		
Dir Reti Last VC							W95		GO COVER	
Code Reg	lion	Name			City	St	ate			
32037 24	_	SOUTHLA	KE NISSAN	INC	MERRILLVI	LLE	-			
5244 24		BOB ROH	RMAN NISS	AN	BURNS HA	RBOR IN			-	
Code-Component TL			Code-Symp TL			r Mode TL L			Temp TL Desc	
Code-Component TL INSTRUMENTS & Code-Amb Humidity T NOT IDENTIFIED	GAUGES		GAUGES/W/	ARNING LI		NTIFIED	NOT	IDEN Da	Temp TL Desc TIFIED Ite-Incd TL 1/0001	
INSTRUMENTS &	GAUGES	Code-Amb Ti	GAUGES/W/ emp TL Desc TIFIED	ARNING LI		NTIFIED Category-I NOT IDE	NOT Incd TL Desc	Da	TIFIED te-Incd TL	
INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL	GAUGES	Code-Amb Tr	GAUGES/W/ emp TL Desc TIFIED L	ARNING LI	T NOT IDE	NTIFIED Category-I NOT IDE	NOT Incd TL Desc NTIFIED Inspection Fl	Da	TIFIED te-Incd TL 1/0001	
INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL	GAUGES TL Desc	Code-Amb To NOT IDENT Flag-FSSS To N	GAUGES/W/ emp TL Desc TIFIED L	ARNING LI Code-Prob I Flag-NNA Ir N	T NOT IDE	NTIFIED Category-I NOT IDE Date-NNA 5/21/2012	NOT Incd TL Desc NTIFIED Inspection Fl	IDEN Da 1/1 ag Nu	TIFIED te-Incd TL 1/0001 mber-Project TL	
INSTRUMENTS & Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca	GAUGES TL Desc	Code-Amb To NOT IDENT Flag-FSSS To N	GAUGES/W/ emp TL Desc TIFIED L EASONABLE	ARNING LI Code-Prob I Flag-NNA Ir N	T NOT IDE Freq TL Desc Inspection TL	NTIFIED Category-I NOT IDE Date-NNA 5/21/2012	NOT Incd TL Desc NTIFIED Inspection Fl	IDEN Da 1/1 ag Nu Flag-	TIFIED Ite-Incd TL 1/0001 Imber-Project TL Attachment TL: N	
INSTRUMENTS & Code-Amb Humidity : NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail	GAUGES TL Desc	Code-Amb To NOT IDENT Flag-FSSS T N	GAUGES/W/ emp TL Desc TIFIED L EASONABLE	ARNING LI Code-Prob I Flag-NNA In N E CALL FC	T NOT IDE Freq TL Desc Inspection TL	NTIFIED Category-I NOT IDE Date-NNA 5/21/2012	NOT Incd TL Desc NTIFIED Inspection Fl	IDEN Da 1/1 ag Nu Flag- Da	TIFIED Ite-Incd TL 1/0001 Imber-Project TL Attachment TL: N	
INSTRUMENTS & Code-Amb Humidity : NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail	GAUGES TL Desc	Code-Amb To NOT IDENT Flag-FSSS To N RI Date-Parts Ro 1/1/01	GAUGES/W/ emp TL Desc TIFIED L EASONABLE	ARNING LI Code-Prob I Flag-NNA Ir N E CALL FC Name-Parts	T NOT IDE Freq TL Desc Inspection TL OR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 5/21/2012 NCE Date-Parts	NOT Incd TL Desc NTIFIED Inspection Fl	IDEN Da 1/1 ag Nu Flag- Da	TIFIED te-Incd TL 1/0001 mber-Project TL Attachment TL: N te-Parts Shipped Tu	
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INSTRUMENTS & Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC - VEHICLE CUT O	GAUGES TL Desc TL Desc III TL Desc: Comment Ti Comment Ti FF WHILE	Code-Amb Tr NOT IDENT Flag-FSSS T N Date-Parts R 1/1/01 CLOSED D F- CLOSED L DRIVING O	GAUGES/W/ emp TL Desc TIFIED L EASONABLE equest TL URING SFD (RESOLVE	ARNING LI Code-Prob I Flag-NNA Ir N E CALL FC Name-Parts C MIGRAT D)	T NOT IDE Freq TL Desc Inspection TL OR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 5/21/2012 NCE Date-Parts	NOT Incd TL Desc NTIFIED Inspection Fl	IDEN Da 1/1 ag Nu Flag- Da	TIFIED te-Incd TL 1/0001 mber-Project TL Attachment TL: N te-Parts Shipped T	
INSTRUMENTS & Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC - VEHICLE CUT O - PULLED TO SID	GAUGES TL Desc TL Desc UITL Desc:	Code-Amb Tr NOT IDENT Flag-FSSS T N Date-Parts R 1/1/01 CLOSED D F- CLOSED C DRIVING O	GAUGES/W/ emp TL Desc TIFIED L EASONABLE equest TL URING SFD (RESOLVE	ARNING LI Code-Prob I Flag-NNA Ir N E CALL FC Name-Parts C MIGRAT D)	T NOT IDE Freq TL Desc Inspection TL OR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 5/21/2012 NCE Date-Parts	NOT Incd TL Desc NTIFIED Inspection Fl	IDEN Da 1/1 ag Nu Flag- Da	TIFIED te-Incd TL 1/0001 mber-Project TL Attachment TL: N te-Parts Shipped T	
INSTRUMENTS & Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	GAUGES TL Desc TL Desc TL Desc TL Desc TL Desc TL TL Desc TL TL Desc TL TL TL Desc TL TL TL Desc TL TL TL TL Desc TL	Code-Amb To NOT IDENT Flag-FSSS T N Date-Parts R 1/1/01 CLOSED D F- CLOSED CL DRIVING OL DRIVING OL DAND WOL VATION:	GAUGES/W/ emp TL Desc TIFIED L EASONABLE equest TL URING SFDO (RESOLVE N HIGHWAY JLD NOT RE	ARNING LI Code-Prob I Flag-NNA Ir N E CALL FC Name-Parts C MIGRAT D)	T NOT IDE Freq TL Desc Inspection TL OR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 5/21/2012 NCE Date-Parts	NOT Incd TL Desc NTIFIED Inspection Fl	IDEN Da 1/1 ag Nu Flag- Da	TIFIED te-Incd TL 1/0001 mber-Project TL Attachment TL: N te-Parts Shipped T	



9

- FUEL GAUGE SHOWS 1/8 TANK.

- FUEL SENDER RESISTANCE 810HMS AS MEASURED AT METER THROUGH SENDER.

- DATA MONITOR SHOWS 17 LITERS.

Created by Michael Lemmons at 2014-02-02 17:00:00

Created by Michael Lemmons at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- VEHICLE CUT OFF WHILE DRIVING ON HIGHWAY.- PULLED TO SIDE OF ROAD AND W

- REPLACE METER.

Y REPAIR ATTEMPTS 1_ DAYS DOWN 1- VEHICLE OUT OF GAS.- FUEL GAUGE SHOWS 1/8 TANK.- FUEL SENDER

- DATA MONITOR SHOWS 17 LITERS.** TSS RECOMMENDATION/RESULT:- REPLACE METER.





ID-Report TL				_						
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revis	sion TL	Date-Close TL	
	1	MINI		0	6/11/2	012	2/3/14		2/3/14	
Text-Incd Desc TL										
FUEL GAUGE NO	T ACCUR	ATE			_	-2.				
Code-TSS1 TL		Code	e-TSS1 TL Na	ame				Name	-Caller TL	
128	-	z -		UNKALL						
Code-Series TL V42	MY Full T 2007	L	Code-Mode	el Line TL	VIN-TL	U27N	Insta B10	Installed Options B10 SPLASH GUARDS		
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	C03 VEH	50 S	TATE EMISSION	
0000000	157013		10417	Miller Lo	VAN		G03 PAC	SL S		
Code-Engine Prefix V VQ35	C Number-L	Engine Serial V	C Code-Tran	s Type VC	Code-Vehicle	e Color VC	K69	LECTO	MELINK CARD	
Name-Plant VC		ufacture VC	Date-In Sei	112-21-2-22	Code-Distribu	utor TL	L92 M10 P01	MIC SL L	OR MATS ROFILTER JPGRADE	
Canton (NMM) Dir Reti Last VC Code Reg	9/21/200	Name	12/9/2006		USA City	s	R94 S01 tate V01	SEA	INING BOARDS IT PACKAGE ISINGLE SCREEN	
5238 34 Code-Component TL INSTRUMENTS &			MCLARTY Code-Symp T			r Mode TL			Temp TL Desc	
Code-Amb Humidity		San David	emp TL Desc		Freq TL Desc	Category-	Incd TL Desi	c Da	ate-Incd TL	
Code-TREAD TL		Flag-FSSS T		Flag-NNA In N	spection TL		Inspection I	D 1/1/0001 ion Flag Number-Project		
Code-Reason For Ca	II TL Desc:	R	ASONABL	E CALL FO	R ASSISTA	NCE		Flag	-Attachment TL: N	
Flag-Parts Avail N		Date-Parts R	equest TL	Name-Parts	For TL	Date-Part: 1/1/01	s Recvd TL	Di	ate-Parts Shipped TL	
Text-Solution TL: Code-Status TL Desc	•=	CLOSED D			ION					
Text-Dealer Followup	A second	1. A . A . A . A		-1						
М	John Mark 1									
** CUSTOMER CO - FUEL GAUGE N		RATE								
** DEALER ACTIC	PAIR ATT	EMPTS _1 D								
- VEHICLE RAN O - FOUND GAUGE			JGE AT 1/2	TANK						





- CHECKED TANK AS EMPTY

** TSS RECOMMENDATION/RESULT:

- CHECK VOLTAGE FROM SENSDER TO METER

- IF VOLTAGE CHANGES AND GAUGE DOES NOT REPLACE METER





ID-Report TL Cod	de-Record Type T	TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Rev	vision TL	Date-Close TL	
	MINI			1	9/27/2	012	2/3/14		2/3/14	
Text-Incd Desc TL										
MILP0462 FUEL L	EVEL SEN/CIF	RLOW	1.00			-				
Code-TSS1 TL		Code	-TSS1 TL Na	ame				Name	e-Caller TL	
168		Z * 1	ICHAEL	ACEVES						
Code-Series TL	MY Full TL		Code-Mode	l Line TL	VIN-TL		Ins	stalled O	ptions	
V42	2007	-	QST		5N1BV28	U17N	CO	3 50	STATE EMISSION	
Mileage-Initial TL	Mileage-Currei	nt TL	Code-NNA	Model VC	Code-Body 7	ype TL	GO	1 TE	CHNOLOGY	
000000	095548		10417		VAN		Ke	ю но	MELINK CARD	
Code-Engine Prefix V VQ35	/C Number-Engine	e Serial VC	Code-Trans	s Type VC	Code-Vehicle	e Color VC	PO	M10 MICROFILTER P01 SL UPGRADE PACKAGE S01 SEAT PACKAGE		
Name-Plant VC	Date-Manufact	ture VC	Date-In Ser	vice TL	Code-Distribu	utor TL	SO	1 SE	AT PACKAGE	
Canton (NMM)	3/30/2006		5/19/2006							
Dir Reti Last VC										
Code Reg	nion Na	me			City	St	ate			
990D 11	NIS	SSAN NO	RTH AME	RICA	FRANKLIN	-				
1870 32		ew sout	H FORD N	ISSAN	MERIDIAN	St	ate S			
Code-Component TL	Desc	C	ode-Symp Tl	L Desc	Code-Ope	r Mode TL L		de-Oper	r Temp TL Desc	
Code-Component TL EMISSIONS CON		10		L Desc			Desc Co		r Temp TL Desc	
	TROL TL Desc Coo	с	HECK ENC	GINE LIGH		NTIFIED	Desc Co NC	DT IDE		
EMISSIONS CON	TROL TL Desc Cod NO	C de-Amb Ter	HECK ENC mp TL Desc FIED	GINE LIGH		NTIFIED Category-I NOT IDE	Desc Co NC Incd TL De NTIFIED	DT IDE esc D	NTIFIED Date-Incd TL	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL	TROL TL Desc Cod NO	C de-Amb Ter DT IDENTI	HECK ENC mp TL Desc FIED	GINE LIGH	T NOT IDE	NTIFIED Category-I NOT IDE	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc D 1 n Flag N	NTIFIED Date-Incd TL /1/0001	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED	TROL TL Desc Coo NO Flag N	C de-Amb Tel DT IDENTI g-FSSS TL	HECK ENC mp TL Desc FIED	GINE LIGH Code-Prob Flag-NNA II N	T NOT IDE	NTIFIED Category-I NOT IDE Date-NNA 9/27/201:	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc D 1 n Flag N 7	NTIFIED Date-Incd TL /1/0001 Jumber-Project TL	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail	TROL TL Desc Coo NO Flag N	C de-Amb Tei DT IDENTI g-FSSS TL g-FSSS TL REi e-Parts Rei	HECK ENG mp TL Desc FIED ASONABL	GINE LIGH Code-Prob Flag-NNA II N	T NOT IDE Freq TL Desc Inspection TL	NTIFIED Category-I NOT IDE Date-NNA 9/27/201:	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL 1/1/0001 Jumber-Project TL YK	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail	TROL TL Desc Coo NO Flag N N N N 1/1/1 Date 1/1/1	C de-Amb Ter T IDENTI g-FSSS TL RE RE e-Parts Rec 701	HECK ENG mp TL Desc FIED ASONABL quest TL	GINE LIGH Code-Prob Flag-NNA II N E CALL FC	T NOT IDE Freq TL Desc Inspection TL DR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 9/27/201: NCE Date-Parts	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL I/1/0001 Jumber-Project TL Iw g-Attachment TL: N Date-Parts Shipped T	
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EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL:	TROL TL Desc Coo NO Flag N III TL Desc: Date 1/1/ CLC : F-C	C de-Amb Ter DT IDENTI g-FSSS 7L RE RE RE 101 0SED DU	HECK ENG mp TL Desc FIED ASONABL quest TL	GINE LIGH Code-Prob Flag-NNA II N E CALL FC Name-Parts C MIGRAT	T NOT IDE Freq TL Desc Inspection TL DR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 9/27/201: NCE Date-Parts	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL I/1/0001 Jumber-Project TL VK g-Attachment TL- Date-Parts Shipped T	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup	TROL TL Desc Coo NO Flag N III TL Desc: Date 1/1/ CLC : F-C	C de-Amb Ter DT IDENTI g-FSSS 7L RE RE RE 101 0SED DU	HECK ENG mp TL Desc FIED ASONABL quest TL	GINE LIGH Code-Prob Flag-NNA II N E CALL FC Name-Parts C MIGRAT	T NOT IDE Freq TL Desc Inspection TL DR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 9/27/201: NCE Date-Parts	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL /1/0001 Jumber-Project TL /K g-Attachment TL: 1 Date-Parts Shipped T	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc	TROL TL Desc Coo NO Flag N N N N N N N CLC Comment TL:	C de-Amb Ter DT IDENTI g-FSSS 7L RE RE RE 101 0SED DU	HECK ENG mp TL Desc FIED ASONABL quest TL	GINE LIGH Code-Prob Flag-NNA II N E CALL FC Name-Parts C MIGRAT	T NOT IDE Freq TL Desc Inspection TL DR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 9/27/201: NCE Date-Parts	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL /1/0001 Jumber-Project TL /K g-Attachment TL: 1 Date-Parts Shipped T	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	TROL TL Desc Coo NO Flag N III TL Desc: Date 1/1/2 CLO Comment TL: DATE:	C de-Amb Ter DT IDENTI g-FSSS 7L RE RE RE 101 0SED DU	HECK ENG mp TL Desc FIED ASONABL quest TL	GINE LIGH Code-Prob Flag-NNA II N E CALL FC Name-Parts C MIGRAT	T NOT IDE Freq TL Desc Inspection TL DR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 9/27/201: NCE Date-Parts	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL /1/0001 Jumber-Project TL /K g-Attachment TL: 1 Date-Parts Shipped T	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc Text-Dealer Followup M	TROL TL Desc Cod NO Flag N 1/1/1 CLC Comment TL: OP.	C DT IDENTI g-FSSS TL REA e-Parts Rec 701 OSED DU CLOSED	HECK ENG mp TL Desc FIED ASONABL quest TL	GINE LIGH Code-Prob Flag-NNA II N E CALL FC Name-Parts C MIGRAT	T NOT IDE Freq TL Desc Inspection TL DR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 9/27/201: NCE Date-Parts	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL /1/0001 Jumber-Project TL /K g-Attachment TL: 1 Date-Parts Shipped T	
EMISSIONS CON Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CO -FUEL GAUGE IN	TROL TL Desc Coo NO Flag N III TL Desc: Data 1/11 CLC Comment TL: OMMENT: OP.	C de-Amb Ter T IDENTI g-FSSS TL REA e-Parts Rec 701 OSED DU CLOSED (HECK ENG mp TL Desc FIED ASONABL quest TL RING SFD (RESOLVE	GINE LIGH Code-Prob Flag-NNA II N E CALL FC Name-Parts C MIGRAT	T NOT IDE Freq TL Desc Inspection TL DR ASSISTA	NTIFIED Category-I NOT IDE Date-NNA 9/27/201: NCE Date-Parts	Desc Co NC Incd TL De NTIFIED Inspection	DT IDE esc L 1 n Flag N 7 Flag	NTIFIED Date-Incd TL /1/0001 Jumber-Project TL /K g-Attachment TL: 1 Date-Parts Shipped T	



-FUEL SENDING UNIT/FUEL PUMP ASSY WAS REPLACED.

-WHILE THE VEHICLE WAS RUNNING THE FUEL GAUGE WENT UP FROM 3/4 TO FULL

-CODE HAS RETURNED.

-CONSULT SHOWS 74.4 LITERS.

Created by Bruce Tankersley at 2014-02-02 17:00:00

Created by Bruce Tankersley at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-FUEL GAUGE INOP..** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEM

-REMOVE SENDING UNIT AND INSPECT SENDING UNIT AND FLOAT.

-CHECK FOR ANY OBSTRUCTIONS INSIDE THE FUEL TANK.

SENDING UNIT/FUEL PUMP ASSY WAS REPLACED.-WHILE THE VEHICLE WAS RUNNING THE FUEL GAUGE WEN

LITERS.** TSS RECOMMENDATION/RESULT:-REMOVE SENDING UNIT AND INSPECT SENDING UNIT AND FLOAT.-

** UPDATE 10.1.12 TSS 121

E 10.1.12 TSS 121-NO OBSTRUCTIONS AT FLOAT.-DRING RECHECK, INDICATION AT FULL, LOWERED TO EMPTY -NO OBSTRUCTIONS AT FLOAT.

-DRING RECHECK, INDICATION AT FULL, LOWERED TO EMPTY, LOW FUEL LIGHT ON,

LE OBSERVING DATA MONITOR, WIGGLE BODY HARNESS AT RIGHT C PILLARREFER TO PG-55.-IF NO CHANGE DATA MONITOR DISPLAYED 65L.

-TSS/WHILE OBSERVING DATA MONITOR, WIGGLE BODY HARNESS AT RIGHT C PILLAR

REFER TO PG-55.

-IF NO CHANGE, REPLACE COMBINATION METER.





						1			
ID-Report TL Cod	de-Record Type TL Desc	Number	-Revision TL	Date-O	pen TL	Date-I	Revision	TL Date-Close T	
	MINI		0	10/16/	2012	2/3/1	4	2/3/14	
Text-Incd Desc TL									
SES LIGHT P0462	FUEL LEVEL SEN/C	IR		_				-	
Code-TSS1 TL	Co	de-TSS1 TL Na	ame				Nat	me-Caller Tl	
157	z	JOHN SEA	BORN						
Code-Series TL	MY Full TL	Code-Mode	el Line TL	VIN-TL	1.1		Installed	Options	
V42	2007	QST		5N1BV28	JX7N		C03 5	O STATE EMISSION	
Mileage-Initial TL	Mileage-Current TL	Code-NNA	Model VC	Code-Body T	ype TL	K69 H		IOMELINK CARD	
0000000	090098	10417		VAN			L92 FLOOR MATS N92 ROOF RAIL CROS		
Code-Engine Prefix V	C Number-Engine Serial	VC Code-Trans	s Type VC	Code-Vehicle	Color VC	est.	BARS S01 S	EAT PACKAGE	
VQ35	616098	A		G10	1000			CARGO COVER	
Name-Plant VC	Date-Manufacture VC	Date-In Ser	vice TL	Code-Distribu	Itor TL				
Canton (NMM)	8/15/2006	9/18/2006		USA					
Dir Reti Last VC	- Contraction -								
Code Reg	ion Name			City	s	tate			
3670 26	LEGEND	NISSAN, LT	D	SYOSSET					
Code Reg 2404 26			9	City	S	tate			
		VISSAN, INC.	0.	GREENVAL		Y	Code Or	or Tomo 71 Dooo	
Code-Component TL	Desc	Code-Symp TI	L Desc	Code-Oper	Mode TL	Desc	2.3	er Temp TL Desc	
Code-Component TL ECCS (SENSORS	Desc & SWITCHES)	Code-Symp Ti CHECK ENC	L Desc	Code-Oper	Mode TL	Desc	NOT ID	ENTIFIED	
Code-Component TL ECCS (SENSORS Code-Amb Humidity 7	Desc & SWITCHES) TL Desc Code-Amb	Code-Symp Ti CHECK ENC Temp TL Desc	L Desc	Code-Oper	Mode TL	Desc Incd TL	NOT ID Desc	ENTIFIED	
Code-Component TL ECCS (SENSORS Code-Amb Humidity 7 NOT IDENTIFIED	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN	Code-Symp TI CHECK ENC Temp TL Desc ITIFIED	L Desc GINE LIGHT Code-Prob F	Code-Oper	Mode TL	Desc Incd TL	NOT ID Desc ED	ENTIFIED Date-Incd TL 1/1/0001	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS	Code-Symp TI CHECK ENC Temp TL Desc ITIFIED	L Desc GINE LIGHT Code-Prob F Flag-NNA In	Code-Oper	Mode 7L I NTIFIED Category- NOT IDE Date-NNA	Desc incd TL ENTIFIE	NOT ID Desc ED	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N	Code-Symp TI CHECK ENC Temp TL Desc ITIFIED TL	L Desc GINE LIGHT Code-Prob F Flag-NNA In N	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20	Desc incd TL ENTIFIE	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N	Code-Symp TI CHECK ENC Temp TL Desc ITIFIED	L Desc GINE LIGHT Code-Prob F Flag-NNA In N	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: F Date-Parts I	Code-Symp TI CHECK ENC Temp TL Desc ITIFIED TL REASONABL	L Desc GINE LIGHT Code-Prob F Flag-NNA In N	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity 7 NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: F Date-Parts I 1/1/01	Code-Symp TI CHECK ENC Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc GINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL:	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc F Date-Parts I 1/1/01 CLOSED I	Code-Symp TI CHECK ENG Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc F Date-Parts I 1/1/01 CLOSED I	Code-Symp TI CHECK ENC Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL:	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: F Date-Parts H 1/1/01 CLOSED T F- CLOSE	Code-Symp TI CHECK ENG Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL O6 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc Text-Dealer Followup	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: F Date-Parts H 1/1/01 CLOSED T F- CLOSE	Code-Symp TI CHECK ENG Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc Text-Dealer Followup M	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: F Date-Parts I 1/1/01 CLOSED T COMMENT:	Code-Symp TI CHECK ENG Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: F Date-Parts I 1/1/01 CLOSED T COMMENT:	Code-Symp TI CHECK ENG Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CO -SES LIGHT IS ON	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: F Date-Parts I 1/1/01 CLOSED T COMMENT:	Code-Symp TI CHECK ENG Temp TL Desc ITIFIED TL REASONABL Request TL	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -SES LIGHT IS ON - ** DEALER ACTIO	Desc & SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N IT TL Desc F Date-Parts I 1/1/01 CLOSED I F- CLOSE Comment TL: MMENT: A.	Code-Symp Th CHECK ENC Temp TL Desc ITIFIED TL REASONABL Request TL DURING SFD D (RESOLVE	L Desc SINE LIGHT Code-Prob F Flag-NNA In N E CALL FO Name-Parts C MIGRATI D)	Code-Oper NOT IDE	Mode 7L I NTIFIED Category- NOT IDE Date-NNA 10/16/20 NCE Date-Parts	Desc Incd TL NTIFIE Inspec 12	NOT ID Desc ED tion Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL 7K lag-Attachment TL: Date-Parts Shipped	



-P0462 FUEL LEVEL SEN/CIR LOW (7K)

-FUEL LEVEL GAUGE WILL DROP TO EMPTY INTERMITTENTLY.

-PERFORMED METER SELF TEST. ALL GUAGES RESPOND PROPERLY.

-REPLACED FUEL LEVEL SENDER ON INITIAL VISIT.

-CODE HAS RESET.

-NO ACCESSORIES OR MODIFICATIONS.

Created by John Seaborn at 2014-02-02 17:00:00

Created by John Seaborn at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-SES LIGHT IS ON.-** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEMPT

-DURING INCIDENT, COMPARE CONSULT DATA MONITOR LITRE READING TO FUEL

CIR LOW (7K)-FUEL LEVEL GAUGE WILL DROP TO EMPTY INTERMITTENTLY.-PERFORMED METER SELF TEST GAUGE READING.

-ASIST DI-07.

R ON INITIAL VISIT.-CODE HAS RESET.-NO ACCESSORIES OR MODIFICATIONS.** TSS RECOMMENDATION/RESU -IF DOES NOT COMPARE, REPLACE COMBINATION METER.

READING TO FUELGAUGE READING.-ASIST DI-07.-IF DOES NOT COMPARE, REPLACE COMBINATION METER.-TE -TECH TO FOLLOW UP.





ID-Report TL									
ID-Report TL Cod	e-Record Type TL Desc	Number	-Revision TL 1	Date-C	open TL 2012	Date-Rev 2/3/14	ision TL	Date-Close TL 2/3/14	
Text-Incd Desc TL									
FUEL GAUGE REA	ADS 1/4 TANK EMPTY					_			
Code-TSS1 TL	Code	-TSS1 TL Na	ame				Name	-Caller TL	
237	Z-0	HRIS O'	CONNOR	1	_	-			
Code-Series TL	MY Full TL	Code-Mode	el Line TL	VIN-TL		Ins	tailed Op	otions	
V42	2007	QST		5N1BV28		B10 SPLASH GUARDS			
Mileage-Initial TL 0000000	Mileage-Current TL 076172	Code-NNA 10417	Model VC	VAN		VE F9	VEHICLE F95 CARGO ORGA K69 HOMELINK C		
Code-Engine Prefix V	C Number-Engine Serial VC	Code-Tran	s Type VC	Code-Vehicle	e Color VC	M1	L92 FLOOR MATS M10 MICROFILTER N92 ROOF RAIL CROSS BARS		
Name-Plant VC	Date-Manufacture VC	Date In Sei	vice Ti	Code Distribu	utor TI	BA			
Canton (NMM)	8/8/2007	Date-In Service TL 9/17/2007		Code-Distributor TL			CKAGE	JPGRADE	
Dir Reti Last VC Code Regi 3090 32	ion Name MOSSY NIS	SAN		City HOUSTON	s	ws State	5 CAI	RGO COVER	
Serv Dir TL Code Regi				City		State			
3944 34	BOB RICHA	ARDS NISS	SAN	BEECH ISL	AND S	SC		C. C.	
Code-Component TL	and the second se	ode-Symp Ti AUGES/W	L Desc	Code-Ope				Temp TL Desc	
Code-Amb Humidity 7	L Desc Code-Amb Tel		Code-Prob	Freq TL Desc		-Incd TL De		ate-Incd TL 1/0001	
Code-TREAD TL	Flag-FSSS TL		Flag-NNA I	nspection TL	Date-NN	A Inspection	Flag N	umber-Project TL	
11	N		N		10/23/20				
Code-Reason For Cal		ASONABL		OR ASSISTA	10-10-10-10-10-10-10-10-10-10-10-10-10-1	/12	Flag	-Attachment TL: N	
Flag-Parts Avail	Date-Parts Red	quest TL	Name-Parts	s For TL	Date-Part	s Recvd TL	Di	ate-Parts Shipped TL	
N	1/1/01				1/1/01		1/	1/01	
Text-Solution TL	CLOSED DU	RING SFD	C MIGRAT	ION					
Code-Status TL Desc:	F- CLOSED	RESOLVE	D)						
Text-Dealer Followup M	Comment TL:								
** CUSTOMER CO	MMENT:								
- WHEN FUEL GAI	UGE SHOWS 1/4 TANK				ЕМРТҮ.				
	N/OBSERVATION: PAIR ATTEMPTS _2_	DAYS DOV	WN 1_						



FUEL SENDER REPLACED PREVIOUSLY.

NO DTC'S STORED.

S/M CALLING

- METER SELF TEST OPERATES GAUGE NEEDLE NORMALLY.

Created by John Seaborn at 2014-02-02 17:00:00

Created by John Seaborn at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

- ADVISED TO INSPECT METER DATA MONITOR VALUE PER DI-12, COMPARE TO

** CUSTOMER COMMENT:- WHEN FUEL GAUGE SHOWS 1/4 TANK OF FUEL TANK IS ACTUALLY EMPTY.- WHEN F GAUGE READING.

ON/OBSERVATION:** VERIFIED Y_ REPAIR ATTEMPTS _2_ DAYS DOWN 1_- FUEL SENDER REPLACED PREVIOU
- MANUALLY SWEEP FUEL SENDER FULL TO EMPTY.

TES GAUGE NEEDLE NORMALLY.** TSS RECOMMENDATION/RESULT:- ADVISED TO INSPECT METER DATA MON

EP FUEL SENDER FULL TO EMPTY.- IF DATA MONITOR INDICATES EMPTY AND GAUGE READS 1/4 REPLACE ME - IF DATA MONITOR INDICATES EMPTY AND GAUGE READS 1/4 REPLACE METER.

ER.-NOW FUEL LEVEL GAUGE IS STAYING AT 3/4 WHEN SENDER IS DISCONNECTED.-TSS, REPLACE COMBINAT

**UPDATE 10/23/12 TSS 157 JS

-REPLACED FUEL LEVEL SENDER.

-NOW FUEL LEVEL GAUGE IS STAYING AT 3/4 WHEN SENDER IS DISCONNECTED.

-TSS, REPLACE COMBINATION METER.

-TECH TO FOLLOW UP.





ID-Report TL				_						
ID-Report TL Cod	le-Record T	ype TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Revision	n TL Da	te-Close TL	
	1	MINI		2	10/29/	/2012	2/3/14	2/3	3/14	
Text-Incd Desc TL										
P0462 FUEL LEVE	EL SEN/GI	ROUND SHO	RT**							
Code-TSS1 TL		Coo	e-TSS1 TL Na	ame			N	ame-Caller	TL	
165		z.	JOHN IRIC	N			and the			
Code-Series TL V42	MY Full 1 2007	1	Code-Mode	el Line TL	VIN-TL 5N1BV28	U67N	B10	Installed Options B10 SPLASH GUARDS C03 50 STATE EMISSION VEHICLE		
Mileage-Initial TL	Mileage-	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL				
0000000	097821		10317		VAN		G93 MIRRO		DIMMING	
Code-Engine Prefix V VQ35	C Number-1 627003	Engine Serial \	C Code-Trans	s Type VC	Code-Vehicle	e Color VC	M10	M10 MICROFILTER S01 SEAT PACKAG		
Name-Plant VC Canton (NMM)	Date-Mai 9/7/2000	nufacture VC	Date-In Service TL Code-Distributor TL 2/1/2007 USA		1000					
Canton (NMM) Dir Reti Last VC Code Reg 22040 24		Name	OTOR SALL		City CINCINNAT		ate			
3673 24 Code-Component TL		and a	Code-Symp T			r Mode TL D	Desc Code-C)per Temp		
ECCS (SENSORS Code-Amb Humidity 1 NOT IDENTIFIED			CHECK ENC emp TL Desc TIFIED		T NOT IDE		incd TL Desc	DENTIFIE Date-Inco 1/1/000	d TL	
Code-TREAD TL		Flag-FSSS 1	1	Flag-NNA I	nspection TL	Date-NNA 10/29/201		Flag Number-Project TL		
Code-Reason For Ca	II TL Desc:	R	EASONABL	E CALL F	OR ASSISTA	NCE		Flag-Attach	ment TL: N	
Flag-Parts Avail N		Date-Parts R	equest TL	Name-Parts	s For TL	Date-Parts	Recvd TL	Date-Par 1/1/01	ts Shipped TL	
Text-Solution TL:		CLOSED D	URING SFD	C MIGRAT	TION			19-0		
Code-Status TL Desc	8	F- CLOSED	(RESOLVE	D)	C 18					
Text-Dealer Followup	Comment	TL-		1						
м									_	
** CUSTOMER CO -CHECK ENGINE -		I, GAS GAU	GE FLUCTU	ATES		_				
** DEALER ACTIC	N/OBSER	VATION:								
** VERIFIED Y RE	PAIR ATT	EMPTS 1	AYS DOWN	4						
-FOUND DTC P04										





FOUND WIRE FROM PIN 4 OF METER TO PIN 5 OF FUEL LEVEL SENSOR IS SHORTED

TO GROUND BETWEEN B104 AND LEVEL SENSOR

-IF B106 IS UNPLUGGED SHORT TO GROUND IS GONE

-CALLING FOR KNOWN CONCERNS

Created by Alex Knepper at 2014-02-02 17:00:00

Created by Alex Knepper at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-CHECK ENGINE LIGHT ON, GAS GAUGE FLUCTUATES-** DEALER ACTION/OBSERVAT -NO KNOWN CONCERNS FOR SHORT TO GROUND ON FUEL LEVLE SENSOR CIRCUIT

0462 FUEL LEVEL SEN/CIR LOW-FOUND WIRE FROM PIN 4 OF METER TO PIN 5 OF FUEL LEVEL SENSOR IS SHO THAT IS GONE WITH B106 UNPLUGGED

-IT IS LIKLEY THAT WIRES ARE SHORTED TO GETHER IN THE HARNESS

UNPLUGGED SHORT TO GROUND IS GONE-CALLING FOR KNOWN CONCERNS** TSS RECOMMENDATION/RESU IRCUITTHAT IS GONE WITH B106 UNPLUGGED-IT IS LIKLEY THAT WIRES ARE SHORTED TO GETHER IN THE HA

-REPLACE BODY HARNESS

PLACING BODY HARNESS, CONNECTED B106 AND SHOWING SAME SHORT TOGROUND AS BEFORE WITH NEW
UPDATE 11.01.12 TSS 166

NECTED AND HASCONTINUITY TO GROUND FROM PIN 1 B251 WITH B106 CONNECTED-NOTHING AFTERMARKE

-REPLACING BODY HARNESS, CONNECTED B106 AND SHOWING SAME SHORT TO

GROUND AS BEFORE WITH NEW HARNESS

SOR ANDHAS A GROUND SUPPLIED AT ALL TIMES BY THE ECM-ESM ERROR, ADVISED TO CONTINUE DIAGNOS

ATED 1.04.13 TSS 166, UPDATED TO SHOW INCIDENT FIXED IN TOPIC LINE

-HAS METER DISCONNECTED, B252 DISCONNECTED, B251 DISCONNECTED AND HAS

CONTINUITY TO GROUND FROM PIN 1 B251 WITH B106 CONNECTED

-NOTHING AFTERMARKET

-FOUND THAT PIN 5 OF FUEL PUMP B252 IS SHARED BY THE FTT SENSOR AND

HAS A GROUND SUPPLIED AT ALL TIMES BY THE ECM

-ESM ERROR, ADVISED TO CONTINUE DIAGNOSIS AS PER DI-22 SHOWING THAT

CONTINUITY TO GROUND IS OK

**UPDATED 1.04.13 TSS 166, UPDATED TO SHOW INCIDENT FIXED IN TOPIC LINE





ID-Report TL		1								
ID-Report TL Co	de-Record T	ype TL Desc	Number	-Revision TL	Date-O	pen TL	Date-	Revision	TL	Date-Close TL
	N	INI		1	11/8/2	012	2/3/1	4		2/3/14
Text-Incd Desc TL										
FUEL GAUE INCO	DRRECT	_								
Code-TSS1 TL		Cod	e-TSS1 TL Ne	ame				Na	me-Ca	ller TL
168		Z *	MICHAEL	ACEVES			_			
Code-Series TL	MY Full T	L	Code-Mode	el Line TL	VIN-TL	100	5	Installed	Option	าร
V42	2007		QST		5N1BV28	J87N				H GUARDS
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA	Model VC	Code-Body 7	ype TL	10	VEHICL	E	
0000000	112012		10417		VAN			PACKA		SIRIUS
Code-Engine Prefix \	/C Number-E	Engine Serial V	C Code-Tran	s Type VC	Code-Vehicle	Color VC	,	J96 S DEFLEC		OF WIND
VQ35	711048	_	A		K12	_	-			INK CARD
Name-Plant VC	Date-Man	ufacture VC	Date-In Ser	vice TL	Code-Distribu	itor TL		M10 M	NICRO	FILTER
Canton (NMM)	4/24/200	7	5/31/2007		USA			N92 F	ROOF	RAIL CROSS
Dir Reti Last VC								PO1 S		RADE
Code Reg	nion	Name			City		State			NG BOARDS
3647 26		JERRY RO	ME NISSAI	N	WEST SPRI	NGFIEL				DCOVER
Serv Dir TL								X01 S	L PRE	MUM
Code Reg	gion	Name			City	3	State	, Hold		
3647 26		JERRY RO	ME NISSA	N	WEST SPRI	NGFIE	MA	-		
Code-Component TL	Desc		Code-Symp T	L Desc	Code-Oper	Mode TL	Desc	Code-Op	per Ter	np TL Desc
INSTRUMENTS &	GAUGES		GAUGES/W	ARNING LI		NTIFIED		NOT ID	ENTI	FIED
Code-Amb Humidity	TL Desc	Code-Amb T	emp TL Desc	Code-Prob I	Freq TL Desc	Category	y-incd TL	Desc	Date-	Incd TL
NOT IDENTIFIED		NOT IDENT	TIFIED			NOTID	ENTIFI	ED	1/1/0	001
Code-TREAD TL		Flag-FSSS 7	L	Flag-NNA In	spection TL	Date-NN	IA Inspec	tion Flag	Num	per-Project TL
11		N		N		11/8/20	12			
Code-Reason For Ca	II TL Desc.	C	ALL FOR FI	ONLY, WA	RRANTY O	RPART	s	F	lag-Att	achment TL: N
Flag-Parts Avail		Date-Parts R		Name-Parts			rts Recva			Parts Shipped TL
N		1/1/01	1			1/1/01			1/1/0	
Text-Solution TL:			URING SFD	C MIGRAT	ON					
Code-Status TL Des	2	F- CLOSED	2010/02/02/02/14	a worddada						
Text-Dealer Followup	Consultation Con			-						
M										
** CUSTOMER CO	MMENT-									
THE VEHICLE R		CAR								
THE VEHICLE R		GAD.								
	NICE	VATION							_	
** DEALER ACTIC										
** VERIFIED Y RE	PAIR ATT	EMPTS 1 D	AYS DOWN	1						
-FUEL TANK IS E			in o boin	· · · ·						





-FUEL SENDING UNIT RESISTANCE IS 81.2 OHMS WHICH IS IN SPECS FOR EMPTY

-FUEL GAUGE READS 1/4 FULL.

Created by Michael Aceves at 2014-02-02 17:00:00

Created by Michael Aceves at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-THE VEHICLE RAN OUT OF GAS..** DEALER ACTION/OBSERVATION:** VERIFIED Y RE

-REPLACE FUEL GAUGE.

NDING UNIT RESISTANCE IS 81.2 OHMS WHICH IS IN SPECS FOR EMPTY-FUEL GAUGE READS 1/4 FULL.** TSS R





ID-Report TL				_					0
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Revision	n TL	Date-Close TL
	F	ULL		3	11/8/2	012	11/12/12		11/12/12
Text-Incd Desc TL									
SES LIGHT P0462	FUEL LE	VEL SEN/CI	R						
Code-TSS1 TL		Cod	le-TSS1 TL Na	ame			Na	ame-Ca	aller TL
157		z.	JOHN SEA	ABORN					
Code-Series TL V42	MY Full 1 2007	1	Code-Mode	el Line TL	VIN-TL 5N1BV28	U17N	Installe B10	50.	ns SH GUARDS
Mileage-Initial TL	Mileage-0	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	C03 VEHICI		TE EMISSION
0000000	091097		10217		VAN		1 1 V 1	L92 FLOOR MATS S01 SEAT PACKAGE	
Code-Engine Prefix V VQ35	/C Number-L 582498	Engine Serial V	/C Code-Tran: A	s Type VC	Code-Vehicle	e Color VC			
Name-Plant VC Canton (NMM)	Date-Mar 5/16/200	nufacture VC	Date-In Sei	rvice TL	Code-Distribi	utor TL			
Dir Reti Last VC Code Reg		Name	11212001			Sta	10		
3115 24	1011		ON NISSAN		City ARLINGTO		ne		
Code Reg 3345 24 Code-Component TL	gion Desc		SAN, INC. Code-Symp T	1	City NILES Code-Ope	Sta IL r Mode TL D		per Te	mp TL Desc
ECCS (SENSORS	& SWITC	HES)	CHECK ENG	GINE LIGHT	CRUISE	1	ALL T	EMPS	1
Code-Amb Humidity	TL Desc	Code-Amb 7 61/80F=16	emp TL Desc I 27C	Code-Prob I		Category-II	ncd TL Desc		-Incd TL /2008
Code-TREAD TL 06		Flag-FSSS 1 N	7.	Flag-NNA In N	aspection TL	Date-NNA 11/8/2012		g Num 7K	ber-Project TL
Code-Reason For Ca	II TL Desc.	R	EASONABL	E CALL FO	R ASSISTA	NCE		Flag-At	tachment TL: N
Flag-Parts Avail N		Date-Parts R	equest TL	Name-Parts	For TL	Date-Parts	Recvd TL	Date	-Parts Shipped T
Text-Solution TL: Code-Status TL Desc	21	PENDING	DLR FOLLO		LCE METE	R			
Text-Dealer Followup	and a second								
** CUSTOMER CO									
-SES LIGHT IS ON									
- ** DEALER ACTIC	N/OBSER	VATION:					_	-	
** VERIFIED Y RE	PAIR ATT	EMPTS 2_D	AYS DOWN	_4_:					
-SES LIGHT IS ON	l.								



9

-P0462 FUEL LEVEL SEN/CIR LOW (7K)

-REPLACED FUEL PUMP ASSY ON LAST VISIT.

-FUEL GAUGE DROPS TO EMPTY AND RETURNS TO CORRECT LEVEL WHILE DRIVING.

-PERFORMED METER SELF TEST; METER RESPONDED PROPERLY.

-NO ACCESSORIES OR MODIFICATIONS.

** TSS RECOMMENDATION/RESULT:

-CHECK PIN FIT AND CONNECTOR INTEGRITY AT COMBINATION METER AND SENDER.

-IF ALL ABOVE TESTS GOOD,

-REPLACE COMBINATION METER.

-TECH TO FOLLOW UP.

**UPGRADED REPORT TO FULL DUE TO REPAIR ATTEMPTS/DAYS DOWN.

**FLAGGED REPROT FOR HEADS UP DUE TO REPAIR ATTEMPTS DAYS DOWN.

**UPDATE 11.12.12/137

-CLOSED PENDING DEALER FOLLOW UP.





ID-Report TL			_					
ID-Report TL Coo	le-Record Type TL Desc MINI	Number	-Revision TL	Date-O	open TL	Date-Revision	TL Date-Close TL 2/3/14	
Text-Incd Desc TL				1				
CRANK NO STAR	т							
Code-TSS1 TL		e-TSS1 TL Na	ame			Na	ame-Caller TI	
134		ED KITTS						
Code-Series TL	MY Full TL	Code-Mode	el Line TL	VIN-TL		Installed	1 Options	
V42	2007	QST		5N1BV28	U57N	B10 5	SPLASH GUARDS	
Mileage-Initial TL	Mileage-Current TL	Code-NNA	Model VC	Code-Body 7	ype TL	C03 (VEHICL	50 STATE EMISSION	
0000000	102155	10217		VAN			CARGO ORGANIZER	
	C Number-Engine Serial V		s Type VC	Code-Vehicle	e Color VC	M10	MICROFILTER SEAT PACKAGE	
VQ35	580992	A	20144	G10		-		
Name-Plant VC	Date-Manufacture VC	Date-In Sei		Code-Distribu	utor TL			
Canton (NMM) Dir Reti Last VC	5/16/2006	3/17/2007		USA				
Code Reg	ion Name			City	Sta	ate		
3038 26		T NIS/MAR		MARLOW H	and station	iic.		
Serv Dir TL Code Reg 3093 32	ion Name AL WEST	NISSAN		City ROLLA	Sta			
Code-Component TL EMISSIONS CONT		Code-Symp T		Code-Ope	r Mode TL D		per Temp TL Desc	
Code-Amb Humidity 7	L Desc Code-Amb Te		Code-Prob	Freq TL Desc	Category-in	ncd TL Desc	Date-Incd TL 1/1/0001	
Code-TREAD TL	Flag-FSSS Ti		Flag-NNA In	spection TL	Date-NNA	Inspection Flac	Number-Project TL	
06	N	N			12/7/2012			
Code-Reason For Cal		ASONABL	E CALL FO	R ASSISTA	NCE	F	Flag-Attachment TL: N	
Flag-Parts Avail N	Date-Parts Re	equest TL	Name-Parts	For TL	Date-Parts 1/1/01	Recvd TL	Date-Parts Shipped TL	
Text-Solution TL	CLOSED D	IPING SED	CMICRAT	ION	17 1101			
Code-Status TL Desc.			o or other states					
	Concerned in the second	INESOLVE	.01					
Text-Dealer Followup M	Comment IL.							
** CUSTOMER CO	MMENT:							
- C-STS DIED WHI	LE DRIVING					_		
** DEALER ACTIO	N/OBSERVATION:							
** VERIFIED Y REI	PAIR ATTEMPTS 1_ D	AYS DOWN	41					
- TECH FOUND CF	RANK BUT NO START							
- WHEN PERFORM	MING DIAGNOSIS, THE	ERE WAS N	O FUEL PI	RESSURE, P	UEL GAU	GE		



WAS READING 3/8 OF A TANK

- TECH PERFORMED FUEL LEVEL SENDER OHM TEST AND IT WAS IN THE RANGE

OF 40-50 OHMS BUT TANK WAS EMPTY OF FUEL

- TECH REPLACED FUEL PUMP ASSEMBLY WHICH COMES WITH SENDING UNIT AND

ADDED APPROX. 2 GALLONS OF FUEL

- FUEL GAUGE IS READING 1/8 FULL BUT TANK DOES NOT HAVE ENOUGH FUEL

TO READ 1/8 FULL

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- C-STS DIED WHILE DRIVING** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR

- PERFORM OHM TEST AT SENDING UNIT TO VERIFY READING WOULD REFLECT

THE APPROX. LEVEL OF FUEL ADDED

- WHEN PERFORMING DIAGNOSIS, THERE WAS NO FUEL PRESSURE, FUEL GAUGEWAS READING 3/8 OF A TAN

- IF PROPER, CHECK THAT THE SAME OHM READING IS PRESENT AT COMBOMETER

THE RANGEOF 40-50 OHMS BUT TANK WAS EMPTY OF FUEL- TECH REPLACED FUEL PUMP ASSEMBLY WHICH FUEL GAUGE IS READING 1/8 FULL BUT TANK DOES NOT HAVE ENOUGH FUELTO READ 1/8 FULL** TSS RECOM

TERMINALS 4 AND 6

- IF THE OHM READING IS THE SAME AND CORRECT, COMBOMETER MAY HAVE TO

RIFY READING WOULD REFLECTTHE APPROX. LEVEL OF FUEL ADDED- IF PROPER, CHECK THAT THE SAME O BE REPLACED.

E OHM READING IS THE SAME AND CORRECT, COMBOMETER MAY HAVE TOBE REPLACED.





ID-Report TL				_					
ID-Report TL Co	de-Record Tj	vpe TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Revision	TL Date-Close TL	
	N	AINI		1	1/8/20	13	2/3/14	2/3/14	
Text-Incd Desc TL									
FUEL GAUGE AB	OVE E WI	TH TANK EN	IPTY				_		
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame			Na	me-Caller TL	
102		z-	MICHAEL	LEMMON	IS				
Code-Series TL V42	MY Full T	L	Code-Mode	el Line TL	VIN-TL	U77N	B10 \$	1 Options SPLASH GUARDS	
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	C03 8 VEHICL	50 STATE EMISSION	
0000000	072194		10217		VAN			LOOR MATS	
Code-Engine Prefix V	/C Number-E 633146	Engine Serial V	C Code-Tran	s Type VC	Code-Vehicle	e Color VC			
Name-Plant VC Canton (NMM)	Date-Man 9/21/200	ufacture VC	Date-In Sei		Code-Distribu	utor TL			
Dir Reti Last VC Code Reg		Name	42112001		City	Sta	te		
2160 24		MID CITY I	NISSAN, IN	C.	CHICAGO		1.1.1		
2160 24 Code-Component TL INSTRUMENTS &			NISSAN, IN Code-Symp T	L Desc	CHICAGO Code-Ope	IL r Mode TL D		per Temp TL Desc	
Code-Amb Humidity	200703-020-0		emp TL Desc		Freq TL Desc	-	ncd TL Desc	Date-Incd TL	
Code-TREAD TL		Flag-FSSS T	L	Flag-NNA II	nspection TL	Date-NNA /	Inspection Flag	Number-Project TL	
Code-Reason For Ca	II TL Desc:	N	OT IDENTIF	IED			F	Hag-Attachment TL:	
Flag-Parts Avail		Date-Parts R	ate-Parts Request TL		Name-Parts For TL		Recvd TL	Date-Parts Shipped Ti	
Text-Solution TL:		CLOSED D			ION	1/1/01		1.000	
Code-Status TL Desc		F- CLOSED	RESOLVE	.0]					
Text-Dealer Followup	Comment T	L:							
M		-							
** CUSTOMER CO - VEHICLE HAS A		т.							
** DEALER ACTIO			AYS DOWN	12					
- CRANK NO STA									
- NO FUEL PRES	SURE.								



- FUEL TANK EMPTY.

- GAUGE WAS SLIGHTLY BELOW 1/4.

- VEHICLE STARTED AFTER ADDING 3-4 GALLONS.

GAUGE NOW SHOWS SLIGHTLY LESS THAN 1/2.

REPLACED FUEL SENDER - GAUGE STILL READS TOO HIGH.

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- VEHICLE HAS A NO START.** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR

- PERFORM FUEL SENDER INSPECTION PER DI-20.

- CHECK FUEL SENDER RESISTANCE AT EMPTY AND FULL.

URE.- FUEL TANK EMPTY.- GAUGE WAS SLIGHTLY BELOW 1/4.- VEHICLE STARTED AFTER ADDING 3-4 GALLON

- CHECK RESISTANCE AT METER M24 PIN 4 TO 6 PER DI-12.

EL SENDER - GAUGE STILL READS TOO HIGH.** TSS RECOMMENDATION/RESULT:- PERFORM FUEL SENDER IN AND FULL.- CHECK RESISTANCE AT METER M24 PIN 4 TO 6 PER DI-12.- IF RESISTANCE DOES NOT MATCH GAU

- IF RESISTANCE DOES NOT MATCH GAUGE READING REPLACE METER.

- IF RESISTANCE IS CORRECT FOR GAUGE READING INSPECT HARNESS.

OR GAUGE READING INSPECT HARNESS.- CHECK CONNECTORS M114/B104 AND B148/B251.- CHECK PIN FIT A1

- CHECK CONNECTORS M114/B104 AND B148/B251.

CK, TECH TESTED RESISTANCE READING AT M24 AT PIN 4 AND 6AND READING IS SAME AT SENDING INIT- RES

- CHECK PIN FIT AT EACH CONNECTOR.

VISED TECH TO REPLACE COMBO METER

** UPDATE TSS 124 1/8/13

- TECH CALLED BACK, TECH TESTED RESISTANCE READING AT M24 AT PIN 4 AND 6

AND READING IS SAME AT SENDING INIT

- RESISTANCE READING WAS 65.4 OHM WICH IS LESS THAN 1/4

- ADVISED TECH TO REPLACE COMBO METER





ID-Report TL									
ID-Report TL Code	e-Record Type TL Desc	Number	-Revision TL 0	Date-O	Open TL 2013	Date-Revision 3/10/14	1 TL Date-Close 3/10/14	TL	
Text-Incd Desc TL									
P0462 FUEL LEVE	L SENSOR LOW								
Code-TSS1 TL 107		-TSS1 TL N				Na	ame-Caller TL		
Code-Series TL	MY Full TL	Code-Mode	Tour and	VIN-TL		Installe	d Options	-	
V42	2007	QST		5N1BV28	U87	B10	SPLASH GUARDS	ł	
Mileage-Initial TL 0	Mileage-Current TL	Code-NNA 10617	Model VC	Code-Body 7	Type TL	VEHICL G02	0 STATE EMISSION E ECHNOLOGY GE (SIRIUS)		
Code-Engine Prefix VC	ingine Prefix VC Number-Engine Serial V		Code-Trans Type VC		e Color VC	DEFLE K69	J96 SUNROOF WIND DEFLECTOR K69 HOMELINK CARD		
Name-Plant VC	Date-Manufacture VC	Date-In Service TL 10/9/2006		Code-Distribu	utor TL	200			
Canton (NMM)	5/19/2006			USA	Cherter .				
Dir Reti Last VC Code Regiu 2698 24	on Name ROYAL NIS	SAN VAL		City BLOOMING		U35 MANUA	NAVIGATION	IN	
2698 24 Code-Component TL L INSTRUMENTS & Code-Amb Humidity Tr	GAUGES C	ode-Symp T	L Desc GINE LIGH	T NOT IDE	r Mode TL L NTIFIED	Desc Code-O	per Temp TL Desc		
	NOT IDENT		COUC-FIDD	TTEY IL DESU	NOT IDE		1/1/0001		
Code-TREAD TL	Flag-FSSS TL N	La des		nspection TL	Date-NNA Inspection Flag		g Number-Project TL		
Code-Reason For Call		TIDENTIF			112012010		Flag-Attachment TL	- N	
Flag-Parts Avail	Date-Parts Re		Name-Parts	For TL	Date-Parts 1/1/01		Date-Parts Shipp		
Text-Solution TL:	CLOSED DU	IRING SFD	C MIGRAT	ION	1				
Code-Status TL Desc:	F- CLOSED								
Text-Dealer Followup	Comment TL:								
LIGHT COMES ON	DRIVING THE FUEL G		ADS EMPT	Y AND LOW	FUEL W	ARNING			
** DEALER ACTIO		and sold	N 2						



- CODE IN ENGINE P0462 FUEL LEVEL SEN/CIR LOW - HAS 3/4 TANK FUEL IN AND GAUGE READS OK

- WHEN DRIVING THE GAUGE DOES GO TO EMPTY AND LOW FUEL WARNING LIGHT

COMES ON

- CONTINUE DRIVING AND GAUGE GOES BACK TO 3/4

- REPLACED FUEL LEVEL SENDER, NO CHANGE

- VOLTAGE AT PIN 6 M34 AT METER REMAINS AT .9VDC BEFORE AND DURING

INCIDENT

Created by Ray Rice at 2014-02-02 17:00:00

Created by Ray Rice at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- AT TIMES WHEN DRIVING THE FUEL GAUGE READS EMPTY AND LOW FUEL WARNIN

- REPLACE COMBINATION METER UNIT

ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEMPTS 2_ DAYS DOWN 2- CODE IN ENGINE P0462 FUEL LEVE - WHEN DRIVING THE GAUGE DOES GO TO EMPTY AND LOW FUEL WARNING LIGHTCOMES ON- CONTINUE DRI NO CHANGE- VOLTAGE AT PIN 6 M34 AT METER REMAINS AT .9VDC BEFORE AND DURINGINCIDENT** TSS REC





	-	_		1	_	1	_	1	
ID-Report TL Cod	de-Record Type TL Desc	Number-Rev	vision TL	Date-O	pen TL	Date-	Revision	TL Date-Close TL	
	MINI		0	1/24/2	013	2/3/1	4	2/3/14	
Text-Incd Desc TL									
MIL P0462 FUEL I	EVEL SENSOR				_				
Code-TSS1 TL	Cod	le-TSS1 TL Name					Nar	ne-Caller TL	
186	Z*	DAVE SATTL	.ER			_			
Code-Series TL	MY Full TL	Code-Model Lir	ne TL VIN	I-TL	10		Installed	Options	
V42	2007	QST	5N	1BV28	U97N			PLASH GUARDS	
Mileage-Initial TL	Mileage-Current TL	Code-NNA Mod	tel VC Co	de-Body T	ype TL		VEHICLE		
0000000	074418	10217	VA	VAN			L92 FLOOR MATS M10 MICROFILTER		
Code-Engine Prefix V	C Number-Engine Serial V	/C Code-Trans Ty	pe VC Co	de-Vehicle	e Color VC	;	S01 S	EAT PACKAGE	
VQ35	632005	A	К1	2					
Name-Plant VC	Date-Manufacture VC	Date-In Service	TL Co	de-Distribu	utor TL				
Canton (NMM)	9/19/2006	2/22/2007	US	USA					
Dir Reti Last VC									
Code Reg	ion Name		City		0	State			
2709 24	ORLAND	PARK NISSAN,	INC. OR	LAND PA	ARK				
Code Reg	nion Name		City			State			
Code-Component TL	ORLAND Desc	PARK NISSAN, Code-Symp TL De	esc	LAND P/	ARK r Mode TL			er Temp TL Desc	
2709 24 Code-Component TL ECCS (SENSORS	ORLAND Desc & SWITCHES)	Code-Symp TL De	INC. OR	LAND P/ Code-Ope NOT IDE	ARK r Mode TL	L Desc		er Temp TL Desc ENTIFIED	
Code-Component TL	ORLAND Desc & SWITCHES)	Code-Symp TL De	INC. OR	LAND P/ Code-Ope NOT IDE	ARK r Mode TL	L Desc	NOT ID	Concernence (Concernence)	
Code-Component TL ECCS (SENSORS	ORLAND Desc & SWITCHES)	Code-Symp TL De CHECK ENGIN The Desc Co	INC. OR	LAND P/ Code-Ope NOT IDE	ARK r Mode TL NTIFIED	IL Desc /-Incd TL	NOT ID	ENTIFIED	
Code-Component TL ECCS (SENSORS Code-Amb Humidity 1 NOT IDENTIFIED	ORLAND Desc & SWITCHES) TL Desc Code-Amb T	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED	INC. OR	LAND P/ Code-Ope NOT IDE TL Desc	ARK r Mode TL NTIFIED Category NOT ID	L Desc Incd TL ENTIFI	NOT ID Desc ED	ENTIFIED Date-Incd TL	
Code-Component TL ECCS (SENSORS Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED	INC. OR	LAND P/ Code-Ope NOT IDE TL Desc	ARK r Mode TL NTIFIED Category NOT ID	L Desc Incd TL ENTIFI	NOT ID Desc ED	ENTIFIED Date-Incd TL 1/1/0001	
Code-Component TL ECCS (SENSORS Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN Flag-FSSS T N	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED	INC. OR esc c E LIGHT I de-Prob Freq g-NNA Inspe	LAND P/ Code-Ope NOT IDE TL Desc ction TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20	L Desc Incd TL ENTIFI	NOT IDI Desc ED ction Flag	ENTIFIED Date-Incd TL 1/1/0001	
Code-Component TL ECCS (SENSORS Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN Flag-FSSS T N	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C	INC. OR esc c E LIGHT I de-Prob Freq g-NNA Inspe	LAND P/ Code-Ope NOT IDE TL Desc ction TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20	L Desc /-Incd TL ENTIFI MA Inspec 13	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL D6 Code-Reason For Ca Flag-Parts Avail	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN Flag-FSSS T N II TL Desc: R	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe	LAND P/ Code-Ope NOT IDE TL Desc ction TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE	L Desc /-Incd TL ENTIFI MA Inspec 13	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL:	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL D6 Code-Reason For Ca Flag-Parts Avail	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN Flag-FSSS T N II TL Desc: R Date-Parts R 1/1/01	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe ALL FOR A me-Parts For	LAND P/ Code-Oper NOT IDE TL Desc ction TL ASSISTA TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE Date-Pai	L Desc /-Incd TL ENTIFI MA Inspec 13	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN Flag-FSSS T N II TL Desc: R Date-Parts R 1/1/01 CLOSED D	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C request TL Na	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe ALL FOR A me-Parts For	LAND P/ Code-Oper NOT IDE TL Desc ction TL ASSISTA TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE Date-Pai	L Desc /-Incd TL ENTIFI MA Inspec 13	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDENT Flag-FSSS T N II TL Desc: Date-Parts R 1/1/01 CLOSED D F- CLOSED	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C Request TL Na URING SFDC N	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe ALL FOR A me-Parts For	LAND P/ Code-Oper NOT IDE TL Desc ction TL ASSISTA TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE Date-Pai	L Desc /-Incd TL ENTIFI MA Inspec 13	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL D6 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc Text-Dealer Followup	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDENT Flag-FSSS T N II TL Desc: Date-Parts R 1/1/01 CLOSED D F- CLOSED	Code-Symp TL De CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C Request TL Na URING SFDC N	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe ALL FOR A me-Parts For	LAND P/ Code-Oper NOT IDE TL Desc ction TL ASSISTA TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE Date-Pai	L Desc /-Incd TL ENTIFI MA Inspec 13	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc Text-Dealer Followup M	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN Flag-FSSS T N ITL Desc Comment TL:	Code-Symp TL Des CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C request TL Na URING SFDC N D (RESOLVED)	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe CALL FOR A me-Parts For	LAND P/ Code-Ope NOT IDE TL Desc ction TL ASSISTA TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE Date-Pai 1/1/01	L Desc Incd TL ENTIFI A Inspec 13 ts Recvo	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -MIL ON, FUEL G/	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDEN Flag-FSSS T N ITTL Desc Date-Parts R 1/1/01 CLOSED D F- CLOSED Comment TL:	Code-Symp TL Des CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C request TL Na URING SFDC N D (RESOLVED)	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe CALL FOR A me-Parts For	LAND P/ Code-Ope NOT IDE TL Desc ction TL ASSISTA TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE Date-Pai 1/1/01	L Desc Incd TL ENTIFI A Inspec 13 ts Recvo	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL: Date-Parts Shipped	
Code-Component TL ECCS (SENSORS Code-Amb Humidity 7 NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -MIL ON, FUEL GA ** DEALER ACTIC	ORLAND Desc & SWITCHES) TL Desc Code-Amb T NOT IDENT Flag-FSSS T N ITTL Desc: Date-Parts R 1/1/01 CLOSED D Comment TL: MMENT: AUGE WAS STUCK O	Code-Symp TL Des CHECK ENGIN Temp TL Desc Co TIFIED TL Fla N EASONABLE C request TL Na URING SFDC N O (RESOLVED) N EMPTY FOR A	INC. OR esc (E LIGHT I de-Prob Freq g-NNA Inspe CALL FOR A me-Parts For	LAND P/ Code-Ope NOT IDE TL Desc ction TL ASSISTA TL	ARK r Mode TL NTIFIED Category NOT ID Date-NN 1/24/20 NCE Date-Pai 1/1/01	L Desc Incd TL ENTIFI A Inspec 13 ts Recvo	NOT ID Desc ED Ction Flag	ENTIFIED Date-Incd TL 1/1/0001 Number-Project TL ag-Attachment TL: Date-Parts Shipped	



9

-FOUND P0462 FUEL LEVEL SENSOR IN ECM.

-FUEL LEVEL SENSOR WAS REPLACE OMN FIRST VISIT.

-ANOTHER TECH INSPECTED AND 2ND VISIT FOR SAME DTC.

-FUEL PUMP WAS REMOVED AND REINSTALLED AT THAT TIME.

** TSS RECOMMENDATION/RESULT:

-INSPECT HARNESS AND CONNECTORS FROM METER TO SENSOR.

-INSPECT PIN FIT IN CONNECORS.

-MONTOR SEN VOLTAGE WITH CONSULT WHILE WIGGING AND TUGGING ON HARNESS

AND CONNECTORS

-IF HARNESS AND CONNECRTORS OK REPLACE COMBO METER





ID-Report TL										
ID-Report TL Co	de-Record Ty	vpe TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revision	TL Date-Close TL		
	N			0	2/14/2	013	2/3/14	2/3/14		
Text-Incd Desc TL										
FUEL GAUGE RE	ADS 0 INT	ERMIT PO46	62				_			
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame			Na	me-Caller TL		
135		z -	JASON BE	AGLE						
Code-Series TL V42	MY Full T	L	Code-Mode	el Line TL	VIN-TL 5N1BV28	U87N		l Options SPLASH GUARDS		
Mileage-Initial TL	Mileage-C	urrent TI	Code-NNA	Model VC	Code-Body 7		C03 E	STATE EMISSION		
0000000	064982	dirent re	10217	Moder vo	VAN	Jpc / L	1000	LOOR MATS		
Code-Engine Prefix \	/C Number-E	Engine Serial V	C Code-Tran	s Type VC	Code-Vehicle	e Color VC		MICROFILTER SEAT PACKAGE		
VQ35	628700		A	and a	G10		-			
Name-Plant VC		ufacture VC	Date-In Service TL 12/22/2006		Code-Distribi	utor TL				
Canton (NMM)	9/12/200	6			USA			-		
	vion	Mame			City	Sta	10			
Code Reg 3902 44	lion	Name UNITED N	ISSAN		City		le .			
3902 44 Code-Component TL	Desc	UNITED N	ISSAN Code-Symp T	1.0.1	LAS VEGAS	S NV		per Temp TL Desc		
INSTRUMENTS &					T NOT IDE			DENTIFIED		
Code-Amb Humidity			emp TL Desc				cd TL Desc	Date-Incd TL		
Code-TREAD TL	-	Flag-FSSS 7		Flag-NNA Ir	spection TL	1	and and and a state	Number-Project TL		
11		N		N		The second se				
Same and Same						2/14/2013		A.A.		
Code-Reason For Ca	I TL Desc.	N	OT IDENTIF			2/14/2013	F	7К		
Flag-Parts Avail	II TL Desc:	N Date-Parts R 1/1/01	OT IDENTIF		For TL	2/14/2013 Date-Parts / 1/1/01	to be an	A.A.		
Flag-Parts Avail N	III TL Desc:	Date-Parts R 1/1/01		IED Name-Parts		Date-Parts I	to be an	7K Flag-Attachment TL: I Date-Parts Shipped T		
Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Deso		Date-Parts R 1/1/01 CLOSED D	equest TL	IED Name-Parts C MIGRAT		Date-Parts I	to be an	7K Flag-Attachment TL: I Date-Parts Shipped T		
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup	x	Date-Parts R 1/1/01 CLOSED D F- CLOSED	equest TL URING SFD	IED Name-Parts C MIGRAT		Date-Parts I	to be an	7K Flag-Attachment TL: I Date-Parts Shipped T		
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	o Comment T DMMENT:	Date-Parts R 1/1/01 CLOSED D F- CLOSED	equest 7L URING SFD) (RESOLVE	IED Name-Parts C MIGRAT		Date-Parts I	to be an	7K Flag-Attachment TL: I Date-Parts Shipped T		
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	o Comment 7 DMMENT: E SOON LI	Date-Parts R 1/1/01 CLOSED D F- CLOSED L:	equest 7L URING SFD) (RESOLVE	IED Name-Parts C MIGRAT		Date-Parts I	to be an	7K Flag-Attachment TL: I Date-Parts Shipped T		
Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -SERVICE ENGIN -	2 Comment 7 DMMENT: E SOON LI DN/OBSER	Date-Parts R 1/1/01 CLOSED D F- CLOSED L: IGHT CAME	equest 7L URING SFD) (RESOLVE	IED Name-Parts C MIGRAT		Date-Parts I	to be an	7K Flag-Attachment TL: I Date-Parts Shipped T		



-P0462 FUEL LEVEL SEN/CIR LOW(7K)

-REPLACED FUEL PUMP.....NO CHANGE.

-REPLACED BODY HARNESS TO FUEL PUMP......NO CHANGE.

-FUEL GAUGE WILL READ ZERO INTERMITTENTLY.

Created by Jason Beagle at 2014-02-02 17:00:00

Created by Jason Beagle at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-CHECK SIGNAL TO METER AT PINS 6 AND 4.

** CUSTOMER COMMENT:-SERVICE ENGINE SOON LIGHT CAME ON.-** DEALER ACTION/OBSERVATION:** VERIF -CHECK WHILE DUPLICATION OF INCIDENT.

LIGHT CAME ON.-P0462 FUEL LEVEL SEN/CIR LOW (7K)-REPLACED FUEL PUMP......NO CHA

-IF CIRCUIT IS OPEN, PERFORM HARNESS WIGGLE TEST WHILE READING OHMS.

PUMP......NO CHANGE.-FUEL GAUGE WILL READ ZERO INTERMITTENTLY.-** TSS RECOMMENDATION/R ECK WHILE DUPLICATION OF INCIDENT.-IF CIRCUIT IS OPEN, PERFORM HARNESS WIGGLE TEST WHILE READI

-IF CIRCUIT CHECKS GOOD, REPLACE COMBO METER.





ID-Report TL				_					
ID-Report TLCod	le-Record Ty N	pe TL Desc	Number	-Revision TL 0	Date-0	Open TL 2013	Date-Revis 2/3/14	ion TL	Date-Close TL 2/3/14
Text-Incd Desc TL									
RAN OUT OF FUE	L, 1/4 ON	GAUGE						_	
Code-TSS1 TL		Code	-TSS1 TL Na	ame				Name-	Caller TL
237	-	z - 0	HRIS O'C	CONNOR					
Code-Series TL V42	MY Full TL 2007		Code-Mode	el Line TL	VIN-TL 5N1BV28	U97N	Insta B10	lled Opt	ions ASH GUARDS
Mileage-Initial TL 0000000	Mileage-C	urrent TL	Code-NNA Model VC Code-Body Type TL		VEHI L92	C03 50 STATE EMISSIO VEHICLE L92 FLOOR MATS M10 MICROFILTER			
Code-Engine Prefix V	C Number-E	ngine Serial VC	Code-Trans	s Type VC	Code-Vehicle	e Color VC	S01 W95	SEAT	PACKAGE GO COVER
Name-Plant VC	Date-Man	ıfacture VC	Date-In Ser		Code-Distrib	utor TL			
Canton (NMM) Dir Reti Last VC	8/14/200		10/30/200	1	USA				
Code Reg 3821 32	ion	Name BILL HOOD			City HAMMOND		tate		
3794 32 Code-Component TL			ode-Symp Ti	L Desc	Code-Ope	er Mode TL			emp TL Desc
INSTRUMENTS &		G Code-Amb Te		Code-Prob	T NOT IDE		NOT		TIFIED
NOT IDENTIFIED		NOT IDENT	IFIED	1		NOT IDE	NTIFIED	1/1	/0001
Code-TREAD TL		Flag-FSSS TL		Flag-NNA In N	spection TL	Date-NN/	and the second	lag Nu	mber-Project TL
Code-Reason For Ca	II TL Desc:	NO	TIDENTIF	IED				Flag-	Attachment TL: N
Flag-Parts Avail N		Date-Parts Re 1/1/01	quest TL	Name-Parts	For TL	Date-Part	s Recvd TL		te-Parts Shipped TL /01
Text-Solution TL:		CLOSED DU	RING SFD	C MIGRAT	ION			-	
Code-Status TL Desc	c .	F- CLOSED	RESOLVE	D)					
Text-Dealer Followup M	to constant								
** CUSTOMER CC - CS VEHICLE RA -		GAS, GAUG	E TANK SI	HOWED ¿ 1	ANK				
** DEALER ACTIC ** VERIFIED Y RE - 1/4 SHOWING O	PAIR ATTE	MPTS 3_DA							





CUSTOMER ADDED 2 GALLONS OF FUEL AND VEHICLE RESTARTED.

- PERFORMED METER SELF TEST, FUEL GAUGE SWEEPS AS EXPECTED.

- FUEL SENDING UNIT HAS BEEN REPLACED 2X.

- NO DTC'S STORED

Created by Christopher O'Connor at 2014-02-02 17:00:00

Created by Christopher O'Connor at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

- ADVISED TO COMPARE DATA MONITOR LITER VALUE WITH GAUGE READING PER

** CUSTOMER COMMENT:- CS VEHICLE RAN OUT OF GAS, GAUGE TANK SHOWED ¿¿¿ TANK-** DEALER ACTION

/4 SHOWING ON GAUGE, VEHICLE IS STARTING.- CUSTOMER ADDED 2 GALLONS OF FUEL AND VEHICLE REST DI-21 IN ESM.

- REPLACE COMBINATION METER IF NO MATCH FOUND.

XPECTED.- FUEL SENDING UNIT HAS BEEN REPLACED 2X.- NO DTC'S STORED** TSS RECOMMENDATION/RESU E READING PERDI-21 IN ESM.- REPLACE COMBINATION METER IF NO MATCH FOUND.





ID-Report TL				_						
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Revisi	on TL	Date-Close TL	
	1	MINI		0	3/25/2	013	2/3/14		2/3/14	
Text-Incd Desc TL										
P0462 FUEL LEVE	EL SEN/CI	RLOW								
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame				Name	-Caller TL	
102		z.	MICHAEL	LEMMON	IS					
Code-Series TL	MY Full T	L	Code-Mode	el Line TL	VIN-TL	U47N	Instal			
Mileage-Initial TL		Current TL		Model VC			C03 VEHI		TATE EMISSION	
0000000	101700		- entre	Code-NNA Model VC Code-Body Type TL 10317 VAN		G93 MIRR	and the second second second			
Code-Engine Prefix V		Engine Serial V		s Type VC	Code-Vehicle	e Color VC	VC L92 M10 N92		OR FLOOR MATS MICROFILTER ROOF RAIL CROSS	
Name-Plant VC	Date-Mar	nufacture VC	Date-In Sei		Code-Distribu	utor TL	BARS S01	BARS		
Canton (NMM) Dir Reti Last VC Code Reg	10/23/20	Name	3/24/2007		USA City	St	ate			
Serv Dir TL Code Reg 3094 26	tion	Name CONICEL	LI NISSAN		city CONSHOHO	and the second	ate A			
Code-Component TL	Desc		Code-Symp T	L Desc	Code-Ope	r Mode TL [Desc Code-	Oper	Temp TL Desc	
INSTRUMENTS &	GAUGES		CHECK EN	GINE LIGH		NTIFIED	NOT	IDEN	ITIFIED	
Code-Amb Humidity	TL Desc	Code-Amb T	emp TL Desc	Code-Prob	Freq TL Desc	Category-I	incd TL Desc		ate-Incd TL 1/0001	
Code-TREAD TL		Flag-FSSS 7 N	1	Flag-NNA I	nspection TL	Date-NNA 3/25/201	C	ction Flag Number-Project		
Code-Reason For Ca	II TL Desc:	N	OT IDENTIF	IED				Flag	-Attachment TL: N	
Flag-Parts Avail N		Date-Parts R	equest TL	Name-Parts	s For TL	Date-Parts 1/1/01	Recvd TL		ate-Parts Shipped TL 1/01	
Text-Solution TL:		CLOSED D	URING SFD	C MIGRAT	ION					
Code-Status TL Desc	5	F- CLOSED	(RESOLVE	D)						
Text-Dealer Followup	Comment 1	TL:								
** CUSTOMER CO							_			
- CHECK ENGINE		۷.								
** DEALER ACTIC	N/OBSER	VATION:								
** VERIFIED Y RE	PAIR ATT	EMPTS 3 D	AYS DOWN	11						
- CUST STATES F					TANK.					
- P0462 FUEL LE\										





REPLACED FUEL LEVEL SENDER AND SUB HARNESS B252 TO B251.

VEH RETURNED 500 MILES LATER WITH SAME DTC.

- FUEL GAUGE AT FULL AT THIS TIME.

CONSULT DATA INDICATES FUEL LEVEL 67.2L.

CODE WILL NOT RESET AT THIS TIME.

- METER WILL NOT ENTER SELF DIAGNOSIS.

Created by Michael Lemmons at 2014-02-02 17:00:00

Created by Michael Lemmons at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- CHECK ENGINE LIGHT ON.** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR

- UNPLUG FUEL SENDER AND DETERMINE IF GAUGE WILL READ EMPTY.

ER GO BELOW 1/4 TANK.- P0462 FUEL LEVEL SEN/CIR LOW- REPLACED FUEL LEVEL SENDER AND SUB HARNE

- IF FUEL GAUGE STILL READS 1/4 OR MORE WITH CIRCUIT OPEN REPLACE METER.

DTC.- FUEL GAUGE AT FULL AT THIS TIME.- CONSULT DATA INDICATES FUEL LEVEL 67.2L.- CODE WILL NOT R

- IF METER DOES READ EMPTY CHECK HARNESS BETWEEN METER AND SENDER.

- CHECK RESISTANCE OF SENDER AND COMPARE TO RESISTANCE AT METER.

IS.** TSS RECOMMENDATION/RESULT:- UNPLUG FUEL SENDER AND DETERMINE IF GAUGE WILL READ EMPTY.

REPLACE METER.- IF METER DOES READ EMPTY CHECK HARNESS BETWEEN METER AND SENDER.- CHECK R

- WIGGLE TEST HARNESS WHILE MONITORING RESISTANCE.

- CHECK CONNECTORS B148/B251 AND B104/M114.

LE TEST HARNESS WHILE MONITORING RESISTANCE.- CHECK CONNECTORS B148/B251 AND B104/M114.





ID-Report TL			_	_						
ID-Report TL Cod	de-Record Ty	pe TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revision	n TL Date-Close	TL	
	N	AINI		0	4/5/20	13	4/5/13			
Text-Incd Desc TL										
FUEL GAUGE WIL	L NOT RE		1/8							
Code-TSS1 TL		Cod	le-TSS1 TL Na	ame			N	ame-Caller TL		
124		z -	тімотну	MINZAK			-			
Code-Series TL	MY Full T	L	Code-Mode	el Line TL	VIN-TL		Installe	d Options		
V42	2007		QST		5N1BV28	U17N	C03	50 STATE EMISSI	NC	
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA	Model VC	Code-Body 7	ype TL		TECHNOLOGY AGE (XM)		
000000	124288		10617		VAN		J96 :	SUNROOF WIND		
Code-Engine Prefix V VQ35	C Number-E	Engine Serial \	/C Code-Tran:	s Type VC	Code-Vehicle	e Color VC	K69	L92 FLOOR MATS		
Name-Plant VC		ufacture VC	Date-In Ser	vice TI	Code-Distribu	utor TL	13.15	SEAT PACKAGE NAVIGATION & PA	AX	
Canton (NMM)	3/29/200		5/28/2007		USA		PACKA	PACKAGE		
Dir Reti Last VC	There are		Televeres	-	1.222		MANU	CLEAR COLL COLL COLL		
Code Reg	ion	Name			City	Sta	1000	DVD DOAL SCRE		
3435 26		SHEEHY N	NISSAN		GLEN BURN	NIE				
3435 26 Code-Component TL			Code-Symp T	L Desc		r Mode TL D	esc Code-C	Oper Temp TL Desc	-	
INSTRUMENTS & Code-Amb Humidity 1 NOT IDENTIFIED			emp TL Desc		IT NOT IDE		ncd TL Desc	DENTIFIED Date-Incd TL 1/1/0001		
Code-TREAD TL		Flag-FSSS 1 N	ı.	Flag-NNA lı N	nspection TL	Date-NNA	Inspection Fla	g Number-Project	n.	
Code-Reason For Ca	II TI Desc		OT IDENTIF	1				Flag-Attachment Tl	- N	
Flag-Parts Avail N		Date-Parts R 1/1/01	equest TL	Name-Parts	For TL	Date-Parts 1/1/01	a second	Date-Parts Shipp 1/1/01	-	
Text-Solution TL:										
Code-Status TL Desc	1	A-PENDIN	IG DEALER	FOLLOW-	UP					
	Comment T	L-								
Text-Dealer Followup M		_								
A CONTRACT OF CONTRACT		EAR UNDE	R 1/8TH TA	NK						
M ** CUSTOMER CO	ILL NOT R		R 1/8TH TA	NK						
M ** CUSTOMER CO - FUEL GAUGE W ** DEALER ACTIO	ILL NOT R	VATION:								
M ** CUSTOMER CO - FUEL GAUGE W	ILL NOT R DN/OBSER PAIR ATTI	VATION: EMPTS 1_ D	AYS DOWN	12	-OW 1/4 TAI	NK WHEN				





- FUEL PUMP ASSY WAS REPLACED WITH NO CHANGE

- GUAGE SWEEP IN SELF DIAG SHOW TO SWEEP CORRECTLY

Created by System Account NNAINT at 2014-02-02 17:00:00

Created by System Account NNAINT at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

- ADVISED TECH TO REPLACED COMBO METER

** CUSTOMER COMMENT:- FUEL GAUGE WILL NOT REAR UNDER 1/8TH TANK** DEALER ACTION/OBSERVATION

ED THE FUEL GAUGE WILL NOT READ BELOW 1/4 TANK WHENSENDING UNIT IS SWEPT OUT OF TANK- FUEL P

DIAG SHOW TO SWEEP CORRECTLY** TSS RECOMMENDATION/RESULT:- ADVISED TECH TO REPLACED COMB





ID-Report TL		8		_						
ID-Report TL Cod	le-Record T	ype TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revi	sion TL	Date-Close TL	
	N	AINI		0	4/16/2	013	4/16/13			
Text-Incd Desc TL										
DIED WHILE DRIV	ING									
Code-TSS1 TL		Cod	e-TSS1 TL Ne	ame				Name	-Caller TL	
135		z -	JASON BE	EAGLE						
Code-Series TL	MY Full T	L	Code-Mode	el Line TL	VIN-TL	1.1	Inst	alled O	otions	
V42	2007		QST		5N1BV28	UX7N		B10 SPLASH GUARDS C03 50 STATE EMISSIO		
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA	Model VC	VAN		VEH	VEHICLE		
0000000	087703		10317				MIR	G93 E.C. AUTO DIMM MIRROR		
Code-Engine Prefix V		Engine Serial V	and a local spin start of the second		e Color VC	IN I C	MIC	OR MATS		
VQ35	629644		A		K11	all the local	BAR	N92 ROOF RAIL C		
Name-Plant VC		ufacture VC	Date-In Ser	the state of	Code-Distribu	utor TL		S01 SEAT PACKAGE T10 TOW PACKAGE		
Canton (NMM) Dir Reti Last VC	9/13/200	0	6/7/2007	USA		1.00	T12 TOW HITCH			
Code Reg	ion	Name		(ity State				RGO COVER	
1964 24			TO NISSAN		AZELWOC					
Code-Component TL INSTRUMENTS &			Code-Symp T		Code-Oper				Temp TL Desc	
Code-Amb Humidity			emp TL Desc	Code-Prob F		Category	-Incd TL Des	c D	ate-Incd TL /1/0001	
Code-TREAD TL		Flag-FSSS 7 N	ı	Flag-NNA In: N	spection TL	Date-NN	in a claim	Flag N	umber-Project TL	
Code-Reason For Ca	II TI Desc			1.44		1.1.0,22		Flac	-Attachment TL: N	
Flag-Parts Avail		Date-Parts R		Name-Parts	For TL	Date-Part	ts Recvd TL		ate-Parts Shipped T	
N		1/1/01	and the second sec		1112	1/1/01	- 1. C. C. C. C.		/1/01	
Text-Solution TL:								1.5		
Code-Status TL Desc	U.	A-PENDIN	G DEALER	FOLLOW-L	IP					
Text-Dealer Followup	Comment T	L:								
м										
** CUSTOMER CO	MMENT:									
-DIED WHILE DRI	VING.									
-	-	an ann					_			
** DEALER ACTIC	N/OBSER	VATION:								
** VERIFIED Y RE	PAIR ATT	EMPTS 2_D	AYS DOWN	13						



-VEHICLE RAN OUT OF FUEL.

-REPLACED FUEL PUMP PREVIOUSLY......NO CHANGE.

-REPLACED FUEL PUMP AGAIN.....NO CHANGE.

-FUEL GAUGE SHOWS 1/16TH TANK FUEL WHEN COMPLETELY OUT OF GAS.

-WITH NEW PUMP AND SENDER ON STOPPER, GAUGE STILL READS 1/16TH.

** TSS RECOMMENDATION/RESULT:

-PERFORM METER AND GAUGE SELF TEST.

-IF IT PASSES, INSPECT WIRING AND CONNECTORS FOR CORROSION/SHORT/PIN FIT





ID-Report TL								
ID-Report TL Cod	e-Record Type TL Desc MINI	Number	-Revision TL 0	Date-C 4/19/2	0pen TL 2013	Date-Revisio 4/19/13	n TL	Date-Close TL
Text-Incd Desc TL								
FUEL GAUGE INN.	ACURATE, NO CODE	S			_			
Code-TSS1 TL	Code	-TSS1 TL Na	ame			N	ame-C	aller TL
177	Z - 1	PHILLIP P	AGE	_				
Code-Series TL V42	MY Full TL 2007	Code-Mode	el Line TL	VIN-TL 5N1BV28	U57N	B10		
Mileage-Initial TL 0000000	Mileage-Current TL 161448	Code-NNA 10317	A Model VC Code-Body Type TL VAN		VEHIC	C03 50 STATE EMISS VEHICLE L92 FLOOR MATS M10 MICROFILTER		
Code-Engine Prefix V(2 Number-Engine Serial Vi 585200	C Code-Trans	s Type VC	Code-Vehicle	e Color VC	S01	S01 SEAT PACKAGE	
Name-Plant VC Canton (NMM)	Date-Manufacture VC	Date-In Ser		Code-Distribu	utor TL			
Dir Reti Last VC Code Regi 3690 24		1		City BURNSVILL	10.0	tate		
2117 24 Code-Component TL I INSTRUMENTS &		Code-Symp T	L Desc	Code-Ope	r Mode TL I	Desc Code-C NOT I		emp TL Desc IFIED
Code-Amb Humidity T	L Desc Code-Amb Te		Code-Prob	Freq TL Desc		Incd TL Desc		e-Incd TL 10001
Code-TREAD TL	Flag-FSSS TI N		Flag-NNA II	nspection TL	Date-NNA 4/19/201		ection Flag Number-Projec	
Code-Reason For Call	Zahren Teal	T IDENTIF			415/201		Flag_A	ttachment TL: N
Flag-Parts Avail	Date-Parts Re		Name-Parts	For TL	Date-Parts 1/1/01	Recvd TL		e-Parts Shipped TL
Text-Solution TL:							4.4	
Code-Status TL Desc:	A- PENDIN	G DEALER	FOLLOW-	UP				
Text-Dealer Followup	Comment TL ⁻							
** CUSTOMER CO - STILL HAS ISSUE	MMENT: ES WITH GAS TANK S	INCE LAST	TIME IN					
** VERIFIED N REF	N/OBSERVATION: PAIR ATTEMPTS 3_ D. SEMBLIES HAVE BEI			IOSLY				





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-DATA MONITOR DISPLAYS 27.2 LITERS

- FUEL GAUGE REAS SLIGHTLY OVER 1/4 TANK

- FUEL GAUGE SWEEP SHOWS OK

Created by Phillip Page at 2014-02-02 17:00:00

Created by Phillip Page at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- STILL HAS ISSUES WITH GAS TANK SINCE LAST TIME IN-** DEALER ACTION/OBSERV

- REPLACE THE COMBINATION METER

UEL PUMP ASSEMBLIES HAVE BEEN REPLACED PREVIOSLY-DATA MONITOR DISPLAYS 27.2 LITERS- FUEL GA

** TSS RECOMMENDATION/RESULT:- REPLACE THE COMBINATION METER





		-							
ID-Report TL Cod	de-Record Type TL Desc	Number-	Revision TL	Date-C	pen TL	Date-Revision	TL Date-Close TL		
	MINI		2	5/7/20	13	5/7/13			
Text-Incd Desc TL									
MIL ON P0462 FU	EL LVL CIR								
Code-TSS1 TL	Co	de-TSS1 TL Na	me			Na	ame-Caller TL		
143	z	- CRAIG WA	TSON						
Code-Series TL	MY Full TL	Code-Mode	I Line TL	VIN-TL	100	Installed	d Options		
V42	2007	QST		5N1BV28	U37N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SPLASH GUARDS		
Mileage-Initial TL	Mileage-Current TL	Code-NNA I	Model VC	Code-Body 7	Type TL	VEHICL	Contract and a		
0000000	087765	10317 VAN			LOOR MATS				
Code-Engine Prefix V	C Number-Engine Serial	VC Code-Trans	Type VC	Code-Vehicle	e Color VC	S01 5	SEAT PACKAGE		
VQ35	605074	A		A15					
Name-Plant VC	Date-Manufacture VC	Date-In Ser	vice TL	Code-Distrib	utor TL				
Canton (NMM)	8/9/2006	11/27/2000	6	USA					
Dir Reti Last VC		1.000			1.1				
Code Reg	ion Name			City	Sta	ate			
5060 26	MVP NIS	SAN OF EXTO	ON I	EXTON					
5005 26	FRED BE	ANS NISSAN		LIMERICK	PA	N			
Code-Component TL	Desc	Code-Symp TL	Desc	Code-Ope	r Mode TL D	esc Code-O	per Temp TL Desc		
		Code-Symp TL					per Temp TL Desc DENTIFIED		
Code-Component TL ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED	& SWITCHES)	CHECK ENG	INE LIGHT	NOTIDE	NTIFIED	NOT ID			
ECCS (SENSORS	& SWITCHES)	CHECK ENG Temp TL Desc	INE LIGHT	NOT IDE	NTIFIED Category-li NOT IDEI	NOT IE	DENTIFIED		
ECCS (SENSORS Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL	& SWITCHES) TL Desc Code-Amb NOT IDEN	CHECK ENG Temp TL Desc NTIFIED TL	GINE LIGHT	NOT IDE	NTIFIED Category-li NOT IDEI	NOT IE	Dentified Date-Incd TL 1/1/0001		
ECCS (SENSORS Code-Amb Humidity 1 NOT IDENTIFIED	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N	CHECK ENG Temp TL Desc NTIFIED TL	GINE LIGHT Code-Prob F Flag-NNA In N	NOT IDE	NTIFIED Category-li NOT IDEI Date-NNA	NOT ID ned TL Desc NTIFIED Inspection Flag	DenTIFIED Date-Incd TL 1/1/0001 Number-Project TL		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc N Date-Parts I	CHECK ENG Temp TL Desc NTIFIED TL	GINE LIGHT Code-Prob F Flag-NNA In N	Freq TL Desc	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT IE ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL_ N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: N	CHECK ENG Temp TL Desc TIFIED TL	GINE LIGHT Code-Prob F Flag-NNA In N ED	Freq TL Desc	NTIFIED Category-II NOT IDEI Date-NIVA 5/7/2013	NOT IE ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL:	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc N Date-Parts 1/1/01	CHECK ENG Temp TL Desc NTIFIED TL NOT IDENTIFI Request TL	Flag-NNA In N ED Name-Parts	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT IE ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL_ N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N UTL Desc N Date-Parts 1/1/01	CHECK ENG Temp TL Desc TIFIED TL	Flag-NNA In N ED Name-Parts	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT IE ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL_ N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N UTL Desc N Date-Parts 1/1/01	CHECK ENG Temp TL Desc NTIFIED TL NOT IDENTIFI Request TL	Flag-NNA In N ED Name-Parts	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT IE ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL_ N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc N Date-Parts 1/1/01 Comment TL	CHECK ENG Temp TL Desc NTIFIED TL NOT IDENTIFI Request TL	Flag-NNA In N ED Name-Parts	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT IE ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL_ N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL D6 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M	& SWITCHES) IL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: Date-Parts 1/1/01 Comment TL: DMMENT:	CHECK ENG Temp TL Desc NTIFIED TL NOT IDENTIFI Request TL	Flag-NNA In ED Follow-I	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT ID ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC - CUST STATES N	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc N Date-Parts 1/1/01 Comment TL	CHECK ENG Temp TL Desc NTIFIED TL NOT IDENTIFI Request TL	Flag-NNA In ED Follow-I	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT ID ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL_ N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC - CUST STATES N	& SWITCHES) IL Desc Code-Amb NOT IDEN Flag-FSSS N II TL Desc: N II TL Desc: N II TL Desc: N Date-Parts 1/1/01 Comment TL- N OMMENT: NIL ON, FUEL GUAGE DN/OBSERVATION: N	CHECK ENG Temp TL Desc NTIFIED TL NOT IDENTIFI Request TL	Fiag-NINA In N ED Name-Parts	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT ID ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL N Date-Parts Shipped T		
ECCS (SENSORS Code-Amb Humidity T NOT IDENTIFIED Code-TREAD TL 06 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC - CUST STATES M ** DEALER ACTIO	& SWITCHES) TL Desc Code-Amb NOT IDEN Flag-FSSS N IT TL Desc N Date-Parts I 1/1/01 Comment TL: MMENT: MIL ON, FUEL GUAGE	CHECK ENG Temp TL Desc NTIFIED TL NOT IDENTIFI Request TL NG DEALER	EMPTY TO	For TL	NTIFIED Category-II NOT IDEI Date-NNA 5/7/2013 Date-Parts	NOT ID ned TL Desc NTIFIED Inspection Flag	Date-Incd TL 1/1/0001 Number-Project TL 7K Flag-Attachment TL_ N Date-Parts Shipped T		





- NO HARNESS INSPECTION PERFORMED
- CALLING FOR RECCOMENDATION
Created by John Irion at 2014-02-02 17:00:00
Created by John Irion at 2014-02-02 18:00:00
** TSS RECOMMENDATION/RESULT:
- ADVISED TO DUPLICATE INCIDENT AND MONITOR FUEL METER, FUEL GAUGE, AND
** CUSTOMER COMMENT:- CUST STATES MIL ON, FUEL GUAGE CHANGES EMPTY TO FULL** DEALER ACTION/C
ACTUAL FUEL LEVEL IN TANK TO DETERMINE IF HARNESS, METER, LEVL SENS
EPLACED 2 LEVEL SENDERS (AFTERMARKET PARTS)- P0462 FUEL LEVEL SEN/CIR LOW (7K)- NO HARNESS I
IS CAUSE
RECOMMENDATION/RESULT:- ADVISED TO DUPLICATE INCIDENT AND MONITOR FUEL METER, FUEL GAUGE, A
LEVL SENSIS CAUSE****UPDATE 05-07-13 TSS 186-TECH CALLED WITH UPDATEINSPECTED HARNESS AND CO
****UPDATE 05-07-13 TSS 186
CONNECTOR IS TIGHT ON PUMPINSPECT PIN FIRT IN CONNECTORS AT PUMP, METER AND CONNECTORS IN E
-TECH CALLED WITH UPDATE.
CONNECOTRS OK REPLACE METER ASSY**UPDATE TSS 165 JI 05/07/13-CHECKED RESISTANCE BETWEEN PINS
-INSPECTED HARNESS AND CONNECTORS AT FUEL LEVEL SENSOR CONNECTOR ON TOP
NK IS NEARLY FULL >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
OF PUMP.
-CONNECTOR IS TIGHT ON PUMP.
-INSPECT PIN FIRT IN CONNECTORS AT PUMP, METER AND CONNECTORS IN BETWEEN
-MOITOR VOLTAGE AT TIME IOF INCIDENT
-IF HARNESS AND CONNECOTRS OK REPLACE METER ASSY
**UPDATE TSS 165 JI 05/07/13
-CHECKED RESISTANCE BETWEEN PINS 4 AND 6 AT METER, 11.5 OHMS
-GAUGE IS STAYING ON EMPTY
-TANK IS NEARLY FULL >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
-VERIFY POWER AND GROUND TO METER, REPLACE METER IF O.K.





ID-Report TL					-				0	
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Revision	TL	Date-Close TL	
	N	MINI		0	5/14/2	013	5/14/13			
Text-Incd Desc TL										
FUEL GAUGE ER	RATIC_PO	462 FUEL L	EVEL		-			_	-	
Code-TSS1 TL		Cod	e-TSS1 TL Na	ame			N	ame-C	aller TL	
157		z -	JOHN SEA	BORN	-		-			
Code-Series TL V42	MY Full T 2007	L	Code-Mode	el Line TL	VIN-TL 5N1BV28	U87N	B10	Ved Options SPLASH GUARDS		
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA Model VC Code-Body Type TL 10617 VAN			C03 50 STATE EMISSION VEHICLE K69 HOMELINK CARD L92 FLOOR MATS				
0000000	076662				1100					
Code-Engine Prefix V VQ35	C Number-E	Engine Serial V	C Code-Trans	s Type VC	Code-Vehicle	e Color VC		01 SEAT PACKAGE 02 DVD DUAL SCREEN		
Name-Plant VC Canton (NMM)	Date-Man 7/27/200	nufacture VC	Date-In Sei 9/14/2006		Code-Distrib	utor TL				
Dir Reti Last VC Code Reg		Name			City	St	ate			
5038 44		GEORGE	GEE NISSA		PASCO					
5315 32 Code-Component TL INSTRUMENTS &			F BISMARC Code-Symp Ti GAUGES/W	L Desc	Code-Ope	r Mode TL L			emp TL Desc	
Code-Amb Humidity		Same	emp TL Desc				incd TL Desc	Date	-Incd TL 0001	
Code-TREAD TL		Flag-FSSS T	L	Flag-NNA Ir N	nspection TL	Date-NNA 5/14/201		on Flag Number-Project T		
Code-Reason For Ca	II TL Desc:	N	OT IDENTIF	IED				Flag-A	ttachment TL: N	
Flag-Parts Avail N		Date-Parts R	equest TL	Name-Parts	For TL	Date-Parts 1/1/01	and a second second	10	e-Parts Shipped TL	
Text-Solution TL:										
Code-Status TL Desc	N	A-PENDIN	IG DEALER	FOLLOW-	UP					
Text-Dealer Followup M	Comment 1	T.								
** CUSTOMER CC - -	DMMENT:									
** DEALER ACTIC	N/OBSER	VATION:								
** VERIFIED Y RE	PAIR ATT	EMPTS 2_D	AYS DOWN	12						
-FUEL GAUGE OF					-					



-P0462 FUEL LEVEL SEN/CIR LOW (7K)

-REPLACED FUEL LEVEL SENDER/PUMP ASSY ON INITIAL VISIT...NO CHANGE.

-CHECKED CIRCUIT FOR CONTINUITY, TESTED "GOOD".

-NO ACCESSORIES OR MODIFICATIONS.

Created by John Seaborn at 2014-02-02 17:00:00

Created by John Seaborn at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

-CHECK PIN FIT AND CONNECTOR INTEGRITY AT ALL CONNECTIONS IN FUEL LEVEL

** CUSTOMER COMMENT:--** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEMPTS 2_ DAYS DOWN

FUEL LEVEL SEN/CIR LOW (7K)-REPLACED FUEL LEVEL SENDER/PUMP ASSY ON INITIAL VISIT...NO CHANGE SENDER CIRCUIT, DI-12.

CCESSORIES OR MODIFICATIONS.** TSS RECOMMENDATION/RESULT:-CHECK PIN FIT AND CONNECTOR INTEG

-LOAD TEST CIRCUIT FROM COMBINATION METER TO FUEL LEVEL SENDER WHILE

-LOAD TEST CIRCUIT FROM COMBINATION METER TO FUEL LEVEL SENDER WHILEPERFORMING HARNESS WI PERFORMING HARNESS WIGGLE TEST.

UNNING AND ALLELECTRICAL ACCESSORIES ON, SHOULD BE LESS THAN .010V.-IF ALL ABOVE TESTS GOOD,-

-VOLT DROP TEST METER GROUND PIN # 21 WITH ENGINE RUNNING AND ALL

ELECTRICAL ACCESSORIES ON, SHOULD BE LESS THAN .010V.

-IF ALL ABOVE TESTS GOOD,

-REPLACE COMBINATION METER.

-TECH TO FOLLOW UP.





ID-Report TL								
ID-Report TL Code	e-Record Type TL Desc	Number	-Revision TL	Date-O	pen TL	Date-Revision	TL	Date-Close TL
	MINI		0	5/20/2	013	5/20/13		
Text-Incd Desc TL								
FUEL GAUGE INA	COURATE							
Code-TSS1 TL	Code	-TSS1 TL Na	ame			Na	ame-Ca	aller TL
172	Z*'	THOMAS	MCBREA	RTY				
Code-Series TL	MY Full TL	Code-Mode	el Line TL	VIN-TL	100	Installe	d Optio	ns
V42	2007	QST		5N1BV28	U87N			HGUARDS
Mileage-Initial TL 0000000	Mileage-Current TL 115235	Code-NNA	Model VC	Code-Body 7	Type TL	VEHICI K69	LE HOME	LINK CARD
Code-Engine Prefix VC	Number-Engine Serial V 0	C Code-Tran	s Type VC	Code-Vehicle	e Color VC	M10 P01		
Name-Plant VC	Date-Manufacture VC	Date-In Ser	rvice TI		vistributor TL			
Canton (NMM)	5/11/2007	2/26/2008	100.00	USA			V01 DVD SINGLE SCREE W95 CARGO COVER	
Dir Reti Last VC		2/20/2008		1.416				
Code Regio 3004 24	on Name TOM WOO	D NISSAN.	INC.	City		ate		
Serv Dir TL Code Regio 3004 24		D NISSAN,	INC.	City INDIANAPO		ate		
Code-Component TL E	and the second s	Code-Symp T		Code-Ope	r Mode TL L	Desc Code-O		mp TL Desc FIED
Code-Amb Humidity Ti NOT IDENTIFIED	Desc Code-Amb Te		Code-Prob	Freg TL Desc	Category-I	Incd TL Desc		-Incd TL 0001
Code-TREAD TL	Flag-FSSS T	Ŀ	Flag-NNA I	nspection TL	Date-NNA	Inspection Flag	g Num	ber-Project TL
11	N		N		5/20/201	3		
Code-Reason For Call	TL Desc: NO	T IDENTIF	IED				Flag-At	tachment TL: N
Flag-Parts Avail N	Date-Parts Re	equest TL	Name-Parts	s For TL	Date-Parts	Section 2		-Parts Shipped TL
Text-Solution TL								
Code-Status TL Desc:	A- PENDIN	G DEALER	FOLLOW	UP				
Text-Dealer Followup (Car manual free							
** CUSTOMER COI	MMENT:							
-FUEL GAUGE INA -	CCURATE							
	N/OBSERVATION: AIR ATTEMPTS 2_ D WED 1/2 TANK ABOT			D CUSTOME	R FILLEC			



TANK BY ADDING 15 GALLONS

-WILL RUN OUT OF FUEL SHOWING 1/4 TANK

-REPLACED SENDING UNIT....NO CHANGE

-NO AFTERMARKET ACCESSORIES NOTED

-NO CODES PRESENT

Created by Thomas McBrearty at 2014-02-02 17:00:00

Created by Thomas McBrearty at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-FUEL GAUGE INACCURATE-** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR

-PER PAGE D1 23 CHECK RESISTANCE IN SENDING UNIT

0.77 GALLONS AND CUSTOMER FILLEDTANK BY ADDING 15 GALLONS-WILL RUN OUT OF FUEL SHOWING 1/4 T

-CONFIRM THAT FLOAT CAN MOVE FULL SWEEP

-REPLACE METER IS ABOVE ARE WITHIN SPEC

SSORIES NOTED-NO CODES PRESENT-** TSS RECOMMENDATION/RESULT:-PER PAGE D1 23 CHECK RESISTAN

PLACE METER IS ABOVE ARE WITHIN SPEC





ID-Report TL Co		1								
D Report IL OU	de-Record T	ype TL Desc	Number	-Revision TL	Date-C	pen TL	Date-Revision	TL Dat	e-Close TL	
	N	MINI		1	6/17/2	013	6/17/13			
Text-Incd Desc TL										
VEHICLE OUT OF	FUEL 1/4		R							
Code-TSS1 TL		Code	-TSS1 TL Na	ame			Na	ame-Caller	πL	
186		Z*	DAVE SAT	TTLER		_				
Code-Series TL V42	MY Full T 2007	L	Code-Mode	el Line. TL	VIN-TL 5N1BV28	U27N	B10	d Options SPLASH G		
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA	Model VC	Code-Body 7	Type TL	VEHICL	C03 50 STATE EMISSION VEHICLE		
0000000	108880		10217		VAN			L92 FLOOR MATS S01 SEAT PACKAGE Z99 PRE DELIVERY INSPECTION		
Code-Engine Prefix V VQ35	/C Number-E 674350	Engine Serial V	C Code-Trans	s Type VC	Code-Vehicle	e Color VC				
Name-Plant VC Canton (NMM)	Date-Man 12/13/20	ufacture VC	Date-In Sei 1/8/2007	rvice TL	Code-Distrib	utor TL				
Dir Reti Last VC	1 de revers	Name	110/2007		City	Sta	fn			
3690 24	pon	WALSER N	ISSAN		BURNSVILL	1.00	ie .			
3438 24 Code-Component TL INSTRUMENTS &		0	Code-Symp T	The second	Code-Ope	r Mode TL De		per Temp T	1 Desc	
INSTRUMENTS &		10	CALICEGAM	ADMING	IT NOT IDE	NTIEIED	NOTI	ENTIFIER		
Code-Amb Humidity		Constanting of	emp TL Desc		IT NOT IDE		cd TL Desc	Date-Incd	р П.	
NOT IDENTIFIED		Code-Amb Te NOT IDENT Flag-FSSS Ti	emp TL Desc TIFIED	Code-Prob Flag-NNA I	Second Second	Category-In NOT IDEN Date-NNA I	cd TL Desc ITIFIED nspection Flag	Date-Incd	<u>)</u> ת	
NOT IDENTIFIED Code-TREAD TL 11	TL Desc	Code-Amb Te NOT IDENT Flag-FSSS Ti N	emp TL Desc TIFIED	Code-Prob Flag-NNA I N	Freq TL Desc	Category-In	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 9 Number-F	D TL Project TL	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail	TL Desc	Code-Amb Te NOT IDENT Flag-FSSS Ti N	emp TL Desc TIFIED L DT IDENTIF	Code-Prob Flag-NNA I N	Freq TL Desc	Category-In NOT IDEN Date-NNA I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F	D TL Project TL ment TL: N	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail	TL Desc	Code-Amb Te NOT IDENT Flag-FSSS To N Date-Parts Re	emp TL Desc TIFIED L DT IDENTIF	Code-Prob Flag-NNA II N IED	Freq TL Desc	Category-In NOT IDEN Date-NNA I 6/17/2013 Date-Parts I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F Flag-Attachi Date-Part	<u>)</u> ת	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N	TL Desc	Code-Amb Te NOT IDENT Flag-FSSS To N Date-Parts Re	emp TL Desc TIFIED L DT IDENTIF equest TL	Code-Prob Flag-NNA I N IED Name-Parts	Freq TL Desc nspection TL s For TL	Category-In NOT IDEN Date-NNA I 6/17/2013 Date-Parts I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F Flag-Attachi Date-Part	D TL Project TL ment TL: N	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc	TL Desc III TL Desc:	Code-Amb Te NOT IDENT Flag-FSSS Tr N Date-Parts Re 1/1/01	emp TL Desc TIFIED L DT IDENTIF equest TL	Code-Prob Flag-NNA I N IED Name-Parts	Freq TL Desc nspection TL s For TL	Category-In NOT IDEN Date-NNA I 6/17/2013 Date-Parts I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F Flag-Attachi Date-Part	D TL Project TL ment TL: N	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Deso Text-Dealer Followup	TL Desc III TL Desc:	Code-Amb Te NOT IDENT Flag-FSSS Tr N Date-Parts Re 1/1/01	emp TL Desc TIFIED L DT IDENTIF equest TL	Code-Prob Flag-NNA I N IED Name-Parts	Freq TL Desc nspection TL s For TL	Category-In NOT IDEN Date-NNA I 6/17/2013 Date-Parts I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F Flag-Attachi Date-Part	D TL Project TL ment TL: N	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M CUSTOMER CO	TL Desc III TL Desc: :: :: :: :: :: :: :: :: :: :: :: :: :	Code-Amb Te NOT IDENT Flag-FSSS Tr N Date-Parts Re 1/1/01 A- PENDIN	G DEALER	Code-Prob Flag-NNA I N IED Name-Parts	Freq TL Desc nspection TL s For TL	Category-In NOT IDEN Date-NNA I 6/17/2013 Date-Parts I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F Flag-Attachi Date-Part	D TL Project TL ment TL: N	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CC -VEHICLE TOWEI	TL Desc ul TL Desc: c Comment T DMMENT: D IN WILL	Code-Amb Te NOT IDENT Flag-FSSS TI N Date-Parts Re 1/1/01 A- PENDIN	G DEALER	Code-Prob Flag-NNA I N IED Name-Parts	Freq TL Desc nspection TL s For TL	Category-In NOT IDEN Date-NNA I 6/17/2013 Date-Parts I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F Flag-Attachi Date-Part	D TL Project TL ment TL: N	
NOT IDENTIFIED Code-TREAD TL 11 Code-Reason For Ca Flag-Parts Avail N Text-Solution TL: Code-Status TL Desc Text-Dealer Followup M ** CUSTOMER CO	TL Desc III TL Desc: Comment 1 Comment 1 DMMENT: DIN WILL DN/OBSER	Code-Amb Te NOT IDENT Flag-FSSS TI N Date-Parts Re 1/1/01 A- PENDIN TL ⁻	emp TL Desc TIFIED	Code-Prob Flag-NNA I N IED Name-Parts	Freq TL Desc nspection TL s For TL	Category-In NOT IDEN Date-NNA I 6/17/2013 Date-Parts I	cd TL Desc ITIFIED nspection Flag	Date-Incd 1/1/0001 Number-F Flag-Attachi Date-Part	D TL Project TL ment TL: N	



-ENGINE CRANKS NO START.

-FUEL PUMP REPLACED 06-14-13 FOR NO START.

-WHEN PUMP WAS REMOVE NO FUERL IN TANK FUEL GAUGE SHOWS 1/2 TANK

-FUEL GAUGE SHOWING 1/4 AND NO FUEL PRESSURE.

-ADDED A GL OF FUEL AND ENGINE START.

Created by Ray Rice at 2014-02-02 17:00:00

Created by Ray Rice at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-VEHICLE TOWED IN WILL NOT START.,.** DEALER ACTION/OBSERVATION:** VERIFIEL

-INSPECT METER IN SELF DIAG.

-INSPECT HARNESS BETWEEN METER AND FUEL PUMP.

NO START BY CRANKING.-ENGINE CRANKS NO START.-FUEL PUMP REPLACED 06-14-13 FOR NO START.-WHEN

NK-FUEL GAUGE SHOWING 1/4 AND NO FUEL PRESSURE.-ADDED A GL OF FUEL AND ENGINE START.** TSS RE

HARNESS BETWEEN METER AND FUEL PUMP.*** UPDATE 107 06/17/13- STEP 3 OF DIAG HAS ONLY 3VDC- DISC

- STEP 3 OF DIAG HAS ONLY 3VDC

CONTINUITYTO GROUND ON G/Y WIRE PIN 6 M24- FOUND NO CONTINUITY TO GROUND- RECOMMEND REPLACE

- DISCONNECT M24 AND FUEL LEVEL SENDER CONN B252, CHECK FOR CONTINUITY

TO GROUND ON G/Y WIRE PIN 6 M24

- FOUND NO CONTINUITY TO GROUND

- RECOMMEND REPLACE COMB METER UNIT





ID-Report TL									
ID-Report TL Cod	le-Record Type TL D	esc Numbe	r-Revision TL	Date-C	open TL	Date-Revision	TL Date-Close TL		
	FULL		3	7/17/2	2013	7/29/13	7/29/13		
Text-Incd Desc TL									
SES,P0462,FUEL	GAUGE ERRATIC								
Code-TSS1 TL		Code-TSS1 TL N	lame			Na	ame-Caller TL		
195		Z - BRIAN TE	RK						
Code-Series TL	MY Full TL	Code-Mod	lel Line TL	VIN-TL	100	Installed	1 Options		
V42	2007	QST		5N1BV28	U77N		SPLASH GUARDS		
Mileage-Initial TL	Mileage-Current Ti	Code-NNA	Code-NNA Model VC Code-Body Type TL				50 STATE EMISSION		
000000	108104	10417	9417 VAN			Contract of the	CARGO ORGANIZER HOMELINK CARD		
Code-Engine Prefix V	C Number-Engine Se	erial VC Code-Trar	is Type VC	Code-Vehicle		LOOR MATS			
VQ35	698796	A		A15		N92 F	ROOF RAIL CROSS		
Name-Plant VC	Date-Manufacture	VC Date-In Se	ervice TL	Code-Distrib	utor TL	BARS P01 S	SL UPGRADE		
Canton (NMM)	3/9/2007	4/21/200	7	USA		1 1 1 2 1 3 1	PACKAGE		
Dir Reti Last VC	8.940 C					W95	CARGO COVER		
Code Reg	ion Name			City	Sta		SL PREMIUM GE		
1847 24	CONT	INENTAL MOT	ORS INC	COUNTRYS	BIDE				
1847 24 Code-Component TL	Desc	Code-Symp	TL Desc		SIDE IL		per Temp TL Desc		
ECCS (SENSORS	& SWITCHES)	CHECK EN	GINE LIGH	TIDLE	1	ALL TE	EMPS		
Code-Amb Humidity 1		mb Temp TL Desc ==27/38C	Code-Prob		Category-In	cd TL Desc	Date-Incd TL 7/17/2013		
Code-TREAD TL	Flag-FS	SSS TL	Flag-NNA II	nspection TL	Date-NNA I	nspection Flag	Number-Project TL		
06	N		N		7/17/2013		7K		
Code-Reason For Ca	II TL Desc.	NOT IDENTI	FIED			F	Flag-Attachment TL:		
Flag-Parts Avail N	Date-Pa	arts Request TL 3	Name-Parts	s For TL	Date-Parts H	Recvd TL	Date-Parts Shipped 1		
Text-Solution TL:	PENDI	NG DEALER FO	DLLOW UP	¥.,					
Code-Status TL Desc		SED (RESOLV							
Text-Dealer Followup	Committe								
** CUSTOMER CO	MMENT-								
-SES LIGHT									
- ** DEALER ACTIC ** VERIFIED Y RE -SES LIGHT ON, F	PAIR ATTEMPTS	4_DAYS DOW		E DRIVE	L				





- 0 0

-ENGINE
P0462 FUEL LEVEL SEN/CIR LOW (7K) CURRENT
-REPLACED FUEL PUMP/FUEL SENDING UNITNO CHANGE
-REPLACED FUEL PUMP SUB HARNESSNO CHANGE
-REPLACED FUEL PUMP/FUEL SENDING UNITNO CHANGE
-
** TSS RECOMMENDATION/RESULT:
-AS PER DI-23/24 MEASURE SENDING UNIT RESISTANCE AT METER PIN#4 AND #6
-IF MEASUREMENT AT METER IS CORRECT, REPLACE METER
-IF MEASUREMENT AT METER IS NOT CORRECT, CHECK CIRCUIT
-HEADS UP SENT DUE TO NUMBER OF REPAIR ATTEMPTS
-
** UPDATE 7/22/13 TSS RP 138
- TECH UNAVAILABLE
** UPDATE 7/29/13 TSS RP 138
- TECH UNAVAILABLE
- CLOSED REPORT PENDING DEALER FOLLOW UP





ID-Report TL										
ID-Report TL Cod	de-Record Typ		Number	-Revision TL 0	100	-Open TL /2013	Date-	Revision	TL	Date-Close TL
Text-Incd Desc TL										
RAN OUT OF GAS	S AT 1/4 TAN	NK								
Code-TSS1 TL		Code	-TSS1 TL Na	ame				Nan	ne-Ca	aller TL
166		Z - 4	LEX KN	EPPER						
Code-Series TL	MY Full TL	1	Code-Mode	el Line TL	VIN-TL	1.11		Installed	Optio	ns
V42	2007		QST		5N1BV2	8U87N				HGUARDS
Mileage-Initial TL	Mileage-Cui	rrent TL	Code-NNA	Model VC	Code-Body	Type TL	10	C03 50 VEHICLE		TE EMISSION
0000000	156752		10617		VAN	1000		GO2 T		IOLOGY RIUS)
Code-Engine Prefix V	C Number-Eng	gine Serial VC	Code-Trans Type VC		Code-Vehicle Color VC		0	K69 HOMELINK CARD L92 FLOOR MATS S01 SEAT PACKAGE U01 NAVIGATION & PA PACKAGE		
	1.			A15						
Name-Plant VC	Date-Manuf	acture VC	Date-In Sei		Code-Distr	idutor TL	26	U35 N	AVIG	ATION
Canton (NMM) Dir Reti Last VC	11/2/2006	h and	12/3/2006		USA			V02 D		UAL SCREEN
Code Reg	lion	Name			City		State			
090A 44		POWER NIS	SSAN OF	SOUTH BA	Contraction of the second	1000	oldic			
Code Reg 3037 44 Code-Component TL		Name FIRST NISS	SAN ode-Symp T	Dasc	City SIMI VALI		State CA	Code On	or To	mp TL Desc
INSTRUMENTS &					IT NOT ID			NOT ID		
Code-Amb Humidity	TL Desc C	Code-Amb Te	mp TL Desc		Freq TL Des	c Category	y-Incd TL	Desc		-Incd TL
Code-TREAD TL		Flag-FSSS TL		Flag_NNA I	nspection TL			Card and		ber-Project TL
11		N N		N		7/30/20		don't lug		
Code-Reason For Ca					-	1100/20		FI	an At	tachment TL 1
Flag-Parts Avail	L	Date-Parts Re		Name-Parts	s For TL	Date-Pai 1/1/01	rts Recva	ITL		Parts Shipped T
Text-Solution TL:		C103.5				4.1.2.2.1				
Code-Status TL Desc		A- PENDING	G DEALER	FOLLOW	-UP					
Text-Dealer Followup	Constant A.M.									
М							-		-	
** CUSTOMER CO -RAN OUT OF GA		DUGH GAU	GE READI	NG 1/4 TA	NK					
- ** DEALER ACTIC ** VERIFIED Y RE -RAN OUT OF GA	PAIR ATTEN	MPTS _1 DA								





-FUEL PUMP WAS REPLACED YEAR AGO FOR UNRELATED CONCERN

-NO CODES STORED

** TSS RECOMMENDATION/RESULT:

-REMOVE PUMP FROM TANK, AND MOVE FLOAT ARM FROM EMPTY TO FULL, CHECK

GAUGE AND CHECK IF IT MOVES ACCORDLINGLY

-INSPECT OHM READING AT FUEL LEVEL SENDING UNIT

-IF OK, INSPECT CONTINUITY FROM PUMP TO GAUGE

-IF OK, REPLACE METER ASSEMBLY





ID-Report TL		_							
ID-Report TL Co FI1307608	de-Record Type TL Desc MINI	Number	-Revision TL 1	Date-0 8/19/2	open TL 1013	Date-Revision 8/28/13	TL Date-Close TL		
Text-Incd Desc TL									
ALLEGED RUNS	OUT OF FUEL AT 1/4	TAN							
Code-TSS1 TL	C	ode-TSS1 TL Na	ame			Na	ame-Caller TL		
157	z	- JOHN SE	ABORN						
Code-Series TL V42	MY Full TL 2007	Code-Mode	a series a	VIN-TL 5N1BV28	U27N	B10 S	d Options SPLASH GUARDS		
Mileage-Initial TL 0000000	Mileage-Current TL 085329	Code-NNA		Code-Body 7	Type TL	VEHICL K69 H			
Code-Engine Prefix V	/C Number-Engine Seria	VC Code-Tran	1000	Code-Vehicle K12	e Color VC				
Name-Plant VC Canton (NMM)	Date-Manufacture VC		rvice TL	Code-Distributor TL					
Dir Reti Last VC Code Reg 3525 32	jion Name	AN 104TH	c		Sta	ate			
3331 44 Code-Component TL	Desc	Code-Symp T	L Desc	Code-Ope	r Mode TL D	esc Code-O	per Temp TL Desc		
INSTRUMENTS & Code-Amb Humidity NOT IDENTIFIED		Temp TL Desc	Code-Prob F			ncd TL Desc	Date-Incd TL		
Code-TREAD TL	ode-TREAD TL Flag-FSSS T		Flag-NNA In:	spection TL		Inspection Flag	Number-Project TL		
Code-Reason For Ca	A CONTRACTOR OF	NOT IDENTIF			1	F	Flag-Attachment TL:		
Flag-Parts Avail Date-Parts Re		Request TL	Name-Parts	For TL	Date-Parts 1/1/01	Recvd TL	Flag-Attachment TL: N Date-Parts Shipped TL 1/1/01		
Text-Solution TL:									
Code-Status TL Desc	a A- PEND	ING DEALER	FOLLOW-L	JP	_				
Text-Dealer Followup M	Comment TL-								
** CUSTOMER CO -RUNS OUT OF G -									
** DEALER ACTIC	ON/OBSERVATION:								
** VERIFIED N RE	PAIR ATTEMPTS 2_	DAYS DOWN	12						
-ALLEGED VEHIC	LE RUNS OUT OF F	UEL.							



-CANNOT DUPLICATE CONCERN.

-VEHICLE CURRENTLY HAS 3/4 TANK OF FUEL.

-REPLACED FUEL PUMP/SENDER TWICE...NO CHANGE.

-NO CODES.

-UNSURE ACCESSORIES OR MODIFICATIONS.

Created by John Seaborn at 2014-02-02 17:00:00

Created by John Seaborn at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-RUNS OUT OF GAS AT خذي TANK.-** DEALER ACTION/OBSERVATION:** VERIFIED N R -WHEN FUEL LEVEL REACHES 1/4 TANK,

FUEL.-CANNOT DUPLICATE CONCERN.-VEHICLE CURRENTLY HAS 3/4 TANK OF FUEL.-REPLACED FUEL PUMP/

ODIFICATIONS.** TSS RECOMMENDATION/RESULT:-WHEN FUEL LEVEL REACHES 1/4 TANK,-MONITOR FUEL LE -TECH TO FOLLOW UP.

TO FOLLOW UP.**UPDATE 08/28/13TSS 157 JS-DULICATED CONCERN.-FUEL GAUGE READ 1/4 TANK, DROPPED **UPDATE 08/28/13TSS 157 JS

-DULICATED CONCERN.

TO GROUND @DI-26 ON BLACK WIRE BETWEEN PINS #1 OF B251/B148 AND PIN #9 B104/M114.-FUEL GAUGE ST

-FUEL GAUGE READ 1/4 TANK, DROPPED FUEL TANK, TANK WAS EMPTY.

GNITION WAS OFF DURING REFUELING EVENT.-CURRENTLY FUEL GAUGE IS AT 1/4 TANK,-FUEL LEVEL DATA

INATION METER SELF TEST;-FUEL GAUGE RESPONDED NORMALLY.-TSS,IGNITION MUST BE OFF DURING REFL

-ISOLATED BODY HARNESS SHORT TO GROUND @

DI-26 ON BLACK WIRE BETWEEN PINS #1 OF B251/B148 AND PIN #9 B104/M114.

-FUEL GAUGE STAYED ON EMPTY AFTER ADDING FUEL TO VEHICLE.

-UNSURE IF IGNITION WAS OFF DURING REFUELING EVENT.

-CURRENTLY FUEL GAUGE IS AT 1/4 TANK,

-FUEL LEVEL DATA MONTIOR READS 23.2 LITERS.

-REQUESTED TECH TO PERFORM COMBINATION METER SELF TEST;

-FUEL GAUGE RESPONDED NORMALLY.

-TSS,IGNITION MUST BE OFF DURING REFUELING EVENT.





Text-Incd Desc TL FUEL GAUGE WONT GO I Gode-TSS1 TL 165 Code-Series TL MY Full V42 2007 Mileage-Initial TL Mileage 0000000 124929 Code-Engine Prefix VC Number VQ35 628330 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retl Last VC Code Code Region 883B 32 Serv Dir TL Code Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL It	Cod Z - 1 TL e-Current TL 8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	Ie-TSS1 TL Na JOHN IRIC Code-Mode QST Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007	DN el Line TL Model VC s Type VC rvice TL	9/16/2 VIN-TL 5N1BV28 Code-Body T VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	2013 9/1 U17N Type TL e Color VC utor TL State O	Installed B10 S C03 5 VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	me-Caller TL I Options SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING	
FUEL GAUGE WONT GO I Code-TSS1 TL 165 Code-Series TL MY Full V42 2007 Mileage-Initial TL Mileage 0000000 124920 Code-Engine Prefix VC Number VQ35 628330 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retl Last VC Code Code Region 883B 32 Serv Dir TL. Code Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc INSTRUMENTIED Code-TREAD TL Int	UNDER 1/8 Cod Z - TL Cod Cod Cod Cod Cod Cod Cod Cod Cod Cod	JOHN IRIC Code-Mode QST Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007	ame DN el Line TL Model VC s Type VC rvice TL	VIN-TL 5N1BV28 Code-Body T VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	U17N Type TL e Color VC utor TL State O	National Installed B10 S C03 5 VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	I Options SPLASH GUARDS S0 STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS MICROFILTER ROOF RAIL CROSS	
FUEL GAUGE WONT GO I Code-TSS1 TL MY Full V42 2007 Mileage-Initial TL Mileage 0000000 124920 Code-Engine Prefix VC Number VQ35 628330 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retl Last VC Date-M Code Region 883B 32 Serv Dir TL Code Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL	Cod Z - 1 TL e-Current TL 8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	JOHN IRIC Code-Mode QST Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007	DN el Line TL Model VC s Type VC rvice TL	5N1BV28 Code-Body 7 VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	Type TL e Color VC utor TL State O State	Installed B10 S C03 5 VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	I Options SPLASH GUARDS S0 STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS MICROFILTER ROOF RAIL CROSS	
Code-TSS1 TL 165 Code-Series TL MY Full V42 2007 Mileage-Initial TL Mileage 0000000 124923 Code-Engine Prefix VC Number VQ35 628330 Vame-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retl Last VC Code Region 383B 32 Serv Dir TL Code Region 5359 32 Code-Component TL Desc NSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL	Cod Z - 1 TL e-Current TL 8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	JOHN IRIC Code-Mode QST Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007	DN el Line TL Model VC s Type VC rvice TL	5N1BV28 Code-Body 7 VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	Type TL e Color VC utor TL State O State	Installed B10 S C03 5 VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	I Options SPLASH GUARDS S0 STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS MICROFILTER ROOF RAIL CROSS	
165 Code-Series TL MY Full V42 2007 Wileage-Initial TL Mileage 0000000 124929 Code-Engine Prefix VC Number VQ35 628330 Vame-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retl Last VC Date-M Code Region 33B 32 Serv Dir TL Code Code Region 3359 32 Code-Component TL Desc NSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 1	Z - TL Current TL 8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	JOHN IRIC Code-Mode QST Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007	DN el Line TL Model VC s Type VC rvice TL	5N1BV28 Code-Body 7 VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	Type TL e Color VC utor TL State O State	Installed B10 S C03 5 VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	I Options SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS WICROFILTER ROOF RAIL CROSS SEAT PACKAGE	
Code-Series TL MY Full V42 2007 Wileage-Initial TL Mileage 0000000 124923 Code-Engine Prefix VC Number VQ35 628334 Vame-Plant VC Date-M Canton (NMM) 9/11/24 Dir Retl Last VC Date-M Code Region 383B 32 Serv Dir TL Code Code -Component TL Desc NSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	- Current TL Current TL 8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	Code-Mode QST Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007	el Line TL Model VC s Type VC rvice TL	5N1BV28 Code-Body 7 VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	Type TL e Color VC utor TL State O State	B10 S C03 5 VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS WICROFILTER ROOF RAIL CROSS SEAT PACKAGE	
V42 2007 Mileage-Initial TL Mileage 0000000 124920 Code-Engine Prefix VC Number VQ35 628330 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retil Last VC Date-M Code Region 83B 32 Serv Dir TL Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	e-Current TL 8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	QST Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007 MOTORS	Model VC s Type VC rvice TL	5N1BV28 Code-Body 7 VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	Type TL e Color VC utor TL State O State	B10 S C03 5 VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	SPLASH GUARDS 50 STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS WICROFILTER ROOF RAIL CROSS SEAT PACKAGE	
Mileage-Initial TL Mileage 00000000 124929 Code-Engine Prefix VC Number VQ35 628334 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Reti Last VC Code Region 883B 32 Serv Dir TL Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	Code-NNA 10317 /C Code-Trans A Date-In Ser 11/2/2007	s Type VC rvice TL	Code-Body 7 VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	Type TL e Color VC utor TL State O State	C03 5 VEHICLI F95 C 93 E MIRROF L92 F M10 M N92 R BARS S01 S	O STATE EMISSION E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS MICROFILTER ROOF RAIL CROSS SEAT PACKAGE	
0000000 124929 Code-Engine Prefix VC Number VQ35 628339 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retl Last VC Date-M Code Region 883B 32 Serv Dir TL Code Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	8 r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	10317 /C Code-Trans A Date-In Ser 11/2/2007	s Type VC rvice TL	VAN Code-Vehicle K12 Code-Distribu USA City EL DORADO	e Color VC utor TL State O	VEHICLI F95 C G93 E MIRROF L92 F M10 M N92 R BARS S01 S	E CARGO ORGANIZER E.C. AUTO DIMMING R CLOOR MATS MICROFILTER ROOF RAIL CROSS SEAT PACKAGE	
Code-Engine Prefix VC Number VQ35 628331 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Reti Last VC 0 Code Region 883B 32 Serv Dir TL Code Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	r-Engine Serial V 0 anufacture VC 006 Name MURPHY I Name TROTTER	C Code-Trans A Date-In Ser 11/2/2007 MOTORS	rvice TL	Code-Vehicle K12 Code-Distribu USA City EL DORADO	utor TL State O State	G93 E MIRROF L92 F M10 M N92 R BARS S01 S	E.C. AUTO DIMMING R FLOOR MATS MICROFILTER ROOF RAIL CROSS SEAT PACKAGE	
VQ35 628334 Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Retil Last VC 9/11/20 Code Region 83B 32 Serv Dir TL Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL	anufacture VC 006 Name MURPHY I Name TROTTER	A Date-In Ser 11/2/2007 MOTORS	rvice TL	K12 Code-Distribut USA City EL DORADO	utor TL State O State	L92 F M10 M N92 R BARS S01 S	CLOOR MATS MICROFILTER ROOF RAIL CROSS SEAT PACKAGE	
Name-Plant VC Date-M Canton (NMM) 9/11/20 Dir Reti Last VC Code Region 883B 32 Serv Dir TL Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL	anufacture VC 006 Name MURPHY I Name TROTTER	Date-In Ser 11/2/2007 MOTORS		Code-Distribu USA City EL DORADO	State O State	N92 R BARS S01 S	ROOF RAIL CROSS	
Canton (NMM) 9/11/24 Dir Reti Last VC Code Region 883B 32 Serv Dir TL. Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL	Name MURPHY I Name TROTTER	11/2/2007 MOTORS		City EL DORADO	State O State	BARS S01 S	SEAT PACKAGE	
Dir Reti Last VC Code Region 883B 32 Serv Dir TL Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	Name MURPHY I Name TROTTER	MOTORS		City EL DORADO City EL DORADO	O State			
Code Region 883B 32 Serv Dir TL Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	MURPHY I Name TROTTER	NISSAN	L Desc	City EL DORAD	O State			
883B 32 Serv Dir TL. Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	MURPHY I Name TROTTER	NISSAN	L Desc	City EL DORAD	O State			
Serv Dir TL Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	Name TROTTER	NISSAN	'L Desc	City EL DORAD	State			
Code Region 5359 32 Code-Component TL Desc INSTRUMENTS & GAUGE Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	TROTTER		L Desc	EL DORAD				
Code-Amb Humidity TL Desc NOT IDENTIFIED Code-TREAD TL 11	5			-	r Mode TL Desc		per Temp TL Desc	
NOT IDENTIFIED Code-TREAD TL 11	1		1	IT NOT IDE	NTIFIED	NOTID	ENTIFIED	
11	Code-Amb T		Code-Prob	Freq TL Desc	Category-Incd		Date-Incd TL 1/1/0001	
	Flag-FSSS 7	rL	Flag-NNA I	Inspection TL	Date-NNA Insp	ection Flag	Number-Project TL	
	N		N		9/16/2013			
Code-Reason For Call TL Desc	N	OT IDENTIF	IED			F	lag-Attachment TL: N	
ag-Parts Avail Date-Parts Re		Request TL	Name-Part	me-Parts For TL Date-Parts Rec			Date-Parts Shipped TI	
N	1/1/01			1/1/01		1	1/1/01	
Text-Solution TL:	100							
Code-Status TL Desc:	A-PENDIN	IG DEALER	FOLLOW	-UP				
Text-Dealer Followup Commen	tTL:							
M								
* CUSTOMER COMMENT	:							
FUEL GAUGE INOP								
** DEALER ACTION/OBSE	RVATION:							
** VERIFIED Y REPAIR AT	TEMPTS 2 D		12					
-FOUND FUEL GAUGE W	ILMITIGZ U	ATS DOWN						



-REPLACED RUEL SENDER.....NO CHANGE

-LOWEST READING IN DATA MONITOR IS 19L

-IF FUEL TEMP SENSOR IS DISCONNECTED GAUGE READS CLOSER TO CORRECT BUT

STILL NOT CORRECT

-WITH FUEL LEVEL SENSOR UNPLUGGED SHOWS 18.4L, 3.4V IN DATA

-SHOWS 0V AND 18.4L WITH WIRES SHORTED TOGETHER

Created by John Irion at 2014-02-02 17:00:00

Created by John Irion at 2014-02-02 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:-FUEL GAUGE INOP-** DEALER ACTION/OBSERVATION:** VERIFIED Y REPAIR ATTEMP

-TSS: CHECK VOLTAGE ACROSS 5 AND 2 AT FUIEL LEVEL SENSOR AND 4/6 AT

ACED RUEL SENDER......NO CHANGE-LOWEST READING IN DATA MONITOR IS 19L-IF FUEL TEMP SENSOR

METER WITH LEVEL SENSOR UNPLUGGED

-IF 3.4V AT BOTH ENDS CHECK POWER, GROUND CONNECTIONS AT METER AND

STILL NOT CORRECT-WITH FUEL LEVEL SENSOR UNPLUGGED SHOWS 18.4L, 3.4V IN DATA-SHOWS 0V AND 18.4

LT:-TSS: CHECK VOLTAGE ACROSS 5 AND 2 AT FUIEL LEVEL SENSOR AND 4/6 ATMETER WITH LEVEL SENSOR REPLACE METER IF O.K.

CTIONS AT METER ANDREPLACE METER IF O.K.





ID-Report TL				_					0		
ID-Report TL Cod	de-Record T	ype TL Desc	Number	-Revision TL	Date-C	Open TL	Date-Revision	n TL	Date-Close TL		
	N			0	1/2/20	014	1/2/14				
Text-Incd Desc TL					1.000						
P0462 FUEL LEVE	EL SEN/CI	RLOW							-		
Code-TSS1 TL		Code	e-TSS1 TL Na	ame			N	ame-C	Caller TL		
138		z -	RYAN PIC	KELL							
Code-Series TL	MY Full T	2	Code-Mode	el Line TL	VIN-TL		Installe	d Opti	ons		
V42	2007		QST		5N1BV28	UX7N	B10		SH GUARDS		
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA Model VC		Code-Body	VEHIC	C03 50 STATE EMISSION				
000000	095405	_	10317	10317		VAN			L92 FLOOR MATS M10 MICROFILTER		
Code-Engine Prefix V	C Number-E	Engine Serial V	C Code-Tran	s Type VC	Code-Vehicle	e Color VC	S01	The state	PACKAGE		
VQ35	ame-Plant VC Date-Manufacture VC		A Date-In Service TL		Q11		4435	W95 CARGO COVER			
Name-Plant VC					Code-Distrib	utor TL					
Canton (NMM)			3/15/2007	3/15/2007 USA							
Dir Reti Last VC					3.						
Code Reg	lion	Name			City	St	tate				
5018 32	-	SOUTH CO	LO SPGS	NISSAN	COLORADO	O SPRIN					
Code-Component TL INSTRUMENTS & Code-Amb Humidity	GAUGES			ARNING L	Code-Ope		Desc Code-C NOT II	DENT	emp TL Desc TFIED e-Incd TL		
	IL DESC	NOT IDENT		0000100	TTEY IL DESC		NTIFIED		/0001		
Code-TREAD TL		Flag-FSSS T	L	Flag-NNA I	nspection TL	Date-NNA	Inspection Fla	g Nun	nber-Project TL		
11	Ň			N		1/2/2014		7K			
Code-Reason For Ca	II TL Desc:	RE	ASONABL	E CALL F	OR ASSISTA	ANCE		Flag-A	Attachment TL N		
Flag-Parts Avail Date-Parts Re		equest TL			Date-Parts Recvd TL 1/1/01		Date-Parts Shipped TL 1/1/01				
Text-Solution TL:											
Code-Status TL Desc	5	A-PENDIN	G DEALER	FOLLOW	UP	_					
Text-Dealer Followup M	Comment 1	T.:									
- MIL ON - FUEL GAUGE FI		ES SOMETIN	IES SHOW	S FULL OF	REMPTY						
** DEALER ACTIC			AYS DOWN	11							



9

- MIL ON
- FUEL GAUGE FLUCTUATES
- FUEL PUMP ASSEMBLY REPLACED IN PAST
- NO AFTERMARKET EQUIPMENT
- METER IS CURRENTLY OPERATING AS DESIGNED
FF DATA: CAL/LD VALUE 24 % COOLANT TEMP 120 F
* L-FUEL TRM B1 102 % L-FUEL TRM B2 102 %
* S-FUEL TRM-B1 95 % S-FUEL TRM-B2 93 %
* ENGINE SPEED 1313 RPM VEHICL SPEED 12 MPH
* INT MANI PRES PSI ABSOL TH-P/S 1.75 % >>>>
* B/FUEL SCHDL 3.9 MSEC INT/A TEMP SE 23 F
Created by Ryan Pickell at 2014-02-02 17:00:00
Created by Ryan Pickell at 2014-02-02 18:00:00
** TSS RECOMMENDATION/RESULT:
** CUSTOMER COMMENT:- MIL ON- FUEL GAUGE FLUCTUATES SOMETIMES SHOWS FULL OR EMPTY-** DEALEF
- VERIFY HARNESS INTEGRITY
OWN 1- MIL ON- FUEL GAUGE FLUCTUATES- FUEL PUMP ASSEMBLY REPLACED IN PAST- NO AFTERMARKET E
- REPLACE METER IF IN SPEC
A: CAL/LD VALUE 24 % COOLANT TEMP 120 F* L-FUEL TRM B1 102 % L-FUEL TRM B2 102 %* S-
-B2 93 %* ENGINE SPEED 1313 RPM VEHICL SPEED 12 MPH* INT MANI PRES PSI ABSOL TH-P/

3.9 MSEC INT/A TEMP SE 23 F** TSS RECOMMENDATION/RESULT:- VERIFY HARNESS INTEGRITY- REPLA





ID-Report TL				_							
ID-Report TL Cod	de-Record Tj	ype TL Desc	Number	-Revision TL	Date-C	Open TL	Date-Revisi	on TL	Date-Close TL		
	N	AINI		0	2/19/2	2014	3/10/14		3/10/14		
Text-Incd Desc TL											
ALLEGED INACC	URATE FU	IEL GUAGE									
Code-TSS1 TL		Code	-TSS1 TL Na	ame				Name	e-Caller TL		
107		Z - F	RAYMON	RICE							
Code-Series TL	MY Full T	L	Code-Mode	el Line TL	VIN-TL		Instal	led O	ptions		
V42	2007	-	QST		5N1BV28	UX7N	B10		ASH GUARDS		
Mileage-Initial TL	Mileage-C	Current TL	Code-NNA	Model VC	Code-Body T	Type TL	C03 VEHI		STATE EMISSION		
0	60844		10217				L92 M10		OOR MATS		
Code-Engine Prefix V	C Number-E	Engine Serial VC	Code-Tran	s Type VC	Code-Vehicle	e Color VC	S01	SE	AT PACKAGE		
VQ35	641943		A		K12						
Name-Plant VC	Date-Man	ufacture VC	Date-In Sei	rvice TL	Code-Distrib	utor TL					
Canton (NMM)	10/10/20	06	2/17/2007		USA						
Dir Reti Last VC	A. C.A.										
Code Reg	iion	Name			City	S	tate				
3606 34		AUTONATI	ON NISSA	N KENDAL	PALMETTO	BAY					
Serv Dir TL Code Reg	tion	Name			City	S	tate				
3606 34	_	AUTONATI	ON NISSA	N KENDAL	PALMETTO	BAY F	L				
Code-Component TL	Desc	c	ode-Symp T	L Desc	Code-Ope	er Mode TL I	Desc Code	-Oper	Temp TL Desc		
INSTRUMENTS &	GAUGES	G	AUGES/W	ARNING L	IT NOT IDE	NTIFIED	NOT	IDE	NTIFIED		
Code-Amb Humidity	TL Desc	Code-Amb Te	mp TL Desc	Code-Prob	Freq TL Desc	Category-	Incd TL Desc	D	ate-Incd TL		
NOT IDENTIFIED	_	NOT IDENT	IFIED			NOT IDE	NTIFIED	1	/1/0001		
Code-TREAD TL		Flag-FSSS TL		Flag-NNA II	nspection TL	Date-NNA	Inspection F	lag N	lumber-Project TL		
11		N		N		2/19/201	4				
Code-Reason For Ca	II TL Desc.	NO	TIDENTIF	IED				Flag	g-Attachment TL: N		
Flag-Parts Avail		Date-Parts Re	quest TL	Name-Parts	For TL	Date-Parts	s Recvd TL	D	ate-Parts Shipped TL		
N	_	1/1/01			1/1/01						
Text-Solution TL:		CLOSED DU	IRING SFD	C MIGRAT	ION						
Code-Status TL Desc	5	F- CLOSED	(RESOLVE	ED)	_			_			
Text-Dealer Followup	Comment T	L:									
м											
** CUSTOMER CO	MMENT:										
- FUEL GUAGE SI	HOWS 1/4	TANK WHEN	BY CALC		T SHOULD	READ 1/8	TANK				
** DEALER ACTIC	N/OBSER	VATION:		-							
** VERIFIED N RE	PAIR ATT	EMPTS 1_DA	AYS DOWN	11							
- HAVE NOT DUP		242.02.02.02.00									
- NO CODES											
and a stronger											





CUST STATES TANK BY CALCULATION SHOULD HAVE 3 GALLONS REMAINING AFTER

DRIVING 239 MILES FROM FILL UP

- BASED ON 20 GALLON TANK THE FUEL GUAGE SHOULD READ 1/8 TANK

Created by Ray Rice at 2014-03-07 17:00:00

Created by Ray Rice at 2014-03-07 18:00:00

** TSS RECOMMENDATION/RESULT:

** CUSTOMER COMMENT:- FUEL GUAGE SHOWS 1/4 TANK WHEN BY CALCULATION IT SHOULD READ 1/8 TANK

- MONITOR FUEL METER IN METER DATA MONITOR WHEN GUAGE READS 1/4 TANK

1_ DAYS DOWN 1- HAVE NOT DUPLICATED INCIDENT- NO CODES- CUST STATES TANK BY CALCULATION SHOU

- COMPARE TO CHART ON ESM DI-21

- IF OK, VEHICLE IS OPERATING TO MANUFACTURERS SPEC

LL UP- BASED ON 20 GALLON TANK THE FUEL GUAGE SHOULD READ 1/8 TANK** TSS RECOMMENDATION/RES

EADS 1/4 TANK- COMPARE TO CHART ON ESM DI-21- IF OK, VEHICLE IS OPERATING TO MANUFACTURERS SPE

Created by Bruce Tankersley at 2014-03-10 07:49:01

Created by Bruce Tankersley at 2014-03-10 08:49:01

*** [Added after the case is closed.] ***

Previous tech BRIAN NODA, current tech Renzo Andreu.

Fuel level 1/4 on gauge.

Removed fuel pump assembly, float at bottom of travel, fuel gauge read 1/4, data monitor displayed 26I.

TSS/Refer to DI-12, DI-23, EC-312.

Measure resistance across pins 2 and 5 of Fuel Level Sensor compare to resistance across pins 4 and 6 of Combin

PE13-029 NISSAN 7-11-2014 ATTACHMENT C 2007 Nissan Warranty Booklet



2007 WARRANTY INFORMATION BOOKLET

- 1 SUMMARY OF WARRANTY COVERAGE AT A GLANCE
- 2 NISSAN'S CUSTOMER CARE PROGRAM
- 3 NISSAN'S COMMITMENT TO CUSTOMER SATISFACTION
- 4 2007 NEW VEHICLE LIMITED WARRANTY
- 7 FEDERAL VEHICLE EMISSION CONTROL LIMITED WARRANTIES
- 10 CALIFORNIA VEHICLE EMISSION CONTROL WARRANTIES

- 14 SEAT BELT LIMITED WARRANTY
- 15 BFGOODRICH TIRE LIMITED WARRANTY
- 17 BRIDGESTONE / FIRESTONE TIRE LIMITED WARRANTY
- 19 DUNLOP PASSENGER TIRE LIMITED WARRANTY
- 23 GENERAL TIRE LIMITED WARRANTY
- 26 GOODYEAR TIRE LIMITED WARRANTY

TABLE OF CONTENTS

- 28 MICHELIN TIRE LIMITED WARRANTY
- 30 TOYO TIRE LIMITED WARRANTY
- 32 ORIGINAL EQUIPMENT TIRE LIMITED WARRANTIES
- 33 IMPORTANT TIRE SAFETY INFORMATION
- 38 LIMITED WARRANTY ON GENUINE NISSAN REPLACEMENT PARTS, GENUINE NISMO S-TUNE PARTS, AND GENUINE NISSAN ACCESSORIES
- 40 SUMMARY OF NISSAN LIFETIME REPLACEMENT PANEL CORROSION WARRANTY

- 41 GENUINE NISSAN ORIGINAL EQUIPMENT MUFFLER, GENUINE NISSAN SHOCK ABSORBER AND STRUT LIFETIME LIMITED WARRANTY
- 43 REPLACEMENT BATTERY LIMITED WARRANTY
- 44 GENUINE NISSAN PARTS AND ACCESSORIES
- 45 CORROSION PROTECTION GUIDELINES
- 46 NISSAN'S SECURITY+PLUS® VEHICLE PROTECTION PLAN

WARRANTY COVERAGE AT A GLANCE

1

	Summary of Warranty Coverage*	
	0 miles 90,0	000 mile:
Basic Coverage	36 months / 36,000 miles	
Corrosion Coverage (Perforation)	60 months / UNLIMITED MI	LEAGE
Powertrain Coverage	60 months / 60,000 miles	
Federal Emission Performance	24 months / 24,000 miles	
Federal Emission Defect	36 months / 36,000 miles	
Federal Emission Long Term Defect	96 months / 80,000 miles	
California Emission Performance	36 months / 50,000 miles**	
California Emission Defect	36 months / 50,000 miles**	
California Emission Long Term Defect	84 months / 70,000 miles**	
Seat Belt	120 months/unlimited m	nileage

*California Emission Altima with 2.5 engine ONLY: Warranty coverage is 15 years/150,000 miles, whichever occurs first.

2

NISSAN'S CUSTOMER CARE PROGRAM

NISSAN CARES ...

Both Nissan and your Nissan dealer are dedicated to serving all your automotive needs. Your complete satisfaction with your vehicle and your Nissan dealer are our primary concerns. Your Nissan dealer is always available to assist you with all your automobile service requirements.

If, however, a situation arises that you believe has not been addressed to your satisfaction, we ask that you take the following steps:

STEP 1:

Discuss the situation with the dealership's manager. If a problem still exists, contact the dealership's Consumer Affairs Manager or owner. They are best equipped to resolve the matter for you.

STEP 2:

If the concern has still not been addressed to your satisfaction, please contact our (Nissan's) Consumer Affairs Department using our toll free number:



The Consumer Affairs Department will ask for the following information:

- Your name, address, and telephone number
 Vehicle identification number (on dashboard)
 Date of purchase
- Current odometer reading
- Your Nissan dealer's name
- Details of the concern

Or you can write to Nissan with the above information at:

Nissan North America, Inc. Consumer Affairs Department P.O. Box 685003 Franklin, TN 37068-5003

STEP 3:

In the event that you believe Nissan has been unable to satisfactorily address the issue with your vehicle, a special automotive complaint resolution program called BBBAUTO LINE is available to you. The BBBAUTO LINE program is independently operated by the Council of Better Business Bureaus, Inc. (BBB).

For information about the BBB AUTO LINE in your area, please call us (Nissan) at the same toll free number (1-800-NISSAN-1). We will be happy to provide you with information about BBB AUTO LINE. Or, you may contact the BBB directly at:

BBB Auto Line Council of Better Business Bureaus, Inc. 4200 Wilson Blvd. Arlington, VA 22203 1 (800) 955-5100

If you call the BBB, its staff will take down details of your complaint by telephone. They will ask for the same information as described in Step 2.

The BBB AUTO LINE program consists of two parts, mediation and arbitration. The BBB will attempt to assist you to resolve the problem during mediation. If a satisfactory resolution has not been achieved during mediation, you will have the opportunity to personally present your case before an impartial arbitrator or threeperson panel. The arbitrator(s) will make a decision after the arbitration hearing. The BBB will, in most cases, send you a final decision within forty (40) days (plus 7 if you have not contacted the proper person from the dealership or Nissan) unless you delay the process. If you accept the decision, it will be legally binding on you and Nissan. If you do not accept the decision, it will not be legally binding on you or Nissan. (However in some states, if the decision is not accepted, it may be introduced either by you or by Nissan, as evidence in any potentially related court action.)

BBB AUTO LINE is an informal dispute settlement mechanism operated to comply with applicable Federal law and regulations. In states where BBB AUTO LINE is available, you are required to use BBB AUTO LINE before exercising rights or seeking remedies under Title I of the Federal Magnuson-Moss Warranty Act, 15 U.S.C. §2301, et. seq. If you choose to seek remedies other than those created by Title I of the Magnuson-Moss Warranty Act. (for example, under state law), that Federal Act does not require you to first use BBB AUTO LINE. The program is still available to you. however, and may be of considerable assistance. Some states specify that informal dispute settlement mechanisms such as BBB AUTO LINE must be used before you may use state-operated complaint resolution processes, before you may file a lawsuit under state law, and/or before you may have certain other rights or remedies available under state law. In accordance with those states' laws, Nissan requires the prior use of BBB AUTO LINE in good faith before you resort to such other processes, file a lawsuit, or seek other remedies provided by state law. Please see the "2007 Nissan Warranty Information Booklet & 2007 Nissan Owner's Manual" for additional information.

BBB AUTO LINE may not be available in all states. We, Nissan, would be pleased to provide you with information about the availability of BBB AUTO LINE in your state, or call the BBB AUTO LINE number listed above.

Nissan vehicles less than three years old from date of original delivery with fewer than 36,000 miles, are eligible for the BBB AUTO LINE program.

ASSISTANCE OUTSIDE OF WARRANTY

In our continuing effort to convey our commitment to service and customer satisfaction, Nissan may occasionally offer to pay or reimburse for part or all of the cost of making certain, specific repairs beyond or outside of the terms of the warranty for some specific vehicle models. (Some states refer to such programs as "adjustment programs"). In such circumstances Nissan mails notices to all known registered owners of affected vehicles. You may additionally inquire of your authorized Nissan Dealer or of Nissan directly at the number listed below of the applicability of such programs to your vehicle. Nissan may occasionally offer special assistance that may pay for part or all of vehicle repairs beyond the expiration of the limited warranty period on a case by case basis. Should you experience unusual difficulties with your vehicle please discuss the situation with your dealer. If your dealer is unable to assist you, you may call the Nissan Consumer Affairs Department at 1-800-NISSAN-1 to discuss your concern. You will need to provide the Model, Model Year, VIN (Vehicle Identification Number), mileage, maintenance history, a detailed explanation of the concern, and why you believe that Nissan should be responsible for the repair. Your request will be individually investigated and you will be informed of Nissan's decision.

17 (1-800-NISSAN-1 (1-800-647-7261) Please also review the "Supplement to the 2007 Nissan Warranty Information Booklet & 2007 Nissan Owner's Manual" for important information concerning consumer rights in your state.

3

2007 NEW VEHICLE LIMITED WARRANTY

WHO IS THE WARRANTOR

Nissan¹ warrants all parts of your 2007 Nissan vehicle supplied by Nissan, except for those listed elsewhere under the caption "WHAT IS NOT COVERED."

APPLICABILITY

- This warranty is provided to the original and subsequent owner(s) of a Nissan vehicle originally distributed by Nissan which is originally sold by a Nissan authorized Nissan dealership in the United States, and which is registered in the U.S. and normally operated in the United States (including Alaska and Hawaii), the United States territories (specifically Guam, Saipan, American Samoa, Puerto Rico and the U.S. Virgin Islands), and Canada.
- This warranty is generally transferable from the original 'owner other than a Nissan dealer' (OWNER) to subsequent owners of the vehicle at any time ownership of the vehicle is transferred, without any action on your part; except that this warranty is not transferable but is instead void if <u>during the first six months after delivery</u> to the original OWNER: (1) ownership of the vehicle is transferred from the original OWNER, <u>and</u> (2) the vehicle is registered outside of the United States.
- Your Nissan vehicle is manufactured to meet U.S. regulations and environmental requirements. With the exception of privately owned vehicles belonging to members of the U.S. military or employees and officers of the United States Government stationed abroad, this warranty does not apply if an otherwise covered vehicle is operated in, or relocated to, a country other than those listed above under this caption, except that it continues to apply if the vehicle is operated in full compliance with its proper use as described in the applicable OWNER'S MANUAL² while touring outside of the United States, the U.S. territories or Canada for a period not exceeding sixty (60) consecutive days or sixty (60) days in any one 12 month period. Subject to the transferability restriction described above, this

warranty applies to a relocated vehicle which is returned to, and is registered and normally operated in the United States, the U.S. territories or Canada, except for conditions due to the vehicle's foreign operation, e.g., use of inappropriate fuels or other fluids.

LIMITATION OF WARRANTIES AND OTHER WAR-RANTY TERMS AND STATE LAW RIGHTS

EXTRA EXPENSES - LIMITATIONS OF DAMAGES This warranty does not cover incidental or consequential damages such as loss of the use of the vehicle, inconvenience or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FIT-NESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

Nissan makes available to you, and you are specifically required by Federal Law to use BBB AUTO LINE ((800) 955-5100) before exercising rights or seeking remedies under the Federal Magnuson-Moss Warranty Act, 15 U.S.C. §2301, et. seq. You are not required to first use BBB AUTO LINE if you seek remedies not created by Title I of that Federal law, but are required to first use BBB AUTO LINE if you seek remedies created by state law, including your state's lemon law, if applicable state law provides for using a 703 compliant or similar process before filing suit. Please refer to pp. 2-3 of this booklet and the "Supplement to 2007 Nissan Warranty Information Booklet & 2007 Nissan Owner's Manual" for additional information.

¹ Nissan indicates Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003 which distributes Nissan vehicles in the United States. ² See the Owner's Manual for information relevant to proper operation of the vehicle, including the recommended fuels and fluids.

THE WARRANTY BEGINS

The warranty period begins on the date the vehicle is delivered to the first retail buyer or put into use, whichever is earlier.

FOR HOW LONG AND WHAT IS COVERED

BASIC COVERAGE

- The basic coverage period is 36 months or 36,000 miles, whichever comes first.
- This warranty covers any repairs needed to correct defects in materials or workmanship of all parts and components of each new Nissan vehicle supplied by Nissan except for the exclusions or items listed under the caption "WHAT IS NOT COVERED" or, if the part is covered by one of the separate coverages described in the following sections of this warranty, that specific coverage applies instead of the basic coverage.
- Bedliners will be repaired to commercially acceptable standards subject to the conditions and limitations listed in "WHAT IS NOT COVERED."

POWERTRAIN COVERAGE

- The Powertrain coverage period is 60 months or 60,000 miles, whichever comes first.
- This warranty covers any repairs needed to correct defects in materials or workmanship.
- Powertrain coverage applies to components listed below, supplied by Nissan except for those items listed under the caption "WHAT IS NOT COVERED".

ENGINE

Cylinder heads and block and all internal parts, rocker covers and oil pan, valve train and front cover, timing chain and tensioner, oil pump, water pump and fuel pump, fuel injectors, intake and exhaust manifolds and supercharger, flywheel, seals, and gaskets.

TRANSMISSION AND TRANSAXLE

Case and all internal parts, torque converter and converter housing, automatic transmission control module, transfer

case and all internal parts, seals and gaskets, clutch cover and housing, and electronic transmission controls.

DRIVETRAIN

Drive shafts, final drive housing and all internal parts, propeller shafts, universal joints, bearings, seals and gaskets.

RESTRAINT SYSTEM

Air bags and related electronic control systems.

CORROSION COVERAGE (PERFORATION FROM CORROSION)

Any body sheet metal panel supplied by Nissan found to have developed perforation (rust-through) due to corrosion in normal use is covered for 60 months, regardless of mileage, except for those items listed under "WHAT IS NOT COVERED". No additional rust proofing applications are required. Perforation is a condition in which any body sheet metal panel has corroded from one surface through to another.

ORIGINAL EQUIPMENT BATTERY COVERAGE

The coverage period is 36 months or 36,000 miles, whichever comes first. A defective original equipment battery which is unserviceable within the first 12 months and 36,000 miles will be replaced free of charge. After 12 months but within 24 months and 36,000 miles, you will pay 50% of the replacement battery's suggested retail price plus any applicable taxes. After 24 months but within 36 months and 36,000 miles, you will pay 75% of the replacement battery's suggested retail price plus any applicable taxes. Nissan will pay the rest, including all labor to remove and replace the defective battery.

TOWING COVERAGE

If your vehicle is inoperative due to the failure of a warranted part, towing service to the nearest authorized Nissan dealer is covered for 36 months or 36,000 miles, whichever comes first.

ADJUSTMENT COVERAGE

Service adjustments not usually associated with the replacement of parts, such as wheel alignment, are covered only during the first 12 months or 12,000 miles, whichever comes first.

REFRIGERANT RECHARGE ONLY COVERAGE

Refrigerant recharge not associated with the repair or replacement of a warranted part is covered only during the first 12 months, regardless of the mileage.

NO CHARGE

Warranty repairs will be made at no charge for parts and/or labor (except for batteries and tires, in which case you may pay certain charges as noted above or as described in the applicable tire warranty found later in this booklet). Any needed parts replacement will be made using genuine Nissan or Nissan approved new or remanufactured parts.

OBTAINING WARRANTY SERVICE

- You must take the vehicle to an authorized Nissan dealer in the United States or Canada during regular business hours at your expense in order to obtain warranty service. The names and addresses of authorized Nissan dealers are listed in telephone directories.
- If you require warranty service outside of the United States (see terms under caption "APPLICABILITY"), contact an authorized Nissan dealer in that country. Note that complaints related to failure to comply with proper use of the vehicle as described in the applicable OWNER'S MANUAL (including the lack of availability or use of proper

fuel and fluids), or the vehicle's lack of compliance with local regulations or environmental requirements of any country (other than the U.S., the listed U.S. territories or Canada) are <u>not</u> covered by this warranty.

MAINTENANCE AND RECORDS

As a condition of this warranty, you are responsible for properly using, maintaining and caring for your vehicle as outlined in your OWNER'S MANUAL and your NISSAN SERVICE & MAINTENANCE GUIDE, and maintaining copies of all maintenance records & receipts for review by Nissan. Failure to do so is likely to result in the denial of warranty coverage.

Evidence of the performance of the required maintenance should be kept and presented as proof of such maintenance in connection with related warranty repairs. To assist you in maintaining appropriate records, the maintenance log located in your NISSAN SERVICE & MAINTENANCE GUIDE can be used along with supporting repair invoices, receipts and other such records.

(Continued on page 6)

(See following page for "WHAT IS NOT COVERED.")

5

WHAT IS NOT COVERED DAMAGE, FAILURES OR CORROSION DUE TO ACCIDENTS, MISUSE OR ALTERATIONS

This warranty does not cover damage, failures or corrosion resulting from:

- Accident, theft, fire, driving through water (including engine water ingestion) or misuse, which includes racing of any sort whatsoever (Proper use is outlined in your OWNER'S MANUAL).
- Alteration, tampering or improper repair.
- Installation of non-Nissan approved accessories or components.
- Improper installation of any Nissan approved or aftermarket accessory or component.
- Glass breakage, unless resulting from defects in material or workmanship.
- Normal wear and tear, including dings, dents, chips or scratches.

ALTERED OR UNCERTAIN ODOMETER MILEAGE

This warranty does not cover repair of any vehicle or any part of a vehicle of which the odometer mileage has been altered, or the odometer repaired or replaced and the actual vehicle mileage cannot be correctly and readily determined.

SALVAGE TITLE

This limited warranty does not apply to any vehicle, and is rendered void if the vehicle is (or ever has been) issued a "salvage" or similar title under any state's law; or has ever been determined to be a "total loss" or equivalent by any insurance company, such as by payment of a cash payment of claim in lieu of repairs because of a determination that the cost of repairs exceeded the actual cash value of the vehicle.

DAMAGE, FAILURES OR CORROSION FROM ENVIRONMENTAL CONDITIONS

This warranty does not cover damage, failures or corrosion resulting from:

Stone chipping, chemical fallout (acid rain), tree sap, salt, hail, wind-storm, lightning, flood or other environmental conditions.

- The items listed below are not covered under corrosion coverage (perforation from corrosion).
 - Exhaust system components.
 - Corrosion of outer trim parts, such as moldings. However, corrosion of outer trim parts is warranted for 12 months or 12,500 miles, whichever comes first.
 - Corrosion other than perforation, such as cosmetic or surface corrosion due to defects in materials or workmanship. This is covered under the Basic Coverage of the New Vehicle Limited Warranty.
 - Special bodies or equipment not manufactured or supplied by Nissan.

DAMAGE, FAILURES OR CORROSION DUE TO LACK OF OR IMPROPER MAINTENANCE

This warranty does not cover damage, failures or corrosion resulting from:

- Lack of performance of proper maintenance services as outlined in your NISSAN SERVICE & MAINTENANCE GUIDE.
- Use of improper or dirty fuel, fluids or lubricants.
- Use of parts not equivalent in quality or design to parts supplied by Nissan.

MAINTENANCE SERVICE EXPENSE

This warranty does not cover normal maintenance services as specified in your NISSAN SERVICE & MAINTENANCE GUIDE such as engine tune-up; cleaning and polishing; wheel alignment; headlight aiming; replacement of filters, replacement of windshield wiper inserts, replacement of key fob batteries, lubricants, coolant; worn brake shoes, pads, drums and rotors and worn clutch discs.

SEAT BELTS, TIRES, DROP-IN BEDLINERS AND EMISSION CONTROL SYSTEM

Seat belts, tires, drop-in bedliners and the emission control system are not covered by this warranty, but are covered by separate warranties.

NISSAN SPRAY-IN BEDLINERS

Nissan Spray-in Bedliners will be repaired to commercially acceptable standards which may include minor appearance differences from the original bedliner.

(See following pages for separate warranties which may apply to your Nissan, such as those covering vehicle emissions, seat belts, and tires.)

EMISSION DEFECTS WARRANTY

Nissan¹ warrants that your vehicle was designed, built and equipped to conform at the time of sale with all applicable United States emission standards.

This warranty covers any repairs needed to correct defects in materials or workmanship which would cause your vehicle not to meet these standards.

WHAT IS COVERED UNDER THE DEFECTS WARRANTY

Covered components are listed below under the caption "WARRANTY PARTS LIST." Exceptions to this warranty are listed below under the caption "WHAT IS NOT COVERED UNDER EITHER THE DEFECTS OR PERFORMANCE WARRANTIES."

HOW LONG IS THE DEFECTS WARRANTY

This warranty is for 3 years or 36,000 miles, whichever occurs first. The warranty begins the date the vehicle is delivered to the first retail buyer or put into use, whichever is earlier. Additionally, the engine control module/onboard diagnostic device and catalytic converter(s) listed below and indicated by an "O" under the caption "Warranty Parts List" are covered for 8 years or 80,000 miles, whichever occurs first.

EMISSIONS PERFORMANCE WARRANTY WHEN DOES THIS WARRANTY APPLY

The Emission Performance warranty applies to your 2007 Nissan vehicle ONLY when both of the following occur.

1. The vehicle fails to meet applicable emissions standards as judged by an emissions test approved by the Environmental Protection Agency (EPA). 2. This failure results or will result in some penalty to you, such as a monetary fine or the denial of the right to use your vehicle, under local, state or federal law.

For example, if your state requires an EPA approved yearly vehicle inspection before you receive a renewed license, this warranty applies to your vehicle. In areas where there is no approved test program, this warranty does not apply.

WHAT IS COVERED AND FOR HOW LONG UNDER THE PERFORMANCE WARRANTY

Nissan¹ warrants that it will remedy any non-conformity in your vehicle which causes it to fail an approved emissions test during the first 24 months or 24,000 miles, whichever occurs first. This warranty begins the date the vehicle is delivered to the first retail buyer or put in to use, whichever is earlier.

Additionally, failure of an approved emissions test resulting from the failure of those parts listed below under the caption "Warranty Parts List" are covered by the Emissions Defects Warranty described above.

Exceptions to this warranty are listed below under the caption "WHATIS NOT COVERED UNDER EITHER THE DEFECTS OR PERFORMANCE WARRANTIES."

LIMITATION OF WARRANTIES AND OTHER WARRANTY TERMS AND STATE LAW RIGHTS

EXTRA EXPENSES - LIMITATIONS OF DAMAGES

These emissions warranties do not cover incidental or consequential damages such as loss of the use of the vehicle, inconvenience or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THESE WRITTEN WARRANTIES.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

(Continued on page 8)

¹ Nissan indicates Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003 which distributes Nissan vehicles in the United States.

FEDERAL VEHICLE EMISSION CONTROL LIMITED WARRANTIES

WHAT IS NOT COVERED UNDER EITHER THE DEFECTS OR PERFORMANCE WARRANTIES

These warranties do not cover:

- Normal maintenance, service and parts replacement as outlined in the emissions control maintenance instructions of your OWNER'S MANUAL and your NISSAN SERVICE & MAINTENANCE GUIDE.
- 2. Failures directly as a result of:
 - Failure to perform required emission control maintenance as outlined in your OWNER'S MANUAL and your NISSAN SERVICE & MAINTENANCE GUIDE.
 - Misuse, accident or modification.
 - Improper adjustment or installation of parts during the performance of maintenance services.
 - Tampering with or disconnecting any part affecting vehicle emissions.
 - The use of contaminated fuel or fuel other than that specified in your OWNER'S MANUAL.
- In the case of the Performance Warranty, the use of any part not certified in accordance with Federal requirements which is defective or not equivalent from an emissions standpoint to the original equipment part.
- In the case of the Performance Warranty, costs of determining the cause of a vehicle failing an EPA approved emissions test if such failure is found not to be covered.
- In the case of the Defects Warranty, parts not supplied by Nissan or damage to other parts caused directly by non-Nissan parts.

WHAT YOU MUST DO

In order to obtain warranty service you must deliver the vehicle to an authorized Nissan dealer in the United States at your expense.

You must also maintain your vehicle as outlined in the maintenance instructions in your NISSAN SERVICE & MAINTENANCE GUIDE.

WHAT NISSAN WILL DO

Warranty repairs will be made at no charge for parts and/ or labor, including diagnosis and tax. Any needed parts replacement will be made using new or remanufactured parts.

OTHER WARRANTY TERMS PERFORMANCE WARRANTY CLAIMS PROCEDURE

You may make a claim under the Performance Warranty immediately after the failure of an EPA approved emissions test. You must provide proof of this failure when making your claim.

You will be told whether Nissan will honor your claim within 30 days of the date you make the claim unless a shorter time period is required by law. If your claim is denied, Nissan will notify you in writing of the reason. If we do not notify you within this time period, we will repair your vehicle under this warranty at no cost to you. The time period for notification will not apply if you request a delay or a delay is caused by events not under the control of Nissan dealers.

No claim will be denied under the Performance Warranty

because you use a non-Nissan but EPA certified part for maintenance or repair.

MAINTENANCE SERVICE AND REPLACEMENT PARTS

Important information concerning maintenance service and replacement parts is in the Limited Warranty on Nissan Parts and Accessories section of this booklet.

MAINTENANCE RECORDS

Receipts covering the performance of regular maintenance should be kept in the event questions arise concerning maintenance. The receipts should be transferred to subsequent owners.

IF YOU HAVE QUESTIONS

You may obtain further information concerning these warranties by following the procedure outlined in the "CUSTOMER CARE" section of this booklet. In the case of the Performance Warranty, you may also contact or report any violations to the Office of Transportation and Air Quality, Vehicle Compliance Programs Group, U.S. Environmental Protection Agency, Ariel Rios Building (6405J), 1200 Pennsylvania Avenue, N.W, Washington, D.C. 20460

(Continued on page 9)

9

WARRANTY PARTS LIST

- Fuel injection system
- O Engine control module/onboard diagnostic device
- Oxygen sensor(s)
- Mass air flow sensor
- Intake manifold
- Throttle body
- Catalytic converter(s)
- Exhaust manifold(s)
- · Exhaust tube from manifold to catalytic converter
- Camshaft position sensor(s)
- Crankshaft position sensor(s)
- Spark plugs, ignition coil and wires
- · Ignition control module

- Evaporative emission control system
- Fuel filler neck restrictor and check valve
- Fuel tank and filler cap
- Idle air control system
- Positive crankcase ventilation system
- Exhaust gas recirculation (EGR) control system
- Pulsed secondary air injection system and valves
- Hoses, clamps, fittings, tubing, sealing gaskets or devices and mounting hardware used in above systems
- Vacuum and temperature sensitive valves and switches used in above systems
- Electronic sensors and controls used in above systems

The Emission Performance or Defect Warranty may be subject to future governmental administrative action. Nissan reserves the right to change the terms of the warranty to be consistent with these actions. See your dealer for information regarding possible changes. The following statement is required to be provided by regulations of the California Air Resources Board.

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board is pleased to explain the emission control system warranty on your 2007 vehicle.³ In California, new motor vehicles must be designed, built and equipped to meet the State's stringent anti-smog standards. Nissan⁴ must warrant the emission control system on your vehicle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emission control system may include parts such as the fuel-injection system, the ignition system, catalytic converter and engine computer. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, Nissan will repair your vehicle at no cost to you including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE⁵

For 3 years or 50,000 miles (whichever occurs first):

 If your vehicle fails a Smog Check inspection, all necessary repairs and adjustments will be made by Nissan to ensure that your vehicle passes the inspection. This is your emission control system

PERFORMANCE WARRANTY.

- If any emission-related part on your vehicle is defective, the part will be repaired or replaced by Nissan. This is your short-term emission control system DEFECTS WARRANTY.
- For 7 years or 70,000 miles (whichever occurs first): If an emission-related part listed in this warranty booklet specially noted with coverage for 7 years or 70,000 miles is defective, the part will be repaired or replaced by Nissan. This is your long-term emission control system DEFECTS WARRANTY.

OWNER'S WARRANTY RESPONSIBILITIES

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Nissan recommends that you retain all receipts covering maintenance on your vehicle, but Nissan cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehicle to a Nissan dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should also be aware that Nissan may deny you warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact Nissan's Consumer Affairs Department at 1-800-NISSAN-1 (1-800-647-7261) or the California Air Resources Board at 9528 Telstar Avenue, El Monte CA 91731.

(Continued on page 11)

- ¹ These warranties apply to all California and 50-state emission equipped 2007 model year Nissan vehicles sold for registration as new vehicles in California, Maine, Massachusetts, or Vermont only.
- ² These warranties also apply to all Model Year 2007 Partial Zero Emissions Vehicles (PZEVs) sold in the states of New York, Maine, Massachusetts, Rhode Island, Connecticut or Vermont.
- ³ Throughout this Limited Emission Control Warranty, "vehicle" means a Nissan model vehicle.
- ⁴ Nissan indicates Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003 which distributes Nissan vehicles in the United States.
- ⁵ The performance and defect warranty coverage for the California Emission Altima with 2.5 engine ONLY is 15 years/150,000 miles, whichever occurs first.

CALIFORNIA VEHICLE EMISSION CONTROL WARRANTIES 11

The following is Nissan's new vehicle emission control warranty statement for vehicles certified for sale in California and sold for registration as a new vehicle in California, Maine, Massachusetts, or Vermont only².

LIMITATION OF WARRANTIES AND OTHER WARRANTY TERMS AND STATE LAW RIGHTS

EXTRA EXPENSES - LIMITATIONS OF DAMAGES These emissions warranties do not cover incidental or consequential damages such as loss of the use of the vehicle, inconvenience or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THESE WRITTEN WARRANTIES.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

EMISSIONS DEFECTS WARRANTY WHAT IS COVERED

Nissan warrants that your vehicle was designed, built and equipped to conform with all applicable requirements of the California Air Resources Board. This warranty covers any part which affects applicable regulated emission(s). Exceptions to this warranty are listed below under the caption "WHAT IS NOT COVERED."

HOW LONG IS THE WARRANTY⁵

This warranty is for 3 years or 50,000 miles, whichever occurs first. Additionally, the components listed under the caption "Long-Term Emission System Defects Warranty Parts List" are covered for 7 years or 70,000 miles, whichever occurs first, except that the catalytic converter and engine control module (ECM) are warranted for 8 years or 80,000 miles, whichever occurs first. The warranty begins the date the vehicle is delivered to the first retail buyer or put into use, whichever is earlier.

Some items require scheduled replacement before 50,000 miles. These items are warranted only up to the replacement interval. The replacement intervals are outlined in the maintenance instructions in your NISSAN SERVICE & MAINTENANCE GUIDE.

LONG-TERM EMISSION SYSTEM DEFECTS WARRANTY PARTS LIST

- Engine control module (all models).
- Catalytic converter(s) (Altima w/3.5 engine, Maxima, 350Z, Quest, Murano, Frontier w/4.0 engine, Xterra, Pathfinder).
- Intake manifold (Versa, Sentra, 350Z, Murano, Frontier w/2.5 engine).
- Intake manifold collector (Murano lower only).
- Exhaust manifold (Versa, Sentra, Maxima rear only, 350Z, Frontier w/4.0 engine RH only, Xterra RH only, Pathfinder RH only).
- Exhaust manifold with catalytic converter (Titan, Armada).
- Front exhaust tube (350Z).
- Front exhaust tube with catalytic converter (Versa, Sentra, Altima w/3.5 engine, Murano).
- Throttle body (Versa, Sentra, Altima w/3.5 engine, Maxima, 350Z, Quest, Murano, Frontier, Xterra, Pathfinder, Titan, Armada).

- Mass air flow sensor (Maxima, Quest, Murano).
- EGI wiring harness (Versa, Sentra, Altima w/3.5 engine, 350Z, Murano, 2WD Titan).
- Fuel tank (Altima w/3.5 engine, Maxima, 350Z, Quest, Murano, Frontier, Xterra, Pathfinder, Titan, Armada).
- Flywheel (Versa, Sentra, Altima w/3.5 engine, 350Z, Frontier, Xterra).
- Torque converter drive plate (Versa, Sentra, Altima w/3.5 engine, Maxima, 350Z, Quest, Murano, Frontier, Xterra, Pathfinder).
- Knock sensor (Frontier w/4.0 engine, Xterra, Pathfinder).
- Automatic transmission control module (Versa, Sentra, Altima w/3.5 engine, Maxima, Quest, Murano).
- Air fuel ratio sensor (Murano).

EMISSIONS PERFORMANCE WARRANTY WHEN DOES THIS WARRANTY APPLY

This warranty applies to your 2007 Nissan vehicle only if it fails to pass a California "smog check" test or equivalent.

WHAT IS COVERED AND FOR HOW LONG⁵

Nissan* warrants that if your vehicle fails to pass a California "smog check" test, it will make the necessary repairs so that your vehicle will pass. This warranty is for 3 years or 50,000 miles, whichever occurs first. The warranty begins the date the vehicle is delivered to the first retail buyer or the date it is first put in to service, whichever is earlier.

Exceptions to this warranty are listed under the caption "WHAT IS NOT COVERED".

(Continued on page 12)

WHAT IS NOT COVERED

These warranties do not cover:

- Normal maintenance, service and parts replacement as outlined in the emission control maintenance instructions of your OWNER'S MANUAL and your NISSAN SERVICE & MAINTENANCE GUIDE.
- 2. Failures directly as a result of:
 - Lack of performance of required emission control maintenance as outlined in your OWNER's MANUAL and your NISSAN SERVICE & MAINTENANCE GUIDE.
 - Misuse, accident or modification.
 - Improper adjustment or installation of parts during the performance of maintenance (non-warranty) services.
 - Tampering with or disconnecting any part affecting vehicle emissions.
 - The use of fuel other than that specified in your OWNER'S MANUAL or fuel with contaminants which the fuel filter is not designed to remove.
- In the case of the Performance Warranty, the use of any non-Nissan part not certified in accordance with Federal requirements which is defective or not equivalent from an emissions stand point to the original equipment part.
- 4. In the case of the Defects Warranty, parts not supplied by Nissan or damage to other parts caused directly by non-Nissan parts.
- In the case of the Performance Warranty, costs of determining the cause of a vehicle failing a Cali fornia "smog check" test if such failure is found not to be covered.

WHAT YOU MUST DO

In order to obtain warranty service you must deliver the vehicle to any authorized Nissan dealer in the United States at your expense. You are responsible for the required maintenance on your vehicle as outlined in the maintenance instructions in your NISSAN SERVICE & MAINTENANCE GUIDE. Nissan recommends that you retain all receipts covering maintenance on your vehicle, but Nissan cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

WHAT NISSAN WILL DO

Warranty repairs will be made at no charge for parts and/ or labor, including diagnosis and tax. Any needed parts re-placement will be made using new or remanufactured parts.

OTHER WARRANTY TERMS Performance Warranty Claims Procedure

You may make a claim under the Performance Warranty immediately after the failure of a "smog check" test. You must provide proof of this failure when making your claim in order to avoid additional "smog check" test charges.

You will be told whether Nissan will honor your claim within 30 days of the date you make the claim, unless a shorter time period is required by law. If your claim is denied, Nissan will notify you in writing of the reason. If we do not notify you within this time period, we will repair your vehicle under this warranty at no cost to you. The time period for notification will not apply if you request a delay or a delay is caused by events not under the control of Nissan dealers. No claim will be denied under the Performance Warranty because you use a certified part for maintenance or repair.

Maintenance Service and Replacement Parts

Important information concerning maintenance service and replacement parts is in the Limited Warranty on Nissan Replacement Parts and Accessories section of this booklet. No warranty claim will be denied solely because a non-Nissan part was used for maintenance or repair.

California Vehicle Inspection Program

Under this program, if your vehicle fails a "smog check" test, you may choose to have diagnosis of the failure and repairs made at a Nissan dealer or at another service facility. If the inspection failure is the result of a condition covered by these warranties, you must take your vehicle to an authorized Nissan dealer for warranty repairs. This includes parts, labor and diagnosis. You must pay for diagnostic costs if performed at another service facility except in the case of emergency repairs as outlined below.

You must pay for all diagnostic and repair costs of an inspection failure as required by law if the failure was caused by conditions not covered by these warranties. If the failure is the result of a combination of conditions, you must pay for only the diagnostic and repair costs related to items not covered by these warranties.

After the 3 year/50,000 mile performance warranty has passed, a "smog check" test failure due to a defect in a part which is warranted for 7 years/70,000 miles is covered.⁵

Emergency Repairs

In case of an emergency, when an authorized Nissan dealer is not reasonably available, warranty repairs may be performed at any service facility or by the owner using any replacement parts. Nissan will reimburse you for such repairs, including diagnosis, up to the amount of Nissan's suggested retail price for parts and labor charges based on Nissan's recommended time allowance for the warranty repair and the geographically appropriate hourly

labor rate. A part not being available or a repair not being complete within 30 days also constitutes an emergency. You must take the replaced part and paid receipts to an authorized Nissan dealer for repayment in such emergency situations.

Maintenance Records

Receipts covering the performance of regular maintenance are not required but should be kept in the event questions arise concerning maintenance. The receipts should be transferred to subsequent owners.

If you have Questions

You may obtain further information concerning these warranties by following the procedure outlined in the "CUSTOMER CARE" section of this booklet. You may also contact or report any violations to the Office of Transportation and Air Quality, Vehicle Compliance Programs Group, U.S. Environmental Protection Agency, Ariel Rios Building (6405J), 1200 Pennsylvania Avenue, N.W, Washington, D.C. 20460 or the Chief, Mobile Source Division, Air Resources Board, 9528 Telstar Ave., El Monte, CA. 91731.

Other Obligations

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

Warranty for 2007 vehicles certified for sale in California may be subject to future governmental administrative or judicial action. As a result, this warranty may be changed because Nissan reserves the right to, and, will make those changes required by future law, regulation, or judicial or administrative action in order to be consistent with such governmental actions.

WHO IS THE WARRANTOR

Nissan* warrants all parts of your 2007 Nissan vehicle seat belt system supplied by Nissan.

*Nissan indicates Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003, which distributes Nissan vehicles in the United States.

WHAT IS COVERED AND FOR HOW LONG

This warranty covers any Nissan supplied seat belt or related component, that fails to function properly during normal use within ten (10) years of the date the vehicle is delivered to the first retail buyer or put into service, whichever is earlier. Warranty repairs are free of charge for parts and labor.

OBTAINING WARRANTY SERVICE

You must take the vehicle to an authorized Nissan dealer in the United States or Canada during regular business hours at your expense in order to obtain warranty service. The names and addresses of authorized Nissan dealers are listed in telephone directories.

WHAT IS NOT COVERED

- Damage or failure due to misuse, alteration, accident or collision damage. (Proper use is outlined in your OWNER'S MANUAL).
- Color fading, spotting or other cosmetic items when the belt is otherwise functioning properly.
- Air bags and related electronic control systems which are covered by the Powertrain warranty.

LIMITATION OF WARRANTIES AND OTHER WARRANTY TERMS AND STATE LAW RIGHTS

EXTRA EXPENSES - LIMITATIONS OF DAMAGES

This warranty does not cover incidental or consequential damages such as loss of the use of the vehicle, inconvenience or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

WHO IS COVERED

The owner of a BFGoodrich Passenger or Light Truck tire which bears the BFGoodrich name and complete DOT identification number.

WHAT IS COVERED AND FOR HOW LONG

BFGoodrich Passenger and Light Truck tires, used in normal service on the vehicle on which they were originally fitted and in accordance with the maintenance recommendations and safety warnings contained in the owner's manual and in the Important Tire Safety Information Section of this booklet, are covered by this warranty against defects in workmanship and material for the life of the original usable tread, or 6 years from the date of purchase, whichever comes first. At that time, all warranties, express or implied, are terminated. The usable tread is the original tread down to the level of the tread wear indicators - 2/32nds of an inch (1.6mm) of tread remaining. Date of purchase is documented by new vehicle registration or tire sales invoice. If no proof of purchase, coverage will be based on date of manufacture.

WHAT IS NOT COVERED

Tires which become unserviceable due to:

- Road hazard injury (e.g., a cut, snag, bruise, impact damage, puncture, whether repairable or not);
- Incorrect mounting of the tire, tire/wheel imbalance, or improper repair;
- Underinflation, overinflation, improper maintenance or other abuse;
- Mechanical irregularity in the vehicle such as wheel misalignment resulting in uneven or rapid wear;
- Accident, fire, chemical corrosion, tire alteration, or vandalism;
- Ozone or weather cracking.

WHAT BFGOODRICH WILL DO

PASSENGER AND LIGHT TRUCK TIRES

A tire which becomes unserviceable due to a condition covered by this warranty will be replaced with a comparable new BFGoodrich tire, free of charge, when 2/32nds of an inch (1.6mm) or less of the original tread is worn, (or 25% or less, whichever is most beneficial to the user) and within 12 months of the date of purchase. Mounting and balancing of tires is included. The cost of any other service charges and applicable taxes are payable by the user.

When more than 2/32nds of an inch of original tread has been worn (or more than 25%, whichever is most beneficial to the user) or after 12 months from date of purchase, the user must pay the cost of a comparable new BFGoodrich passenger or light truck replacement tire on a *pro rata* basis. The dealer shall determine the charge by multiplying the percentage of the original usable tread worn by the current actual selling price at the adjustment location or the price on the current BFGoodrich Brand Base Price List, whichever is lower. This List is based on a predetermined price intended to fairly represent the actual selling price of the tire. The cost of mounting, balancing and any other service charges and applicable taxes are payable by the user.

(Continued on page 16)

16 BFGOODRICH TIRE LIMITED WARRANTY

WHAT THE CONSUMER MUST DO

When making a claim under the terms of this warranty, the consumer must present the tire to an authorized BFGoodrich Dealer. To locate an Authorized Tire Dealer, check the yellow pages under "Tire Dealers - Retail."

The vehicle on which the tire was used should be available for inspection.

It is essential that you read and understand the safety and maintenance recommendations (see Safety Maintenance Information) for your tires.

CONDITIONS AND EXCLUSIONS

THISWARRANTYDOESNOTPROVIDECOMPENSATION FOR LOSS OF TIME, LOSS OF USE OF VEHICLE, INCONVENIENCE OR CONSEQUENTIAL DAMAGE.

TIRES PRESENTED FOR CLAIM REMAIN THE PROPERTY OF THE CONSUMER AND BFGOODRICH BRAND ACCEPTS NO RESPONSIBILITY FOR LOSS OF, OR DAMAGE TO, TIRES WHICH ARE IN THE CUSTODY OR CONTROL OF A BFGOODRICH TIRE DEALER FOR THE PURPOSE OF INSPECTION FOR WARRANTY ADJUSTMENT. IN THE EVENT OF A DISPUTED CLAIM, THE CONSUMER MUST MAKE THE TIRE AVAILABLE FOR FURTHER INSPECTION.

NO BFGOODRICH REPRESENTATIVE, EMPLOYEE OR DEALER HAS THE AUTHORITY TO MAKE OR IMPLY ANY REPRESENTATION, PROMISE OR AGREEMENT, WHICH IN ANY WAY VARIES THE TERMS OF THIS WARRANTY. THIS WARRANTY APPLIES ONLY IN THE UNITED STATES AND CANADA.

CONSUMER RIGHTS

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE AND PROVINCE TO PROVINCE.

SAFETY MAINTENANCE INFORMATION

Read your vehicle owners manual, the information on the sidewall of your tires, the vehicle tire information placard and the Important Tire Safety Information section of this booklet for essential safety and maintenance information.

THE WARRANTOR

The warrantor of BFGoodrich Tires is Michelin North America, Inc. 1 Parkway South, P.O. Box 19001, Greenville, South Carolina 29602-9001.

For Consumer Assistance, Please Call Toll Free: 1-877-788-8899 Or Write: Consumer Relations P.O. Box 19026, Greenville, SC 29602-9026

DANGER

Disregarding any of the safety precautions and instructions contained in the Owner's Manual or the Important Tire Safety Information in this booklet may result in tire failure or explosion causing serious personal injury or death.

ELIGIBILITY

You are covered under the terms of this warranty if you are the first retail purchaser or authorized agent of the first retail purchaser of any new Bridgestone or Firestone tire bearing the Bridgestone or Firestone name and Department of Transportation (DOT) assigned identification number, produced after July 3, 1994 (274), and if your tire has been used only on the vehicle on which it was originally installed in non-commercial service and is of a size equivalent to or greater than that specified by the vehicle's manufacturer.

WHAT THIS WARRANTY COVERS & FOR HOW LONG

If, (i) before wearing down to 2/32nds of an inch of tread depth remaining (i.e., worn down to the top of the built-in indicators in the tread grooves), (ii) before 6 years from the date of purchase (proof of purchase required), or (iii) before 6 years from the date of manufacture (whichever occurs first), any Bridgestone or Firestone tire covered by this warranty becomes unusable for any reason within the manufacturer's control, such tire will be replaced with an equivalent Bridgestone or Firestone tire on the basis set forth below.

WHAT THE WARRANTY DOES NOT COVER

- 1. Tire damage or irregular wear due to:
 - A. Road Hazards.

Including, without limitation, puncture, cut, impact break, bruise, bulge, snag, etc.

B. Continued use while run flat or under acute underinflation. C. Improper Use or Operation.

Including, without limitation, improper inflation pressure, overloading, use of an improper rim, vehicle misalignment, tire/wheel assembly imbalance or other vehicle conditions, worn suspension components, improper mounting or demounting, misuse, misapplication, negligence, tire spinning, tire chain damage, chemical contamination, fire or other externally generated heat, water or other material trapped inside the tire during mounting, tire alteration, racing or competition purposes, improper insertion of sealant, balance or filler materials.

D. Improper Repair.

- 2. Ride disturbance claims submitted after 1/32nd inch of treadwear or for 4 or more tires from the same vehicle.
- 3. The cost of applicable federal, state, and local taxes.
- 4. Tires purchased and normally used outside the continental United States.
- Claims for weather/ozone cracking after 4 years from the date of purchase (proof of purchase required) or if not known, 4 years from the date of manufacture.
- 6. Failure to observe any of the safety and maintenance precautions contained in the "Important Tire Safety Information" section of this booklet.

This warranty is in addition to and/or may be limited by any other applicable written warranty concerning special tires or situations you may have received.

"LIMITED WARRANTY" Bridgestone and Firestone Brand Passenger & Light Truck Tires

REPLACEMENT PRICE

Radial passenger and light truck tires adjusted under this warranty will be replaced free of charge during the first 25% of treadwear or within the first 12 months after purchase (Proof of Purchase and Purchase Date are required), whichever occurs first.

During the free replacement period, mounting and balancing are included free of charge.

After the free replacement period, to determine the replacement price, the percent of used treadwear is multiplied by the owner-user's regular buying price. Taxes, mounting, balancing, and other service charges will be added to the adjustment replacement price.

IN CANADA, the tire will be adjusted at dealerships (subject always to dealer discretion) at a predetermined "Adjustment Price".

Replacement Warranty. If you receive a tire under this warranty, it will be covered by the warranty then given on that tire.

Where to go. See your Bridgestone or Firestone retailer listed in Yellow Pages under Tire Dealers-Retail.

CONSUMER RIGHTS

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and in Canada from province to province.

18 BRIDGESTONE/FIRESTONE TIRE LIMITED WARRANTY

CONDITIONS & EXCLUSIONS

TO THE EXTENT PERMITTED BY LAW, BRIDGESTONE/ FIRESTONE, INC. DISCLAIMS LIABILITY FOR ANY CONSEQUENTIAL DAMAGES, LOSS OF TIME, OR LOSS OF VEHICLE USE, OR INCONVENIENCE.

Some states do no allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty applies only to consumers actually using the tire in the United States and Canada. For warranty conditions outside the United States and Canada, see your local Bridgestone or Firestone distributor.

Obligations under this policy may not be enlarged or altered by anyone.

Important: In accordance with Federal Law, this warranty has been designated as a "Limited Warranty". Nothing in this warranty is intended to be a representation that tire failures cannot occur. This warranty is given by Bridgestone/Firestone, Inc., One Bridgestone Park, Nashville, TN 37214 and in Canada by Bridgestone Canada, Inc., 5770 Hurontario St. Suite 400, Mississauga, Ontario, Canada L5R 3G5.

OWNER-USER'S OBLIGATION

It is owner-user's obligation to operate tires within tire load and specification limits and at cold air pressures specified by your vehicle manufacturer for load and speed according to individual tire size, type, and load capacity. It is also the owner-user's obligation to maintain proper alignment of wheels, and to maintain proper tire/wheel assembly balance.

In case of adjustment claim, owner-user must present the tire to a Bridgestone or Firestone retailer, complete and sign the customer section of the Bridgestone/Firestone, Inc. warranty claim form, and pay appropriate replacement price, taxes and service charges.

We strongly recommend that you have your Bridgestone or Firestone retailer inspect tires any time you notice irregular or uneven treadwear or every 5,000 miles or at vehicle manufacturer's recommended mileage, if sooner.

Note: For your convenience, your nearest authorized Nissan Dealership will also assist you with your Tire Service Requirements or in obtaining tire warranty service from the tire manufacturer.

THE WARRANTOR

The warrantor of Bridgestone and Firestone tires is: Bridgestone/Firestone, Inc., ATTN: Technical Services, One Bridgestone Park, Nashville, TN 37214.

For Customer Assistance: 1-800-847-3272

SAFETY INFORMATION

Any tire, no matter how well constructed, may fail in use as a result of punctures, impact damage, improper inflation, overloading, or other conditions resulting from use or misuse. Tire failure may create a risk of serious personal injury or property damage. To reduce risk of tire failure, we strongly recommend you read and follow all safety information contained in the Important Tire Safety Information section contained in this booklet, the tire placard in the vehicle or the Owner's Manual.

WHO IS ELIGIBLE?

You are eligible for the benefits of this Limited Warranty if:

- You are the owner or authorized agent of the owner of new Dunlop highway auto, light truck or temporary spare tires supplied as original equipment on your vehicle, and
- Your tires bear Department of Transportation prescribed tire identification numbers and your tires have been used only on the vehicle on which they were originally installed according to the vehicle manufacturer or Dunlop recom-mendations, and
- Your vehicle was purchased on or after March 1, 2003.

WHAT IS COVERED AND FOR HOW LONG? FREE TIRE REPLACEMENT

Any Dunlop tire eligible under the provisions of this limited warranty and removed from service due to a covered warranty condition during the first 2/32" treadwear or 12 months from date of purchase, whichever occurs first, will be replaced with a comparable new Dunlop tire at no charge. Mounting and balancing are included. (Without proof of purchase, date of manufacture will be used to determine age.)

TEMPORARY SPARE TIRES

Any Dunlop temporary spare tire eligible under the provisions of this limited warranty and removed from service due to a covered warranty condition during the first 50 percent of usable treadwear will be replaced with a comparable new Dunlop temporary spare tire at no charge, including mounting.

PRORATED ADJUSTMENT

A tire not eligible for no-charge replacement that is removed from service due to a covered warranty condition will be replaced with a comparable new Dunlop tire on a prorated basis.

HOW WILL PRORATED CHARGES BE CALCULATED?

Replacement price will be calculated by multiplying the tire's advertised retail selling price at the time of adjustment by the percentage of usable original tread that has been worn off. You pay for mounting, balancing and applicable taxes. **Example:** If your disabled tire had an original 8/32" of usable treadwear and is worn to 4/32" usable tread remaining, you have used 50 percent and, therefore, must pay 50 percent of the current advertised selling price of the replacement tire. If the price of the new replacement tire is \$80, the cost to you would be \$40 plus any additional charges such as mounting, balancing and applicable taxes.

WHAT IS A COMPARABLE TIRE?

A comparable new Dunlop tire may either be the same line of tire or, in the event that the tire is not available, a tire of the same basic construction and quality with a different side-wall or tread configuration. If a higher priced tire is accepted as replacement, the difference in price will be at an additional charge to you.

ADDITIONAL PROVISIONS

A tire has delivered its full original treadlife and the coverage of this warranty ends when the treadwear indicators become visible (worn to 2/32"), or six (6) years from the date of original tire manufacture or new tire purchase date. (Without proof of purchase, date of manufacture will be used to determine age.)

Any replacement tire provided pursuant to this warranty will be covered by the Dunlop warranty in effect at the time of replacement.

LIMITATIONS

This limited warranty is applicable only in the United States and Canada.

WHAT IS NOT COVERED BY THIS WARRANTY?

This limited warranty does not cover the following:

- Tires submitted for ride disturbance complaints that are worn beyond the first two thirty-seconds of an inch (2/32") tread depth.
- Dunlop does not warrant or give credit in any adjustment transaction for any kind of material added to a tire (e.g., tire fillers, sealants, balancing substances) after the tire leaves a factory producing Dunlop tires, nor will it adjust any tire that has failed as a result of adding such material.
- Irregular wear or damage due to mechanical condition of the vehicle, improper inflation, overloading, high speed spin-up, misapplication, misuse, negligence, racing, use of tire chains, improper mounting or demounting, improper repair, wreck, collision or fire.
- Road hazards (includes, but not limited to, punctures, cuts, snags, impact breaks, etc.).
- Any tire that after leaving a factory producing Dunlop tires has been intentionally altered to change its appearance (e.g., white inlay on a black tire, regrooving or siping).
- Tires with weather-cracking that were purchased more than four (4) years prior to presentation for adjustment or, if purchase date cannot be verified, manufactured more than four (4) years prior to presentation for adjustment.
- Loss of time, inconvenience, loss of vehicle use, incidental or consequential damages.

WHAT ARE YOUR LEGAL RIGHTS?

Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. No representative or dealer has authority to make any representation, promise, or agreement on behalf of Goodyear Dunlop Tires North America, Ltd. (GDTNA), except as stated herein.

Any tire, no matter how well constructed, may fail in service or otherwise become unserviceable due to conditions beyond the control of the manufacturer. Under no circumstances is this warranty a representation that a tire failure cannot occur.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state and in Canada province to province.

HOW DO YOU OBTAIN AN ADJUSTMENT?

- A. You must present the tire to be adjusted to an authorized Dunlop service facility. Tires replaced on an adjustment basis become the property of Goodyear Dunlop Tires North America, Ltd. or Goodyear Canada Inc.
- B. You must pay for taxes and any additional services you order at the time of adjustment.
- C. You must submit your claim on a GDTNA claim form supplied by an authorized Dunlop service facility. The form must be filled out completely and signed by you, the owner of the tire presented for adjustment, or your authorized agent.

TIRE CARE AND MAINTENANCE GUIDE

The easiest way to help ensure satisfactory mileage and performance from your Dunlop tires is to give them a simple but frequent inspection for proper inflation, even treadwear, and the presence of any damage.

DO MAINTAIN PROPER INFLATION PRESSURE IN YOUR TIRES

Proper inflation pressure is necessary for optimum tire per-formance, safety and fuel economy. To maintain proper inflation pressure, frequently check tires (when they are cool) with an accurate tire pressure gauge.*

For example, it is difficult to tell just by looking at radial tires whether they are underinflated.

Furthermore, when operating a vehicle equipped with radial tires, it is difficult to notice when a tire has gone flat or nearly flat since the "feel" of the vehicle does not change significantly.

*Evidence of air loss or repeated underinflation always requires expert inspection to determine the source of leakage and tire removal to determine repairability. To avoid injury, **NEVER** attempt to reinflate a tire that has been run severely underinflated.

Progressive air loss may result from punctures, cuts, curbing, impacts or partial bead unseating. Some fitment causes for air loss are (1) incomplete bead seating, (2) bead tearing caused by a machine tool due to insufficient lubrication or improper adjustment, (3) leaking valve core or rubber valve components. These should be replaced when problems are detected and whenever tires are replaced.

Always maintain inflation pressure at the level recommended by the vehicle manufacturer as shown on the vehicle placard or in the owner's manual: Underinflation is the leading cause of tire failure and may result in severe cracking, component separation or "blowout." It reduces tire load capacity, allows excessive sidewall flexing and increases rolling resistance, resulting in heat and mechanical damage. Maintaining proper inflation pressure is the single most important thing you can do to ensure tire durability and maximum treadlife.

Overinflation increases stiffness, which may deteriorate ride and generate unwanted vibration. Overinflation also increases the chances of impact damage.

DON'T OVERLOAD YOUR VEHICLE

Check your vehicle owner's manual to determine the load limits. Overloading your vehicle places stress on your tires and other critical vehicle components. Overloading a vehicle can cause poor handling, increased fuel consumption and may cause tire failure.

Never fit your vehicle with new tires that have less load capacity than shown on the vehicle tire placard and remember that optimum rim width is important for proper tire load distribution and function.

The maximum load capacity stamped on the sidewalls of P-Metric tires is reduced by 10 percent when used on a light truck, utility vehicle or trailer. Never fit P-Metric tires to light trucks that specify LT-type replacement tires.

DON'T SPIN YOUR TIRES EXCESSIVELY

Avoid excessive tire spinning when your vehicle is stuck in snow, ice, mud or sand. The centrifugal forces generated by a free-spinning tire/wheel assembly may cause sudden tire explosion resulting in vehicle damage and/or serious

DUNLOP PASSENGER TIRE LIMITED WARRANTY 21

personal injury to you or a bystander. Never exceed 35 mph/60 km/h as indicated on your speedometer. Use a gentle backward and forward rocking motion to free your vehicle for continued driving. Never stand near or behind a tire spinning at high speed as, for example, while attempting to push a vehicle that is stuck or when an on-the-car spin balance machine is in use.

DO CHECK YOUR TIRES FOR WEAR

Always remove tires from service when they reach two thirty-seconds of an inch (2/32") remaining tread depth. All new tires have treadwear indicators which appear as smooth banks in the tread grooves when they wear to the two thirty-seconds of an inch (2/32") level. Many wet weather accidents result from skidding on bald or nearly bald tires. Excessively worn tires are also more susceptible to penetrations.

SIDEWALL TREATMENTS

Dunlop sidewalls are specially compounded to resist ozone cracking or weather-cracking.

Use a mild soap solution to clean sidewalls, white striping or lettering, and rinse off with plain water. Instruct service per-sonnel and customers never to apply any other material to enhance sidewall appearance. These may degrade rubber and remove inherent ozone resistance.

DO CHECK YOUR TIRES FOR DAMAGE

Frequent inspection of your tires for signs of damage and their general condition is important for safety. If you have any questions, have your tire dealer inspect them. Impacts, penetrations, cracks, knots, bulges, or air loss always require tire removal and expert inspection. Never perform a temporary repair or use an innertube as a substitute for a proper repair. Only qualified persons should repair tires.

PROPER TIRE REPAIR

NOTE: Dunlop does not warrant any inspection or repair process. The repair is entirely the responsibility of the repairer and should be made in accordance with established Rubber Manufacturers Association (RMA) procedures.

DON'T ATTEMPT TO MOUNT YOUR OWN TIRES

Serious injury may result from explosion of tire/rim assembly due to improper mounting procedures. Follow tire manufacturer's instructions and match tire diameter to rim surfaces. Lock assembly on mounting machine or place in safety cage. STAND BACK and never exceed 40 psi to seat beads. Never use a volatile substance or a rubber "donut" (also known as a bead expander or "O-Ring") to aid bead seating. Only specially trained persons should mount tires.

DON'T MIX TIRES OF DIFFERENT SIZES AND TYPES ON THE SAME AXLE

For optimum handling and control, Dunlop recommends fitment of four (4) tires of the same type and size unless otherwise specified by the vehicle manufacturer.

FOLLOW THESE ADDITIONAL GUIDELINES:

Fit newest tires on rear axle. If radials and non-radials must be fitted to the same vehicle, fit radials on rear axle. Never mix radials and non-radials on the same axle. When fitting snow tires or all-season tires to performance vehicles, always fit in sets for four. Do not fit tires with different speed ratings.

Use of lift kits with some vehicle/tire combinations can cause instability. When changing tire sizes, always consult dealer for optimum rim width and carefully check vehicle/tire clearances.

RETREADED TIRES

Retreaded passenger and light truck tires are not warranted by Dunlop for any reason. Dunlop speed ratings and U.S. Department of Transportation test compliance certifications are voided for retreaded tires.

DO MAINTAIN VEHICLE SUSPENSION, WHEEL ALIGNMENT AND BALANCE AND ROTATE YOUR TIRES

Lack of rotation, worn suspension parts, underinflation/overinflation, wheel imbalance, and misalignment can cause vibration or irregular tire wear. Rotate your tires according to your vehicle manufacturer's recommendations or at maximum intervals of 6,000 miles/10,000 km.

LIGHTWEIGHT TEMPORARY SPARE TIRES IMPORTANT SAFETY INSTRUCTIONS

- Limit vehicle speed when using the lightweight temporary spare tire to 50 mph/80 km/h or less.
- Check the inflation pressure before using and at least weekly. Maintain cold tire pressure in accordance with that molded on the tire sidewall or found in your vehicle owner's manual. When inflating or adding air to lightweight temporary spare tire, be very careful, since the smaller tire volume can gain pressure quickly. Leave valve core in place and add inflation air in short bursts. Check the pressure often with an in-line or hand gauge until the specified pressure is reached.
- The lightweight temporary spare tire may lower ground clear-ance when used. Reduce speed and avoid driving over large obstacles or through chuckholes and other road hazards.
- Check your car owner's manual for other special clearance precautions when using the lightweight

(Continued on page 22)

DUNLOP PASSENGER TIRE LIMITED WARRANTY

temporary spare tire provided in your vehicle.

- Because your lightweight temporary spare tire was specifically designed for your car, it should not be used on any other vehicle.
- Do not use snow chains on your lightweight temporary spare tire. This could cause damage to your vehicle.
- Your lightweight temporary spare has very limited wear potential (up to 300 miles/500 km).
- In order to conserve tire treadlife, the lightweight temporary spare tire should be returned to your trunk as soon as the standard tire has been repaired or replaced. Never use the spare if treadwear indicator (TWI) bars are exposed or it is worn to the last 2/32" tread depth.
- Do not use your original equipment lightweight temporary spare tire on any other than its original equipment rim. The replacement lightweight temporary spare tire must match the original equipment tire removed from your lightweight temporary spare rim. Check the tire for the lightweight temporary spare tire size marking designation and compare size markings with those found on both your original lightweight temporary spare and rim.

NOTE: Your original equipment lightweight temporary spare tire and rim combination is not the same size as the other tires and rims with which your vehicle is equipped. Standard tires, snow tires, conventional wheel covers or rim rings should not be fitted to your lightweight temporary spare tire rim or assembly.

. Improper mounting can cause tire/rim assembly explosion and serious injury. Tire Fitters: Follow tire manufacturer's instructions and match tire diameter to rim diameter. Mount the lightweight temporary spare tire only on a rim originally fitted with a temporary spare of the same size. Lubricate beads and rim contact surfaces. Lock assembly on mounting machine or place in a safety cage. STAND BACK; inflate in short bursts with extension hose, clip-on chuck on in-line gauge. Never exceed 40 psi to seat beads or use a volatile substance or a rubber "donut" to aid bead seating. Only specially trained persons should mount lightweight temporary spare tires.

Dunlop brand tires are serviced by The Goodyear Tire & Rubber Company and Goodyear Canada Inc. through authorized Dunlop outlets.

You must go to an authorized Dunlop outlet for replacement tires and all warranty service.

THE WARRANTOR

The warrantor of Dunlop tires is Goodvear/Dunlop N.A. Limited at 1144 East Market Street, Akron, Ohio 44136-0001

FOR SERVICE ASSISTANCE OR **INFORMATION:**

 FIRST CONTACT THE NEAREST DUNLOP RETAILER. • IF ADDITIONAL ASSISTANCE IS REQUIRED: IN THE UNITED STATES: Call (800) 321-2136, or write: Goodvear/Dunlop Consumer Relations Dept. 728 1144 East Market Street, Akron, OH 44316-0001 IN CANADA: Call (800) 387-3288. or write: Goodyear/Dunlop Consumer Relations Department 450 Kipling Avenue Toronto, Ontario M8Z 5E1

SAFETY WARNINGS

Serious injury or property damage may result from:

 TIRE FAILURE DUE TO UNDERINFLATION/ OVERI OADING:

Follow the owner's manual, tire placard in vehicle. or Important Tire Safety Information located in this booklet.

- EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING:
- Only specially trained persons should mount tires.
- FAILURE TO MOUNT RADIAL TIRES ON APPROVED RIMS
- FAILURETODEFLATESINGLEORDUALASSEMBLIES COMPLETELY BEFORE DEMOUNTING.
- TIRE SPINNING ON SLIPPERY SURFACES SUCH AS SNOW, MUD, ICE, ETC. DO NOT SPIN TIRES IN EXCESS OF 35 MPH (55 KPH), AS INDICATED ON THE SPEEDOMETER. PERSONAL INJURY AND SEVERE DAMAGE MAY RESULT FROM EXCESSIVE WHEEL SPINNING, INCLUDING TIRE DISINTEGRATION OR AXLE FAILURE.

22

GENERAL TIRE LIMITED WARRANTY AND ADJUSTMENT POLICY

This Limited Warranty and Adjustment (the "Policy") is issued by Continental Tire North America, Inc. (the "Company") and is applicable for General-brand original equipment tires and is a promise of replacement under certain specified conditions. This Policy applies to tires in normal service displaying adjustable conditions (see Section 4) and does not require the existence of a workmanship or material related condition in order to qualify for adjustment. THIS POLICY IS NOT A WARRANTY THAT YOUR TIRE WILL NOT FAIL OR BECOME UNSERVICEABLE IF NEGLECTED OR MISTREATED.

1. ELIGIBILITY

- a. This Policy applies to the owner of Passenger Car, Light Truck and Serva-Spare tires bearing the General brand name and serial numbers, and operated in normal service.
- Eligible tires must be the original equipment tires, used on the vehicle on which they were originally installed by the vehicle manufacturer.
- c. Tires branded "used" are not eligible under this Policy.

2. WHAT IS THE ADJUSTMENT POLICY AND FOR HOW LONG?

Limited warranty coverage is for a maximum period of 72 months from the date of purchase*, determined by the new vehicle registration date or new vehicle sales invoice showing date of purchase.

If an eligible Passenger or Light Truck or Serva-Spare tire, used in normal service, becomes unserviceable from a condition other than those listed under Section 4, during or after the time or treadwear periods shown below, it will be replaced with a comparable** new General brand tire according to (A) and (B) below.

(A) Free Replacement Policy:		
	Time* Treadwear	
Passenger Tire	First 12 Months or First 2/32nds,	
	(whichever comes first).	
	Mounting & balancing included	
	free of charge. Owner pays all	
	applicable taxes.	
Light Truck Tire	First 12 Months or First 3/32nds,	
	(whichever comes first).	
	Mounting & balancing included	
	free of charge. Owner pays all	
	applicable taxes. (Excluding F.E.T.)	
Serva-Spare	No Time Limit First 1/32nd	
Tires	Mounting & balancing included	
	free of charge. Owner pays all	
	applicable taxes.	

(B) Pro Rata Replacement Policy: Passenger/Light Truck Tires

After the "Free Replacement Policy" expires (set forth in section 2A), and the tire is still within 72 months from the date of purchase*, you will pay, on a pro rata basis, for a comparable** new General brand replacement tire. A tire is eligible for an adjustment on a pro rata basis until the tread is worn down to the tread wear indicators (2/32nds of an inch of tread remaining). The tire tread is worn out at this point and this Policy ends regardless of time period. Owner pays all applicable taxes (including F.E.T.), mounting and balancing charges.

GENERAL TIRE LIMITED WARRANTY 23

Serva-Spare Tires

After the "Free Replacement Policy" expires (set forth in section 2A), no adjustment will be made.

- * At the time of claim, you need to present your new vehicle registration or new vehicle sales invoice showing date of purchase. If satisfactory proof-of-purchase date is not provided, the D.O.T. certification date of manufacture (tire serial number) will be used.
- ** A "comparable" new General brand tire may be either the same tire line or the same basic construction but with a different sidewall or tread configuration. If a higher-priced tire is accepted as replacement, the owner will pay the difference in price. Any tire replaced under this Policy will be covered by the current General Tire Limited Warranty and Adjustment Policy

3. HOW A PRO RATA PRICE IS CALCULATED

The replacement tire price will be determined by multiplying the percentage of the usable tread worn by the Dealers Selling Price (excluding all applicable taxes) at the time of the adjustment or the General brand current published Adjustment Base Price, whichever is lower. The usable tread is the original tread down to the tread wear indicators (2/32nds of an inch of tread remaining). The Ajustment Base Price is intended to fairly represent a Dealer's Selling Price for the same or comparable tire.

(Continued on page 24)

24 GENERAL TIRE LIMITED WARRANTY

4. WHAT IS NOT COVERED BY THE ADJUSTMENT POLICY

a. The following conditions are not covered: Road Hazard: Cuts, snags, punctures, bruises or impact breaks and any damage caused by puncture or tire repair.

Ride/Vibration: After "Free Replacement Policy" (set forth in section 2A) expires.

Tire Damage or Failure Resulting From Improper Operation or Maintenance: Load, speed, and inflation practices causing excessive operational temperatures to exceed the tire capabilities.

Tire damage (including irregular treadwear) or failure resulting from: improper mounting or demounting, damaged rim, wheel alignment, tire trueing, chain damage, brakes or any similar mechanical problem, extreme temperature exposure, misuse, negligence, and abusive driving such as tire spinning, racing or accident damage.

Tire failure resulting from intentional alterations: such as adding a white inlay on a blackwall or sealant materials.

Age Conditions: Weather checking/cracking coverage is for a maximum period of 48 months from the date of purchase.

b. General Exclusions -

Tire(s) submitted for an adjustment in service for longer than 72 months from date of purchase*, are not covered by this policy.

Tire(s) on any vehicle registered and normally operated outside the United States and Canada are not covered under this Policy. For tires on vehicles normally operated outside the United States and Canada, see the nearest General Tire dealer or distributor for local coverage. Tire(s) transferred from the vehicle on which they were originally installed are not covered under this Policy.

Company does not offer tread wearout coverage up to a predetermined mileage under this Policy.

Tire(s) used in racing related activities or competitive events are not covered by this Policy.

THIS LIMITED WARRANTY IS IN LIFLL OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ARE MADE OR INTENDED BY COMPANY. COMPANY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ARE LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS. SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

NO COMPANY EMPLOYEE, RETAILER OR DEALER HAS THE AUTHORITY TO MAKE ANY WARRANTY, REPRESENTATION, PROMISE OR AGREEMENT ON BEHALF OF COMPANY EXCEPT AS STATED IN THIS LIMITED WARRANTY.

TO THE EXTENT PERMITTED BY LAW, COMPANY DISCLAIMS LIABILITY FOR ALL CONSEQUENTIAL AND INCIDENTAL DAMAGES. THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES FOR BREACH OF WARRANTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATIONS OR EXCLUSIONMAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

5. COMPANY'S OBLIGATIONS

Any replacement qualifying under this Adjustment Policy will be made by any General brand authorized dealer or vehicle dealer authorized to handle General brand tire adjustments. Company will replace the tire pursuant to the terms of this Adjustment Policy.

6. OWNER'S OBLIGATIONS

To make a claim under this Policy concerning any tire which is covered by this Policy, you must present your claim with the tire to any General brand tire dealer or vehicle dealer authorized to handle General brand tires. For the nearest General brand tire dealer, check the Yellow Pages, or use the General brand Internet address, or one of the "800" numbers shown under "For Customer Assistance." To be eligible for the terms of this Policy, you need to present your new vehicle registration form or new vehicle sales invoice showing date of purchase. Tires replaced on an adjustment basis become the property of Company. You will be required to sign the Company Limited Warranty Claim Form or dealer replacement sales receipt.

You are responsible for payment of all applicable taxes demounting, mounting and balancing charges set forth under this Policy. You are also responsible for payment of local tire-disposal fees and any parts or service regardless of mileage or months of service. This includes payment for tire rotation, alignment, towing, road service, valve stems and tire repairs.

(Continued on page 25)

Owner is responsible for maintaining proper tire air pressure and for proper maintenance of the tire.

THE WARRANTOR

The warrantor of General brand tires is Continental Tire North America, Inc., 1800 Continental Blvd., Charlotte, NC 28273.

For Customer Assistance: 1-800-847-3349 (Nationwide) 1-800-461-1776 (In Canada) http://www.generaltire.com

SAFETY WARNING

Disregarding any of the safety precautions and instructions contained in the Owner's Manual or the Important Tire Safety Information in this booklet may result in tire failure or explosion causing serious personal injury or death.

GOODYEAR TIRE LIMITED WARRANTY

ELIGIBILITY

You are eligible for the benefits of this policy if you are the owner or authorized agent of the owner of new Goodyear highway auto and light truck tires bearing Department of Transportation prescribed tire identification numbers, and if your tires have been used only on the vehicle on which they were originally installed according to the vehicle manufacturer's recommendations.

COVERAGE (REPLACEMENT FREE)

Any new Goodyear highway radial auto tire or radial light truck tire, except Unisteel radial light truck tires, covered by this policy, that does not deliver satisfactory highway service due to a workmanship or material related condition (see Adjustment Policy Limitations) during the first 25% of usable treadwear, or twelve months from date of purchase, whichever comes first, will be replaced with a comparable new Goodyear tire without charge. Mounting and balancing are included.

Any Goodyear temporary spare tire that does not deliver satisfactory highway service due to a workmanship or material related condition during the first 50% of usable tread depth (1/32 of an inch) will be replaced with a comparable new Goodyear temporary spare tire without charge. Mounting is included. After the first 50% of usable treadwear, you pay only an adjustment charge for the treadwear received, plus any mounting charge.

COVERAGE (PRORATED ADJUSTMENT)

Tires not eligible for no charge adjustment that do not deliver satisfactory service due to a workmanship or material related condition will be replaced with comparable new Goodyear tires on a pro rata basis. The replacement price will be calculated by multiplying the current Goodyear "predetermined price for adjustment" or current advertised price at adjustment location (whichever is lower) by the percentage of usable original tread that has been worn off at the time of the adjustment. You pay for mounting, balancing, and an amount equal to the full current Federal Excise Tax applicable to the comparable new replacement tire.

The "predetermined price for adjustment," available at all Goodyear Auto Service Centers and participating dealers, fairly represents the actual regular retail selling price of the comparable tire at the time of adjustment. If a "predetermined price for adjustment" is not available, adjustment will be based on the price at which you are entitled to buy at the time of adjustment.

A tire has delivered its full original tread life and this warranty ends when the treadwear indicators become visible, regardless of age or mileage.

DEFINITION OF COMPARABLE TIRE

A "comparable" new Goodyear tire may either be the same line of tire or, in the event the disabled tire is out of production, the same basic construction and quality with different sidewall or tread configuration.

If a higher priced tire is accepted as replacement, the difference in price will be additional.

Any tire replacement under this warranty will be covered by the Goodyear warranty in effect at time of replacement.

ADJUSTMENT POLICY LIMITATIONS

This limited warranty is applicable only in the United States and Canada.

No representative or dealer has authority to make any representation, promise, or agreement on behalf of Goodyear, except as stated herein.

The following are not covered by this policy:

 Goodyear does not warrant and will not give credit in any adjustment transaction for any kind of material added to the tire after leaving a Goodyear factory, nor will it adjust any tire which has failed as a result of adding any such material. (Example: Tire fillers, sealants, or balancing substances.)

- Irregular wear or tire damage due to:
 - Road hazards (including punctures, cuts, snags, impact breaks, etc.).
 - Wreck, collision, or fire.
 - Improper inflation, overloading, high speed spinup, mis-application, misuse, negligence, racing, chain damage or improper mounting or demounting.
 - Mechanical condition of the vehicle.
 - Ride disturbance after the first 25% of usable treadwear or due to damaged wheels or any vehicle condition.
 - Temporary spare tires used on vehicle used in racing and on passenger cars in special applications, such as police pursuit service.
 - Any tire intentionally altered after leaving a Goodyear factory to change its appearance. (Example: White inlay on a black tire.)
 - Tires with weather cracking which were purchased more than four (4) years prior to presentation for adjustment. If you have no proof of purchase date, tires manufactured four (4) or more years prior to presentation are not covered.
 - Loss of time, inconvenience, loss of use of the vehicle or consequential damage.

Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitations or exclusion may not apply to you. Any tire, no matter how well constructed, may fail in service or otherwise become unserviceable due to conditions beyond the control of the manufacturer. This warranty is not intended as a representation that a tire failure cannot occur.

OWNER'S OBLIGATIONS

- a. You must present the tire to be adjusted to a Goodyear Auto Service Center or Goodyear Tire Dealer. (Please consult your telephone directory for locations.) Tires replaced on an adjustment basis become the property of The Goodyear Tire & Rubber Company.
- b. You must pay for taxes or any additional service you order at the time of adjustment.
- c. No claim will be recognized unless submitted on a Goodyear claim form (supplied by Goodyear dealer or Auto Service Center) completely filled out and signed by you, the owner of the tire presented for adjustment, or your authorized agent.

LEGAL RIGHTS

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

GOODYEAR TIRE LIMITED WARRANTY 27

THE WARRANTOR

The warrantor of Goodyear tires is The Goodyear Tire & Rubber Company, 1144 E. Market Street, Akron, Ohio 44316.

For Customer Assistance: 1-800-321-2136 (Nationwide)

SAFETY WARNING

Follow safety precautions and instructions contained in the Owner's Manual, tire placard in the vehicle or the Important Tire Safety Information in this booklet. Disregarding tire safety information may result in tire failure or explosion causing serious personal injury or death.

MICHELIN TIRE LIMITED WARRANTY

WHO IS COVERED

The owner of a Michelin Passenger or Light Truck tire which bears the Michelin name and complete DOT identification number.

WHAT IS COVERED AND FOR HOW LONG

Michelin Passenger and Light Truck tires, used in normal service on the vehicle on which they were originally fitted and in accordance with the maintenance recommendations and safety warnings contained in the owner's manual and in the Important Tire Safety Information Section of this booklet, are covered by this warranty against defects in workmanship and material for the life of the original usable tread, or 6 years from the date of purchase, whichever comes first. At that time, all warranties, express or implied, are terminated. The usable tread is the original tread down to the level of the tread wear indicators - 2/32nds of an inch (1.6mm) of tread remaining. Date of purchase is documented by new vehicle registration or tire sales invoice. If no proof of purchase, coverage will be based on date of manufacture.

WHAT IS NOT COVERED

Tires which become unserviceable due to:

- Road hazard injury (e.g., a cut, snag, bruise, impact damage, puncture, whether repairable or not);
- Incorrect mounting of the tire, tire/wheel imbalance, or improper repair;
- Underinflation, overinflation, improper maintenance or other abuse;
- Mechanical irregularity in the vehicle such as wheel misalignment resulting in uneven or rapid wear;
- Accident, fire, chemical corrosion, tire alteration, or vandalism;
- Ozone or weather cracking.

WHAT MICHELIN WILL DO PASSENGER AND LIGHT TRUCK TIRES

A tire which becomes unserviceable due to a condition covered by this warranty will be replaced with a comparable new Michelin tire, free of charge, when 2/32nds of an inch (1.6mm) or less of the original tread is worn, (or 25% or less, whichever is most beneficial to the user) and within 12 months of the date of purchase. Mounting and balancing of tires is included. The cost of any other service charges or applicable taxes are payable by the user.

When more than 2/32nds of an inch of original tread has been worn (or more than 25%, whichever is most beneficial to the user) or after 12 months from date of purchase, the user must pay the cost of a comparable new Michelin passenger or light truck replacement tire on a pro-rata basis. The dealer shall determine the charge by multiplying the percentage of the original usable tread worn by the current actual selling price at the adjustment location or the price on the current Michelin Base Price List, whichever is lower. This List is based on a predetermined price intended to fairly represent the actual selling price of the tire. The cost of mounting, balancing and any other service charges or applicable taxes are payable by the user.

(Continued on page 29)

WHAT THE CONSUMER MUST DO

When making a claim under the terms of this warranty, the consumer must present the tire to an authorized Michelin Dealer. To locate an Authorized Tire Dealer, check the yellow pages under "Tire Dealers - Retail."

The vehicle on which the tire was used should be available for inspection.

It is essential that you read and understand the safety and maintenance recommendations (see Safety Maintenance Information) for your tires.

CONDITIONS AND EXCLUSIONS

THISWARRANTYDOESNOTPROVIDECOMPENSATION FOR LOSS OF TIME, LOSS OF USE OF VEHICLE, INCONVENIENCE OR CONSEQUENTIAL DAMAGE.

TIRES PRESENTED FOR CLAIM REMAIN THE PROPERTY OF THE CONSUMER AND MICHELIN ACCEPTS NO RESPONSIBILITY FOR LOSS OF, OR DAMAGE TO, TIRES WHICH ARE IN THE CUSTODY OR CONTROL OF A MICHELIN TIRE DEALER FOR THE PURPOSES OF INSPECTION FOR WARRANTY ADJUSTMENT. IN THE EVENT OF A DISPUTED CLAIM, THE CONSUMER MUST MAKE THE TIRE AVAILABLE FOR FURTHER INSPECTION. NO MICHELIN REPRESENTATIVE, EMPLOYEE OR DEALER HAS THE AUTHORITY TO MAKE OR IMPLY ANY REPRESENTATION, PROMISE OR AGREEMENT, WHICH IN ANY WAY VARIES THE TERMS OF THIS WARRANTY.

THIS WARRANTY APPLIES ONLY IN THE UNITED STATES AND CANADA.

CONSUMER RIGHTS

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE AND PROVINCE TO PROVINCE.

SAFETY MAINTENANCE INFORMATION

Read your vehicle owners manual, the information on the sidewall of your tires, the vehicle tire information placard and the Important Tire Safety Information section of this booklet for essential safety and maintenance information.

THE WARRANTOR

The warrantor of Michelin Tires is Michelin North America, Inc. 1 Parkway South, P.O. Box 19001, Greenville, South Carolina 29602-9001.

For Customer Assistance: 1-800-TIRE HELP (800-847-3435) - U. S. 1-800-461-8473 - Canada (outside Quebec) 1-800-565-7638 - Canada (Quebec)

MICHELIN TIRE LIMITED WARRANTY 29

DANGER

Disregarding any of the safety precautions and instructions contained in the Owner's Manual or the Important Tire Safety Information in this booklet may result in tire failure or explosion causing serious personal injury or death.

PASSENGER TIRES AND LIGHT TRUCK TIRES LIMITED WARRANTY

Toyo Tire (U.S.A.) Corporation warrants Toyo brand passenger tires and light truck tires mounted on vehicles as original equipment for adjustable conditions as follows:

1. What is covered by the warranty:

Toyo brand passenger and light truck tires are warranted for adjustable conditions other than those listed under "What Is Not Covered" for the new original usable tread down to the treadwear indicators (2/32nd" tread remaining) or for 60 months from the date of manufacture, whichever comes first. The DOT serial number on the sidewall of the tire will be used to determine date of manufacture. This time limit does not apply to Toyo temporary spare tires. Presence of a manufacturing anomaly is not necessarily required to qualify for adjustment.

- (A) When *less than 25%* of the original usable tread of a radial tire, or less than 50% of the original usable tread of a temporary spare tire has been worn, the tire will be replaced with a new Toyo tire free of charge, including mounting and balancing. (Adjustments for ride disturbances or vibration, which cannot be corrected by balancing are only adjustable in the first 25% of usable tread.) Service charges or any applicable taxes are payable by you.
- (B) When more than 25% of the original usable tread of a radial tire, or more than 50% of the original usable tread of a temporary spare tire has been worn the user must pay for the cost of a replacement tire based on the amount of tread used. This is

calculated by dividing the number of 32nds of an inch used by the original usable tread depth and multiplying by the actual current dealer selling price. Service charges or any applicable taxes are payable by you.

2. What is not covered by the warranty:

(A) Mileage is not warranted.

- (B) Damage due to road hazards whether repairable or not (such as cuts, snags, bruises, impact or punctures, improper tire chains).
- (C) Irregular tread wear or rapid tread wear due to failure to rotate the tires at recommended intervals, or from vehicle misalignment.
- (D) Damage resulting from improper repair materials or procedures.
- (E) Damage from incorrect mounting or dismounting of the tire, incorrect wheel size, or failure to balance the tires.
- (F) Damage or uneven tread wear from incorrect inflation, overloading, fire, theft, defective mechanical conditions such as brakes, shocks, rims, wreck or collision, and willful damage or abuse.
- (G)Damage, corrosion, or rubber deterioration due to the use of oil-based chemicals, water-based sealers, balancing substances, or flammable gases.
- (H) Ride, balance, or vibration complaints after the first 25% of tread wear.
- Minor surface blemishes due to weathering and normal wear and tear which do not affect the serviceability of the tire.

- (J) Any tire which has been run to destruction while flat.
- (K) Tires used in commercial service.
- (L) Claims after 5 years from the date the tire was manufactured.
- (M)Tires on vehicles normally operated outside the United States.
- (N) Claims made by anyone other than the original retail purchaser of the vehicle.
- (O)Tires with the D.O.T. identification number removed or rendered illegible, or branded "used".
- (P) Any claim where the tire is not presented and available for Toyo's inspection.
- (Q)Any tire for which mileage and tire rotation records are not available or verifiable.
- (R) Any tires worn beyond the wear bars (less than 2/32" remaining tread).
- (S) Temporary spare tires used at speeds over 50 miles per hour.
- (T) Dealer service charges are not covered for routine or required maintenance of the tires such as alignments or rotation.

CONSUMER'S OBLIGATION

The consumer is responsible for proper tire care and maintenance:

- (1) Tires must be rotated every 7,500 miles or sooner if upon inspection, irregular or erratic tread wear is beginning to appear. Keep a record of the rotation.
- (2) The consumer must maintain the recommended

air pressure in the tires according to Nissan's recommendation.

- (3) The consumer must maintain the vehicle's alignment in accordance with Nissan's specifications.
- (4) The load capacity of the tires must not be exceeded.
- (5) The tire's maximum speed capability must not be exceeded.

TO MAKE A CLAIM UNDER THIS LIMITED WARRANTY

In the event that you make a claim under the terms of the warranty, you must:

- Present your tires, and your vehicle to an authorized Toyo Dealer. (Call consumer relations at (800) 442-8696 or check dealer locator at http://www.toyo.com for the nearest dealer location.)
- (2) Complete and sign the Toyo Standard Claim form provided by the dealer and leave the tire with the dealer for warranty processing.
- **NOTE:** For your convenience, your nearest authorized Nissan Dealership will also assist you with your tire service requirements or in obtaining tire warranty service from the tire manufacturer.

The consumer is entitled to an adjustment in accordance with the warranty that was in effect when the tire was installed on the vehicle as original equipment. The adjustment policy provides for replacement with a comparable new Toyo tire if a Toyo tire becomes unserviceable due to an adjustable condition verified by Toyo's inspection of the tire. Free replacement or a pro-rated charge depends on the remaining usable tread when the tire is presented for adjustment.

EXCLUSIONS AND LIMITATIONS

This warranty is limited to the 50 United States, and the District of Columbia. All implied warranties, including warranty of merchantability or fitness for a particular purpose are expressly limited to the duration of this warranty. All obligations or liabilities for incidental or consequential damages are hereby excluded (such as loss of time, loss of use of vehicle, towing charges or road service or inconvenience). Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. No Toyo employee, representative or dealer has the authority to make or imply any representation, promise or agreement which in any way varies the terms of this warranty. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Important: In accordance with Federal Law, this warranty has been designated as a "Limited Warranty". Nothing in this warranty is intended to be a representation that tire failures cannot occur.

THE WARRANTOR

The warrantor of Toyo Tires is Toyo Tire U.S.A. Corp., 6415 Katella Ave., Suite 200, Cypress, CA 90630.

IMPORTANT SAFETY AND MAINTENANCE INFORMATION!

Any tire, no matter how well constructed, can fail as a result of punctures, impact damage, improper inflation or other conditions resulting from use. Tire failures may create a risk of property damage or personal injury. To reduce the risk of tire failure, we strongly recommend the following:

WARNING!

SERIOUS INJURY MAY RESULT FROM:

- Tire failure due to underinflation, vehicle overloading, or use in excess of legal speeds – follow owner's manual or tire information placard in your vehicle.
- Explosion of tire/rim assembly due to improper mounting – only specially trained persons should mount tires.

Refer to Important Tire Safety Information and instructions contained in this booklet, the tire placard in the vehicle or the Owner's Manual.

32

ORIGINAL EQUIPMENT TIRE LIMITED WARRANTIES

WHO IS THE WARRANTOR

The warrantor of the tires supplied as original equipment on your new Nissan vehicle is the tire manufacturer or tire distributor of your specific tires. Nissan is **NOT** the warrantor of your original equipment tires. The warrantor for each of the tire brands which may be installed as original equipment on your new Nissan is listed below.

BFGoodrich Tires
 P.O. Box 19026
 Greenville, South Carolina 29602-9026
 1-877-788-8899

Bridgestone and Firestone Tires Bridgestone/Firestone, Inc.

Attn: Technical Services One Bridgestone Park Nashville, Tennessee 37214 **1-800-TIREBSA** (1-800-847-3272)

Continental General Tire, Inc.

1800 Continental Blvd. Charlotte, North Carolina 28273 1-800-847-3349 1-800-461-1776 (In Canada) http://www.contigentire.com

Goodyear Tire & Rubber Company (Goodyear and Dunlop Tires)

1144 E. Market Street Akron, Ohio 44316 **1-800-321-2136**

Michelin North America, Inc.

1 Parkway South P.O. Box 19001 Greenville, South Carolina 29602-9001 **1-800-TIRE HELP** (1-800-847-3435) - U. S. **1-800-461-8473** - Canada (outside Quebec) **1-800-565-7638** - Canada (Quebec)

Toyo (U.S.A.) Corporation 6415 Katella Ave., Suite 200 Cypress, California 90630 1-800-442-8696 http://www.toyo.com

WHAT IS COVERED

The tire manufacturer's warranty for the specific tires supplied as original equipment on your vehicle may be found on the preceeding pages.

Please refer to the following pages for important safety information.

WHAT YOU MUST DO

To obtain information on tire warranties and tire dealer service locations or for customer service, contact the appropriate warrantor listed above.

In order to obtain warranty service, you must present the unserviceable tire to an authorized Nissan dealer or to an authorized dealer of the warrantor in the United States or Canada. Their names and addresses are listed in your local telephone directory. Your Nissan dealer will also assist you with your tire service requirements or in obtaining tire warranty service from the tire manufacturer. IMPORTANT TIRE SAFETY INFORMATION*

Any tire, no matter how well constructed, may fail due to improper maintenance or service factors. This could create a risk of property damage and serious or fatal injury. Disregarding any of the safety precautions and instructions contained in this manual may result in tire failure or explosion causing serious personal injury or death. For your safety, comply with the following:

TIRE INFLATION

Keep tires inflated to the pressures recommended on the tire data placard. (See your OWNER'S MANUAL for location.) These inflation pressures must be maintained as a minimum. However, do not exceed the maximum pressure rating indicated on the tire sidewall.

CHECK INFLATION PRESSURES ON ALL YOUR TIRES, INCLUDING THE SPARE, WHEN TIRES ARE COLD, AT LEAST ONCE A MONTH BEFORE DRIVING.

Failure to maintain correct inflation may result in improper vehicle handling and may cause rapid and irregular tire wear, sudden tire destruction, loss of vehicle control and serious personal injury. Therefore, inflation pressures should be checked at least once a month and always prior to long distance trips.

Pressures should be checked when tires are cold. The tires are cold when your vehicle has been driven less than a mile at moderate speed after being stopped for three or more hours.

CHECKING PRESSURE WHEN TIRES ARE HOT

If you must add air when your tires are hot, add four pounds per square inch (psi) (28kPa) above the recommended cold air pressure. Recheck the inflation pressure when the tire is cold.

For Example Only:

Gauge reading of hot tire: 32psi If recommended pressure is: 30psi Desired gauge reading of hot tire 30 + 4psi = 34psi

Check cold pressures as soon as possible, at least by the next day. Never "bleed" air from hot tires as your tire will be underinflated. Use an accurate tire gauge to check pressures. Never allow children to air up tires.

DRIVING ON ANY TIRE THAT DOES NOT HAVE THE CORRECT INFLATION PRESSURE IS DANGEROUS. For replacement tires, the correct inflation pressure will be provided by your tire dealer, if not, refer to the vehicle decal

Underinflation produces extreme flexing of the sidewalls and builds up heat which may result in sudden tire destruction and serious personal injury. Overinflation can cause the tire to be more susceptible to impact damage.

LOAD LIMITS

DONOTOVERLOAD.DRIVINGONANYOVERLOADED

TIRE IS DANGEROUS. Never load your tires beyond the load carrying limits molded into the sidewall of the tires or the maximum vehicle load limit as shown on the vehicle tire data placard, whichever is less. Overloading causes heat to build up which can lead to sudden tire failure and serious personal injury.

SPEED LIMITS AND SPEED RATED TIRES

HIGH SPEED DRIVING CAN BE DANGEROUS.

Never operate your vehicle in excess of lawful speeds or the maximum speeds justified by the driving conditions. Excessive speeds or racing can cause heat buildup in a tire leading to possible failure and serious personal injury.

Correct inflation pressure is especially important.

However, at high speeds, even with the correct inflation pressure, a road hazard, for example, is more difficult to avoid and if contact is made, there is a greater chance of causing tire damage than at the lower speed. Moreover, driving at high speed reduces the reaction time available to avoid accidents and bring your vehicle to a safe stop. If you see any damage to a tire or wheel, replace it with your spare tire and see your tire dealer at once.

Tire speed ratings do not imply that a vehicle can be safely driven at the maximum speed for which the tire is rated. In addition, some damages or improper repairs may cause a speed-rated tire to lose its speed rating. Exceeding the tire's maximum speed rating will cause the tire to build up excessive heat which can cause tire damage that could result in sudden tire destruction and rapid air loss. Failure to control a vehicle with sudden air loss can lead to an accident. In any case, you should not exceed reasonable speeds as indicated by the legal limits and driving conditions.

(Continued on page 34)

SPEED SYMBOLS - are shown on the sidewall of some tires. The following table shows the maximum speed corresponding to the symbol.

SPEED RATINGS		
⁺ Speed Rating	Speed mph	Maximum km/Hr
М	81	130
Ν	87	140
Р	93	150
Q	99	160
R	106	170
S	112	180
Т	118	190
Н	130	210
V*	149	240
Z**	149	240

*Some V (or VR) rated tires may have a speed capacity of greater than 149 mph (240 km/h). Consult your tire manufacturer for maximum speed ratings if your vehicle capability exceeds this speed.

****Z** (or ZR) rated tires are designed for use on cars with maximum speed capabilities in excess of 149 mph (240 km/h). Consult your tire manufacturer for maximum speed capabilities.

[†]Although a tire may be speed rated, we do not endorse the operation of any vehicle in an unsafe or unlawful manner.

Speed ratings are based on laboratory tests which relate to performance on the road, but are not applicable if tires are underinflated. overloaded. worn out. damaged. altered. improperly repaired, or retreaded. Furthermore, tire speed ratings do not imply that vehicles can be safely driven at the maximum speed for which the tire is rated, particularly under adverse road and weather conditions or if the vehicle has unusual characteristics. Most highway passenger tires that do not have a speed symbol in the sidewall have a maximum speed rating of 105 mph. Light truck highway tires that do not have a speed symbol on the sidewall of the tire have a maximum speed of 87 mph. Some light truck tires may have higher maximum speeds; consult your tire dealer. The speed and other ratings of retreaded tires are assigned by the retreader and voids the original manufacturer's ratings.

IMPORTANT: In order to maintain the speed capability of the vehicle, replacement tires must have speed ratings equal to or higher than those fitted as original equipment (as indicated on the vehicle placard or owners manual). If tires with lower speed ratings are fitted, the speed capability of the vehicle will be lowered to the maximum speed capability of the replacement tire as indicated on the above table.

Remember...High speed driving can be dangerous and may be damaging to your tires.

And...When driving at highway speeds, correct inflation pressure is especially important.

Contact the manufacturer of your tires for their position and assistance on the repair of speed-rated tires. When you are replacing tires that have a speed rating, you must replace with tires of the same or higher speed rating if the speed capability of the vehicle is to be maintained.

VISUAL INSPECTION INSPECT YOUR TIRES. DO NOT DRIVE ON A DAMAGED TIRE OR WHEEL, Check your tires frequently

DAMAGED THE OR WHEEL. Check your tires frequently for scrapes, bulges, separations, cuts, snags, cracks, penetrations or excessive localized wear from hard braking. Also check for abnormal tire wear, particularly on the edges of the tire tread which may be caused by misalignment or underinflation. Impacts can damage the inner portion of the tire without being visible on the outside. If damage can be seen on the tires or wheels, or if you suspect that possible impact damage may have occurred, replace with spare at once and have your tire store or dealer inspect your tires immediately. Use of a damaged tire could result in tire destruction. When inspecting your tires, including the spare, check your air pressures. If your pressure check indicates that one of your tires has lost pressure of two pounds or more, look for signs of penetrations, valve leakage, or wheel damage that may account for the air loss.

All tires will wear out faster when subjected to high speeds as well as hard cornering, rapid starts, sudden stops, frequent driving on roads which are in poor condition, and off-road use. Roads with holes and rocks or other objects can damage tires and cause misalignment of your vehicle. When you drive on such roads, drive on them carefully and slowly, and before driving again at normal or highway speeds, examine your tires for any damage, such as cuts, bulges, penetrations, unusual wear patterns, etc.

(Continued on page 35)

^{*} Provided by and published at the request of the tire manufacturers/warrantors.

IMPORTANT TIRE SAFETY INFORMATION* 35

TREAD WEAR INDICATORS (WEAR BARS): Tires contain Tread Wear Indicators (Wear Bars) in the grooves of the tire tread which show up when only 2/32nds of an inch (1.6mm) of tread is remaining. At this stage, your tires must be replaced. Tires worn beyond this stage are dangerous.

HAZARDS

Objects in the road that threaten a tire should be safely avoided. These objects are potholes, glass, metal, rocks, wood debris and the like. Unavoidable contact should prompt a thorough tire inspection.

You may not always recall hitting an object that can damage or injure your tires. If while driving your vehicle experiences any unusual vibrations, ride disturbance or noise and/or you suspect that possible damage to the tires or vehicle has occurred. DO NOT JAM OR LOCK YOUR BRAKES? Rather reduce your speed and drive with caution until you can safely pull off the road. Stop and inspect the tires. If the tire is underinflated or damaged, deflate, remove the tire and rim assembly and replace it with your spare. If you cannot detect a cause, have the vehicle towed to the nearest vehicle or tire dealer to have the vehicle inspected.

REPAIRING, MOUNTING AND DEMOUNTING OF TIRES

Do not attempt to repair, mount or demount a tire yourself. Tire changing can be dangerous and must be done by professionally trained persons using proper tools and procedures as specified by the Rubber Manufacturers Association (RMA). Follow these mounting recommendations. Your tires should be mounted on wheels of correct size and type and which are in good, clean condition. Bent, chipped or rusted wheels may cause tire damage. The inside of the tire must be free from foreign materials. Have your dealer check the wheels before mounting new tires. Mismatched tires and rims can explode during mounting. Also, mismatched tires and rims can result in dangerous tire failure on the road. If a tire is mounted by error on the wrong-sized rim, do not remount it on the proper rim - scrap it. It may be damaged internally (which is not externally visible) by being dangerously stretched and could fail on the highway.

Old valves may leak. When new tubeless tires are mounted, have new valves of the correct type installed. Tubeless tires must be mounted only on wheels designed for tubeless tires, i.e., wheels which have safety humps or ledges.

Never perform a temporary repair, use an innertube or inject sealant as a permanent substitute for a proper repair. Only qualified persons should repair tires.

Be sure that all your valves have suitable valve caps. This will keep valve cores clean and clear and guard against leakage.

REPAIRS - WHENEVER POSSIBLE, SEE A TIRE DEALER AT ONCE. Some tire manufacturers do not warrant any inspection or repair process. The repair is entirely the responsibility of the repairer. Punctures in the tread of a passenger tire which do not exceed 1/4 of an inch (6mm) in diameter can usually be repaired by following the Rubber Manufacturer's Association (RMA) Passenger and Light Truck Repair procedures. Contact the manufacturer of your tires for its position and assistance as to the acceptable location for a proper repair and the repair of speed rated tires. Do not use plug repairs. They may cause further damage to the tire. They are not always air tight and the plug may fail. Do not exceed posted speed limits on any repaired tire. Certain tire manufacturers speed ratings are voided if the tire is repaired.

Although a tire was properly repaired, internal structural damage resulting from the puncture may have occurred. Sometime later the damage may cause the tire to be removed from service.

If the tire has a puncture in the tread which exceeds 1/4 inch (6mm), the tire must be replaced. If any tire has sustained a puncture, have the tire inspected internally by a tire dealer for possible damage that may have occurred.

Improper mounting and inflation procedures can cause an explosion of the tire/rim assembly. Only specially trained persons should perform these tasks. Contact your tire store or dealer for assistance.

CAUTION - Never, under any circumstance, introduce a flammable substance into a tire.

WHEEL ALIGNMENT AND BALANCING

Wheel alignment and balancing are important for safety and maximum mileage from your tires. Check how your tires are wearing at least once a month. If your tires are wearing unevenly, such as the inside shoulder of the tire wearing faster than the rest of the tread, or if you detect excessive vibration, your vehicle may be out of alignment or balance. These conditions not only shorten the life of your tires, but adversely affect the handling characteristics of your vehicle which could be dangerous. If you detect irregular wear or vibration, have your alignment and balance checked immediately. Tires which have been run underinflated will show more wear on the shoulders than in the center of the tread.

^{*} Provided by and published at the request of the tire manufacturers/warrantors.

36

IMPORTANT TIRE SAFETY INFORMATION*

HARD BRAKING

You must inspect your tires after any hard braking circumstances or after tires have slid on the pavement. This can cause a flat spot in a section of the tire tread.

TIRE SPINNING

Never spin your tires above a speedometer reading of 35 mph (55 km/h) if your vehicle becomes stuck. The centrifugal force generated by the free spinning tire/wheel assembly may cause a sudden tire explosion, resulting in vehicle damage and/or serious personal injury or death. Never allow anyone to stand near or behind a tire spinning at high speed while attempting to push a vehicle that is stuck. When in mud, sand, snow, ice or other slippery conditions, do not indulge in excessive wheel spin. In such conditions, with automatic transmission vehicles, by accelerating the engine excessively, it is possible to spin one of the drive tires beyond its speed capability. This is also true when balancing a drive tire/wheel assembly using the engine of the vehicle to spin the wheel.

TIRE TREAD

Tires must be replaced when the depth of the tread reaches 2/32 inch (1.6 mm). Tires are manufactured with tread wear indicators molded into the tire grooves which indicate tread wearout. As tires approximate 2/32 inch (1.6 mm) wearout, the tread gauge becomes thinner and more vulnerable to the effects of road hazards. Also, worn tires are more subject to hydroplaning, which can cause loss of control. Therefore, visual tire inspection becomes more crucial as the tires wear out.

WORN TIRES

Never drive on worn tires. Tires should be replaced by trained personnel when 2/32nds of an inch tread depth remains, as indicated by the tread wear indicators molded into the tread grooves. In most states, it is illegal to drive with less than 2/32nds of an inch of tread remaining.

TIRE MIXING

For best performance select tires similar in size and load rating to the original equipment tires. It is recommended that the same size and type of tire be used on all four wheel positions. In certain tires, casing ply material and ply construction may vary as indicated on the sidewall of the tire. When changing or replacing tires, it is preferred that all four tires are the same construction type (i.e., High Performance, All Season, Mud & Snow) and construction (Radial or Bias Ply). Before mixing tires of different types on a vehicle in any configuration, be sure to check the vehicle owner's manual for its recommendations.

Tires which meet the Rubber Manufacturer's Association (RMA) definition of mud and snow tires are marked M/S, M+S, M&S. On such tires, this designation is molded into the sidewall. Tires without this notation are not recommended for mud and/or snow driving.

If snow tires are needed, it is necessary to select tires equivalent in size and load rating to the original equipment tires. Always fit performance snow tires in sets of four (4) for optimum mud & snow traction and maintenance of vehicle handling characteristics. If you do not, it may adversely affect the safety and handling of your vehicle. It is also important to check the vehicle owner's manual before mixing or matching tires on 4-wheel drive vehicles as this may require special precautions. Please refer to your Owner's Manual for more information on tire replacement precautions.

TIRE ROTATION

Tires on your Nissan vehicle should be rotated every 7,500 miles or as irregular wear develops. If irregular wear becomes apparent or if the wear rate on the tires is perceptibly uneven. the tires should be rotated in such a way to alleviate the problem. Check your vehicle for any mechanical problems and correct if necessary. Any rotation pattern or procedure may be followed including those indicated in the Owner's Manual. Some tires have arrows on the sidewall showing the direction in which the tire should turn. When rotating this type of tire, care must be taken to maintain the proper turning direction as indicated by the arrows. Some vehicles have different tire sizes specified for front and rear axles. Tires on these vehicles should not be rotated side to side (unless they are directional). Where a temporary type spare tire is available, it should not be included in the tire rotation schedule. Such tires are intended for temporary use only. Whenever only two tires are replaced, the new tires should be put on the rear axle of vehicles equipped with the same size tire on all four wheel positions.

(Continued on page 37)

^{*} Provided by and published at the request of the tire manufacturers/warrantors.

IMPORTANT TIRE SAFETY INFORMATION* 37

TRAILER TOWING

If you anticipate towing a trailer, you should see a tire dealer for advice concerning the correct size of tire and pressure. Tire size and pressure will depend on the type and size of the trailer and hitch utilized, but in no case must the maximum cold inflation pressure or the tire load rating be exceeded. Check the tire decal and your Owner's Manual for further recommendations on trailer towing.

TIRE ALTERATIONS

Do not perform any alterations on your tires. Alterations may prevent proper performance, leading to tire damage, which can result in an accident. Tires which become unserviceable due to alterations such as truing, whitewall inlays, addition of balancing or sealant liquids, may be excluded from warranty coverage. Consult your tire warranty.

HIGH PRESSURE TEMPORARY SPARE TIRES

- The high-pressure spare tire in your Nissan vehicle is designed for temporary use only and must not be used continually as a regular tire. The standard tire should be repaired and/or replaced as soon as possible.
- Avoid driving over obstacles that may damage the tire through impact or cutting, such as potholes, glass, metal, etc.

- Speed must not exceed 50MPH (80km/h) for nonspeed-rated temporary spare tires.
- 4) Temporary spare tires have a limited treadlife which can vary depending on road conditions and your driving habits. The spare tire should be returned to the trunk as soon as the standard tire can be repaired or replaced.
- Because the high-pressure spare tire was specifically designed for your car, it should not be used on any other vehicle.
- 6) Do not use snow chains on your high-pressure spare. This could cause damage to your vehicle.
- Check the tire's cold inflation pressure monthly and maintain at 60psi (4.2kg/cm²) even when not in use.
- 8) The high-pressure spare tire should not be used with any other rim nor should standard tires, wheel covers, or trim rings be used on the high-pressure spare tire rim which was originally installed.
- When the tread wear indicator appears on the tire, replace it only with the same type spare tire.
- 10) Do not enter an automatic carwash with a temporary spare tire fitted.
- 11) Do not make a sharp turn or apply the brakes suddenly when driving on a high-pressure temporary spare.
- **Note:** When using any temporary type spare tire, be sure to follow the vehicle Owner's Manual instructions.

TIRE STORAGE

All tires should be stored in a cool dry place indoors so that there is no danger of water collecting inside them.

When tires are stored they should be stored in a cool place away from sources of heat and ozone such as hot pipes and electric generators. Be sure that surfaces on which tires are stored are clean and free from grease, gasoline or other substances which could deteriorate the rubber. (Tires exposed to these materials during storage or driving could be subject to sudden failure.)

To Avoid Damage to your Tires and Possible Accident:

- Check tire pressure at least once a month when tires are cold and before long trips.
- Do not underinflate/overinflate.
- Do not overload.
- Drive at moderate speeds, observe legal limits.
- Avoid driving over potholes, obstacles, curbs or edges of pavement.
- Avoid excessive wheel spinning.
- If you see any damage to a tire, replace with spare and see the tire manufacturer's dealer or your Nissan dealership.

For further information, the *Consumer Tire Guide* on passenger tire care, safety and mileage performance is available in the United States by writing the Tire Industry Safety Council, Box 1801, Washington, D.C. 20013.

^{*} Provided by and published at the request of the tire manufacturers/warrantors.

LIMITED WARRANTY ON GENUINE NISSAN REPLACEMENT PARTS, GENUINE NISMO S-TUNE PARTS, AND GENUINE NISSAN ACCESSORIES

WHAT IS COVERED

Nissan* warrants to correct defects in materials or workmanship in all genuine Nissan replacement parts, Genuine NISMO S-tune parts, and Genuine Nissan accessories, distributed by Nissan North America in the United States, installed and used on Nissan or Infiniti (if an appropriate use and application of the part, accessory, or Genuine NISMO S-tune part) vehicles only, except as described under the caption below, "WHAT IS NOT COVERED."

This warranty covers any repairs needed to correct defects in materials or workmanship. Bedliners will be repaired to commercially acceptable standards subject to the conditions and limitations listed in "WHAT IS NOT COVERED."

* Nissan indicates Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003 which distributes and provides consumer services for Nissan Vehicles in the United States.

HOW LONG IS THE WARRANTY

Except for replacem ent audio components, this warranty is for 12 months or 12,000 miles from the date of installation or purchase, whichever is earlier. However, the warranty on Genuine Nissan replacement parts, Genuine NISMO S-tune parts, and Genuine Nissan accessories installed in a Nissan or Infiniti vehicle while the vehicle is covered by a Nissan warranty, which would have covered the part had it been installed in the vehicle at manufacture, will not end before the end of that warranty.

REPLACEMENT AUDIO COMPONENTS

A replacement Radio, Tape Deck, Amplifier or Compact Disc Player/Auto Changer supplied by Nissan is covered for 12 months/unlimited mileage from the time of installation or the balance of the Basic Vehicle Warranty as it applies to audio components, whichever is greater.

WHAT IS NOT COVERED

This warranty does not cover:

- 1. Tires or batteries. These items are covered by separate warranties.
- Nissan Motorsports and NISMO R-tune parts, including NISMO Legacy parts are sold "AS IS" without warranties, express or implied unless expressly prohibited from doing so by applicable law, in which case the warranty provided is the minimum required by law.
- 3. Normal maintenance service and parts replacement as outlined in the maintenance schedule of your OWNER'S MANUAL.
- 4. Damage or failures of parts resulting from:
 - Misuse (your OWNER'S MANUAL is your guide to proper use).
 - Accident, theft, fire, driving through water resulting in engine water ingestion.
 - Chemical fallout, tree sap, salt, sand, hail, flood or other environmental conditions.
 - Modification or improper repair of the part or of the vehicle in which the part is installed.
 - Use of parts not equivalent in quality or design to parts supplied by Nissan.
 - Lack of performance of required maintenance services as outlined in your OWNER'S MANUAL.
 - · Use of improper or dirty fuel, fluids or lubricants.
 - Normal wear and tear, including dings, dents, dents, chips or scratches.

5. SALVAGE TITLE. This warranty does not cover damage, failures or corrosion to any Nissan replacement part, Genuine NISMO S-Tune Part, or Genuine Nissan Accessory, installed in the vehicle, if the vehicle is issued a "salvage" or similar title. (This exclusion does not extend to new Genuine Nissan replacement parts, NISMO S-tune parts or Genuine Nissan accessories, installed in a Nissan or Infiniti vehicle after the issuance of a "salvage" or similar title.)

WHAT YOU MUST DO

In order to obtain warranty service you must deliver the warranted part or accessory, or the vehicles, on which the part or accessory is installed, to an authorized Nissan or Infiniti dealer in the United States or Canada at your expense with proof of purchase (parts invoice or service repair order from an authorized Nissan or Infiniti dealer).

(Continued on page 39)

LIMITED WARRANTY ON GENUINE NISSAN REPLACEMENT PARTS. GENUINE NISMO S-TUNE PARTS, AND GENUINE NISSAN ACCESSORIES

LIMITATION OF WARRANTIES AND OTHER WARRANTY TERMS AND STATE LAW RIGHTS

EXTRA EXPENSES - LIMITATIONS OF DAMAGES

This warranty does not cover incidental or consequential damages such as loss of the use of the vehicle, inconvenience or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

The names and addresses of authorized Nissan and Infiniti dealers are listed in telephone directories.

You must also pay for labor charges to remove and replace the part or accessory if it was not originally installed on your vehicle by an authorized Nissan or Infiniti dealer.

WHAT NISSAN WILL DO

If the part or accessory to be repaired was originally installed by an authorized Nissan or Infiniti dealer, it will be removed and reinstalled after repair at no charge for parts and labor. If the part or accessory was not installed by an authorized Nissan or Infiniti dealer, the part or accessory will be repaired or exchanged only. Any needed parts replacement or exchange will be made using new or remanufactured parts at Nissan's option.

WHAT IS COVERED

Nissan² warrants to the first retail purchaser ("Original Repairing Vehicle Owner"), that Nissan will either repair or replace the Genuine Nissan Outer Sheet Metal Panels you install or have installed on your Nissan vehicle should the purchased panels develop inside out rust-through corrosion perforation. Replacement sheet metal panels must be installed on vehicles owned and operated in the United States and Canada. Nissan warrants to the Original Repairing Vehicle Owner that the replacement and refinishing of panels will be carried out at no cost to the Original Repairing Vehicle Owner subject to the exclusions listed.

WHAT IS NOT COVERED

This warranty becomes void when damage results from:

- Accidents, collision, faulty installation, or any alteration to the panel, panels, or vehicle that could be reasonably expected to affect the performance of the covered panels.
- 2. Environmental pollution or conditions, including acid rain, hail, or lightning.
- 3. Vehicle neglect, abuse, or use of the vehicle for unintended purposes.
- 4. Stone chips, scratches, or other paint damage that lead to surface rust damage.
- Cleaning and polishing agents, chemicals, and solvents, including improper undercoating or use of other rust prevention materials.

WHAT YOU MUST DO

The purchaser must present the Nissan Lifetime Replacement Panel Corrosion Warranty Form, original

¹ The actual warranty is provided with the product purchased and should be read carefully.

² Nissan indicates Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003, which distributes Nissan vehicles in the United States.

receipts and/or repair orders, and personal identification to a Nissan dealership in order to invoke this warranty. The dealership will then authorize the replacement of the panels at a Nissan dealership's collision repair shop or an independent collision repair shop.

WHAT NISSAN WILL DO

Nissan will pay for the cost of the repair, including parts, labor, paint, and supplies necessary to repair or replace and refinish the panels purchased.

The repair may be completed at an authorized Nissan dealership's collision repair shop or an independent collision repair shop that will install Genuine Nissan replacement parts. Whether a Nissan dealership collision repair shop or independent collision repair shop completes the repair, only authorized Nissan dealership personnel or authorized Nissan personnel can approve a repair or replacement under this warranty.

LIMITATION OF WARRANTIES AND OTHER WARRANTY TERMS AND STATE LAW RIGHTS

EXTRA EXPENSES - LIMITATIONS OF DAM-AGES

This warranty does not cover incidental or consequential damages such as loss of the use of the vehicle, inconvenience or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

GENUINE NISSAN ORIGINAL EQUIPMENT MUFFLER, GENUINE NISSAN SHOCK ABSORBER AND STRUT LIFETIME LIMITED WARRANTY

WHAT IS COVERED AND FOR HOW LONG

Nissan* warrants to correct defects in materials or workmanship, or for failure due to normal wear and tear, of all replacement **Genuine Nissan Original Equipment muffler assemblies, Genuine Nissan** vehicle suspension system **shock absorbers** and **strut assemblies** installed on Nissan vehicles only, except as described under the caption below, "WHAT IS NOT COVERED". **THE LIFETIME FEATURE OF THIS WARRANTY APPLIES ONLY IF** the parts <u>are purchased</u> and paid for by the owner of the vehicle on which they are installed, and only if they are installed by an authorized Nissan dealer, for as long as the original purchaser of the replacement **muffler assembly, shock absorber** and/or **strut assembly** owns the Nissan vehicle on which the parts are installed.

IMPORTANT: The lifetime feature of this warranty does not apply to parts (a) paid for in whole or in part by Nissan, to include warranty replacement, campaigns or goodwill adjustments, or (b) which are paid for under the terms of any service contract. Such parts are instead warranted against defects in material or workmanship only (but not failure due to normal wear and tear) for 12 months or 12,000 miles from the date of installation or purchase, whichever is earlier. In no case shall the warranty from defects in material or workmanship end prior to the end of the applicable Nissan New Vehicle Limited Warranty on the Nissan vehicle on which the parts are installed, had the part(s) been installed in the vehicle at manufacture.

*Nissan indicates Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003 which provides consumer service for Nissan vehicles in the United States.

LIMITATION OF WARRANTIES AND OTHER WARRANTY TERMS AND STATE LAW RIGHTS

Extra Expenses - Limitations of Damages This warranty does not cover incidental or consequential damages such as loss of the use of a vehicle, substitute transportation, inconvenience or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with the part(s) subject to this express limited warranty.

WHAT IS NOT COVERED

This warranty does not cover:

- 1. Genuine Nissan Key Value® Muffler Assemblies.
- Shock absorbers and strut assemblies installed before July 1, 1999. Muffler assemblies installed before October 1, 1999.
- 3. Motorsports Parts and Genuine NISMO R-Tune parts are sold "AS IS" without warranties, express or implied unless expressly prohibited from doing so by applicable law, in which case the warranty is the minimum provided by law.

- 4. Damage or failure(s) of parts resulting from:
 - Misuse (your OWNER'S MANUAL is your guide to proper use.)
 - Accident, theft, fire, driving through water.
 - Salt, sand, flood or other environmental conditions.
 - Modification or improper repair of the part or of the vehicle in which the part is installed.
 - Use of parts not equivalent in quality or design to parts supplied by Nissan.
- 5. Salvage Title. This warranty does not apply and is rendered VOID if the vehicle is issued a "salvage," "flood," or similar title under any state's law after the part(s) is purchased unless state law expressly states otherwise. (This exclusion does not extend to new Genuine Nissan Original Equipment muffler assemblies, Genuine Nissan shock absorbers or strut assemblies purchased and installed in the vehicle after the issuance of a "salvage," "flood," or similar title.)

(Continued on page 42)

GENUINE NISSAN ORIGINAL EQUIPMENT MUFFLER, GENUINE NISSAN SHOCK ABSORBER AND STRUT LIFETIME LIMITED WARRANTY

WHAT YOU MUST DO

In order to obtain lifetime limited warranty service, bring your vehicle, proof-of-purchase (service repair order from an authorized Nissan dealer in the United States) and personal identification (driver's license, etc.) to any authorized Nissan dealer in the United States. The names and addresses of authorized Nissan dealers are listed in telephone directories.

WHAT NISSAN WILL DO

If the lifetime feature of this warranty applies to a Genuine Nissan Original Equipment **muffler assembly, shock absorber** or **strut assembly** it will be removed and reinstalled after repair at an authorized Nissan dealer at no charge for parts or labor.

Otherwise a warranted Genuine Nissan Original Equipment **muffler assembly, shock absorber** or **strut assembly** will be <u>exchanged only unless</u> you can provide proof that it was originally installed by a Nissan dealer, in which case it will be removed and reinstalled after repair at no charge to you for parts or labor during the term of the warranty. Any needed parts replacement or exchange will be made using new or remanufactured parts at Nissan's option.

REPLACEMENT BATTERY LIMITED WARRANTY

WHAT IS COVERED?

Nissan * Warrants your Genuine Nissan Replacement Battert as described below except as stated under "What is not covered?"

This warranty covers defects in materials and workmanship.

HOW LONG IS THE WARRANTY AND WHAT WILL NISSAN DO

Nissan will replace your battery without charge if it becomes unserviceable within the first 24 months of service.

If the battery becomes unserviceable after 24 months of use, Nissan will provide a replacement battery at a reduced price, charging only for the portion of the life of the battery actually used. This is called a "pro-rata adjustment". Nissan will pay for all labor charges in replacing the battery if it was originally installed by an authorized Nissan dealer.

This warranty and the "pro-rata adjustment" end 84 months after the date of the battery's purchase or installation, whichever is earlier.

WHAT IS NOT COVERED?

This warranty does not cover:

- 1. Damage or failure resulting from:
 - Accident, theft, fire or freezing.
 - Misuse of the battery or vehicle in which it is installed, including the use in applications for which the battery was not designed. Proper use is described in the vehicles Owner's Manual.
 - Improper installation or battery charging.
 - Vehicle electrical malfunctions not covered by your New Vehicle Limited Warranty.

- Modification or improper repair of the vehicle or a part of the vehicle.
- Use of parts not equivalent in quality or design to parts supplied by Nissan.
- Environmental conditions, including, but not limited to flood, and salt spray or salt water.
- Normal maintenance service and recharging of discharged batteries.
- 3. Batteries in service more that 84 months.
- 4. Salvage Title. This warranty does not cover damage, failure, or corrosion to any Genuine Nissan battery installed in the vehicle, if the vehicle is issued a "salvage " or similar title under any state's law, and this warranty is rendered void for any battery installed in a vehicle prior to the vehicle being issued a "salvage" or similar title unless state law expressly states otherwise. (This exclusion does not extend to a new Genuine Nissan battery installed in the vehicle after the issuance of a "salvage" or similar title).

WHAT YOU MUST DO

In order to obtain warranty service, you must deliver the warranted battery or the vehicle in which the battery is installed to an authorized Nissan dealer in the U.S. or Canada at your expense, with proof of purchase (parts invoice or service repair order from an authorized Infiniti dealer). The names and addresses of authorized Nissan dealers are listed in telephone directories or <u>www.NissanUSA.com</u>

If the "pro-rata adjustment" applies, you must pay for the portion of the 84 month warrantable life that you actually used. The amount you pay is computed in two steps. First, the customer pay percentage is determined from the chart shown below based upon the months of actual battery service.

Months	Customer Pay
In Service	Percentage
0-24	0%
25-32	25%
33-50	50%
51-84	75%

Second, the current suggested retail price of the new battery is multiplied by the customer pay percentage. For example, should the battery fail after 40 months of service you would pay 50% of the suggested retail price of the new battery.

You must also pay for the labor charge to remove and replace the battery if it was not originally installed in your vehicle by an authortized Nissan Dealer.

LIMITATION OF WARRANTIES AND OTHER WARRANTY TERMS AND STATE LAW RIGHTS

EXTRA EXPENSES-LIMITATIONS OF DAMAGES

This warranty does not cover incidental or consequential damages such as, but not limited to, loss of wages or loss of use of the vehicle, inconvenience, or commercial loss.

ANY IMPLIED WARRANTY OF MERCHANT-ABILITY AND FITNESS FOR A PARTICU-LAR PURPOSE IS LIMITED TO THE DURA-TION OF THE LIMITED WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Nissan does not authorize any person to create for it any other warranty, obligation or liability in connection with this vehicle.

* NISSAN indicates Nissan North America, Inc. PO Box 685003, Franklin, TN 37068-5003, which distributes Nissan vehicles and provides related consumer services in the United States of America

4 GENUINE NISSAN PARTS AND ACCESSORIES

Nissan North America, Inc. and your Nissan dealer realize that there are numerous sources for parts and accessories in today's automotive parts aftermarket. However, Genuine Nissan parts and accessories are designed and manufactured to meet the same factory fit, performance and quality specifications of your Nissan vehicle.

The Parts Department of your Nissan dealership maintains a complete inventory of high quality Genuine Nissan new and remanufactured replacement parts - parts that are backed by one of the most comprehensive parts warranties available in the automotive industry today.

To ensure that your warranty, maintenance and repair parts requirements are satisfied as quickly as possible, Nissan and the Nissan dealer organization maintain a combined inventory consisting of several hundred million dollars worth of readily available parts and popular accessories. In the event a critical part is required that is not stocked by your local dealership, Nissan's ordering system includes a computerized means of ensuring the quickest possible shipment to Nissan dealers by the use of expeditious handling and premium transportation - all of which is supported by one of the most extensive and efficient parts distribution systems in the United States.

Two Nissan North America, Inc. Regional Parts Distribution Centers stock approximately 32,000 different parts and each of five additional Area Parts Distribution Centers service over 61,000 part numbers. Nissan's Master Parts Distribution Center in Compton, California maintains an inventory of 150,000 low volume part numbers and services all Nissan dealers nationally. All Nissan parts distribution facilities are linked via a sophisticated computer search and order system to ensure coordinated parts ordering, inventory and distribution of available parts.

The Nissan name represents quality and a commitment to your satisfaction as a valued customer. So when you select parts or accessories for your Nissan vehicle, see your Nissan dealer. Only Nissan builds Nissan replacement parts and accessories to exact factory specifications.

RECOMMENDATION FOR MAINTENANCE SERVICE AND REPLACEMENT PARTS FOR YOUR VEHICLE'S EMISSION SYSTEM

To assure best results and to maintain the original quality built into the emission control systems, it is recommended that genuine Nissan parts be used when servicing or repairing the systems. THE WARRANTY OBLIGATIONS ARE NOT DEPENDENT UPON THE USE OF ANY PARTICULAR BRAND OF REPLACEMENT PARTS AND THE OWNER MAY ELECT TO USE NON-GENUINE NISSAN PARTS FOR REPLACEMENT PURPOSES. The use of replacement parts which are not equivalent to genuine Nissan parts may reduce the effectiveness of the emission control system.

Therefore, if it becomes necessary to use other than genuine Nissan parts, the owner should assure himself that such parts are warranted by their manufacturer to be equivalent in quality to genuine Nissan parts.

MAINTENANCE, REPLACEMENT OR REPAIR OF THE EMISSION CONTROL DEVICES AND SYSTEMS MAY BE PERFORMED BY ANY AUTOMOTIVE REPAIR ESTABLISHMENT OR INDIVIDUAL USING ANY REPLACEMENT PART.

HOWEVER, UNLESS OTHERWISE AUTHORIZED BY LAW, WARRANTY SERVICE MUST BE PERFORMED BY AN AUTHORIZED NISSAN DEALER.

The emission standards may be satisfied by having the vehicle inspected periodically and by following the requirements outlined in your OWNER'S MANUAL and your NISSAN SERVICE MAINTENANCE GUIDE.

CORROSION PROTECTION GUIDELINES 45

In order to help protect your vehicle against corrosion, it is important that you care for your vehicle regularly, following these suggestions:

- Wash your vehicle regularly using cold clean water and a mild vehicle wash soap.
- If insects, tar or other similar deposits have accumulated on your vehicle, wash it as soon as possible.
- If you drive on salted or dust controlled roads, or if you drive near the ocean, hose off the under carriage at least once a month.
- It is important that the drain holes in the lower edges of the doors and rocker panels be kept clear.

- If you detect any stone chips or scratches in the paint, touch them up immediately.
- If you do much driving on gravel roads, consider installing mud or stone shields behind each wheel.
- If your Nissan is damaged due to an accident or similar cause which destroys the paint and protective coating, have your vehicle repaired as soon as possible. The cost of such repairs is considered the responsibility of the owner.
- This corrosion warranty does not cover non-genuine sheet metal parts or damage caused by the installation of such non-genuine sheet metal parts.

SEE YOUR OWNER'S MANUAL FOR FURTHER DETAILS.

46 NISSAN'S SECURITY+PLUS® VEHICLE PROTECTION PLAN



LONG TERM MECHANICAL PROTECTION FOR YOUR NISSAN...

For extra peace of mind you can add Nissan's own Security+Plus® Vehicle Protection Plan which provides you with long term mechanical protection. Backed by Nissan, and designed exclusively for Nissan owners, Security+Plus® is available from your Nissan dealer in a variety of comprehensive coverages. Just a few of its major features:

- With Security+Plus[®] you can choose from a full spectrum of term options to fit your ownership (time) and driving (mileage) needs.
- Repairs can be performed at participating Nissan dealerships throughout the U.S., excluding U.S. Territories. Repairs at these dealerships are performed by factory trained technicians using Genuine Nissan parts, to keep your vehicle in top running condition.
- All new Security+Plus[®] Service Agreements are transferable to subsequent owners, thus ensuring flexibility of your investment and enhancing the resale value of your Nissan.

YOU SIMPLY CAN'T GET BETTER LONG-TERM PRO-TECTION FOR YOUR MONEY THAN WITH NISSAN'S SECURITY + PLUS®!

For details, please contact your authorized Nissan Dealer or complete the attached business reply card (no postage necessary) and mail it to:

Nissan Security+Plus® Headquarters P.O. Box 685004 Franklin, TN 37068-5004

We'll send you a complete information packet by return mail. Do it today! The quicker you act, the sooner you can have the full protection of a Nissan Security+Plus[®] Service Agreement.

NOTE: Security+Plus[®] Service Agreements for previously owned Nissan vehicles can only be purchased from your authorized Nissan dealership at the time of vehicle sale. ΜΕΜΟ

ΜΕΜΟ

CHANGE OF ADDRESS OR SUBSEQUENT OWNERSHIP NOTIFICATION It is not necessary to return this card to start your warranty coverage.

□ SUBSEQUENT OWNER NAME / ADDRESS

Please check one of the above boxes.

. If you recently changed your address, or purchased your NISSAN vehicle, please complete and mail this

This will allow NISSAN to pass all recall information on to you if required. Vehicle Identification No. Vehicle Identification No. Title (check One) 1 M. 2 Miss 3 Mrs. 4 Ms. 5 6 8 Reverend C Business Title (check One) 1 M. 2 Miss 3 Mrs. 4 Ms. 7 Dr. 6 Reverend C Business First Name Last Name or Business Name Last Name or Business Name	acall information and a scall information and a scale	tion on to yo	u if requir	uired. 6 C Business (# owner is a business use last name box only.) 26 cm/s- 1.55.	C Business e last name box only.) Suffix- LASs.
Address (Street or P.O. Box) City City Zip Code	Area Code	Phone Number		Octate	

PLEASE SEND ME ADDITIONAL INFORMATION ABOUT NISSAN'S SECURITY+PLUS® EXTENDED SERVICE AGREEMENTS.

	NISSAN	
	Security+Plus	
	VEHICLE PROTECTION PLAN	
Name	Phone No.	0.
Address		
City	State	Zip
Model		Year
Purchase Date		
Dealer Name	City	State

NO POSTAGE NECESSARY MAILED IN THE UNITED STATES						NO POSTAGE NECESSARY MAILED IN THE UNITED STATES					
	BUSINESS REPLY MAIL	FIRST CLASS MAIL PERMIT NO. 97 FRANKLIN, TN POSTAGE WILL BE DAID BY ADDESSEE	NISSAN SECURITY + PLUS® HEADQUARTERS	PO BOX 685004 FRANKLIN, TN 37068-5004	հիհետհեռենեններեներ		BUSINESS REPLY MAIL	FIRST CLASS MAIL PERMIT NO. 97 FRANKLIN, TN	POSTAGE WILL BE PAID BY ADDRESSEE	NISSAN NORTH AMERICA, INC. DO DOX 685003	FRANKLIN, TN 37068-5003

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OWNER INFORMATION		
Owner's Name		
Address		
Gly	State	Zip Code
VEHICLE IDENTIFICATION		
vencie (denuncation		miles
Date of Delivery		
Selling Dealer Name	Mileage at Delivery	
Address		
Giy	State	Zip Code
SECURITY+PLUS® INFORMATION		
Policy No.	Expiration Date	
Months of Coverage	Expiration Mileage	
Security+Plus® coverage must be confirmed. See your Security+Plus® Agreement for details.	eement for details.	
ODOMETER REPLACEMENT		
		miles
Date	Mileage	
Dealer's Name		
Address		
Gty	State	Zip Code
NOTE: read this booklet carefully and keep it in your vehicle. Present it to an authorized NISSAN dealer whom usersative services is exercised. It should remain with your vahicle when you will it as a presented	cle. Present it to an autho	orized NISSAN dealer

guent 5 5 when warranty service is required. It should remain with yo owners will know any remaining warranty coverage.





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PE13-029 NISSAN 7-11-2014 ATTACHMENT D NONCONFIDENTIAL BUSINESS INFORMATION -REQUEST 9 RESPONSE



Combimeter Nissan UL 2007 Inaccurate Fuel Gauge Investigation

Rev. June 27, 2014

Strictly Private and Confidential

Product Changes



□ Fuel circuitry with No Changes from 2007 to 2009.

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UL07 METER Fuel Gauge and DTE Functions Calculation

NTCNA 4092 6/4/2014

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