







↑  
Roof

X

x



← GAP

RAM  
2500  
HEAVY DUTY

TURBO DIESEL



**RAM**  
**2500**  
**HEAVY DUTY**

**TURBO DIESEL**



GAP

RAV4  
REAR VIEW MIRROR

TRUCK





RAM  
2500  
HEAVY DUTY

TURBO DIESEL

Rest































S

8

RIF

Goodyear  
WRANGLER  
33X9.5R17  
110T

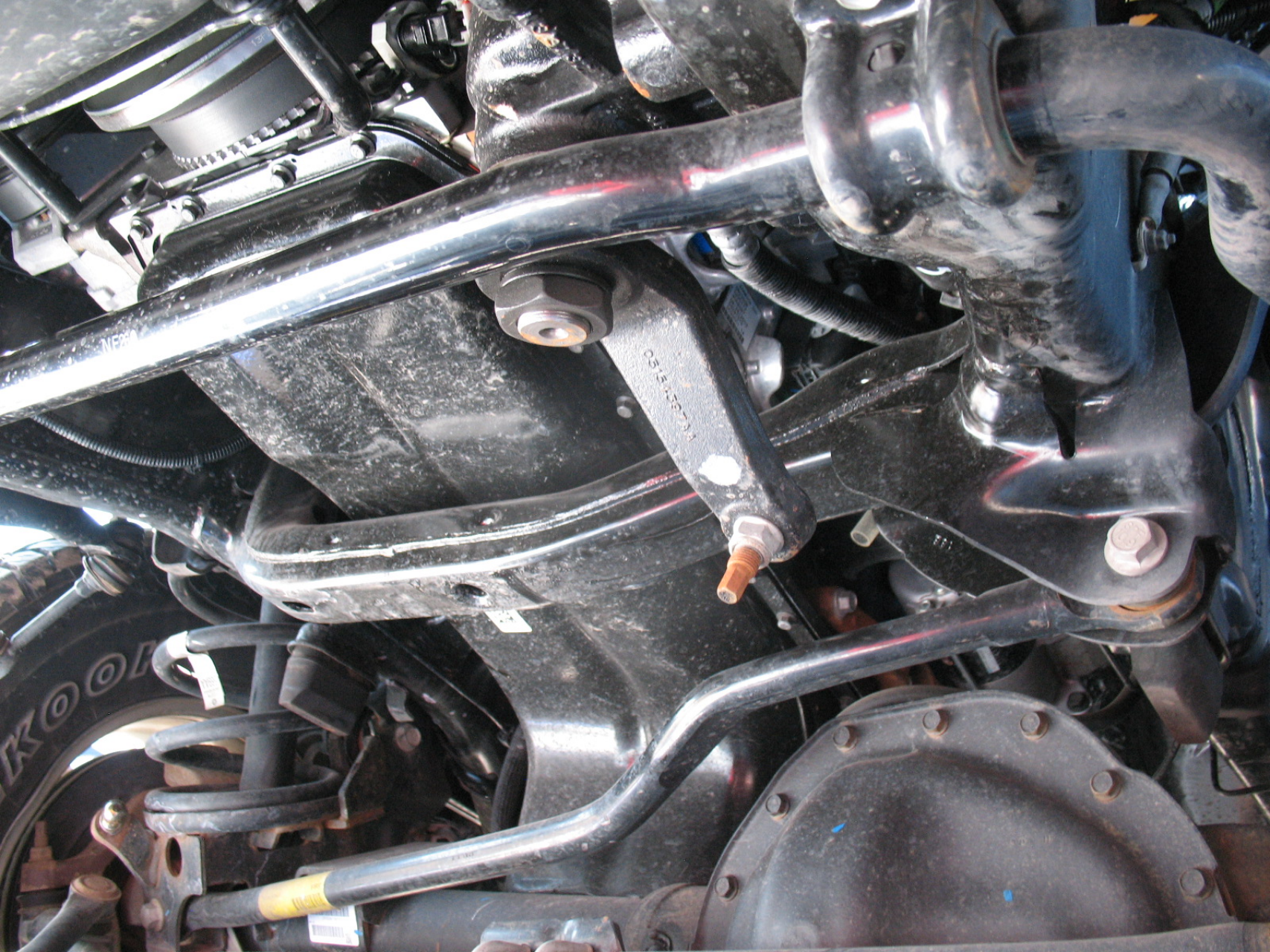


















NF260

OK

TRIPW  
M











































S

8

RIF

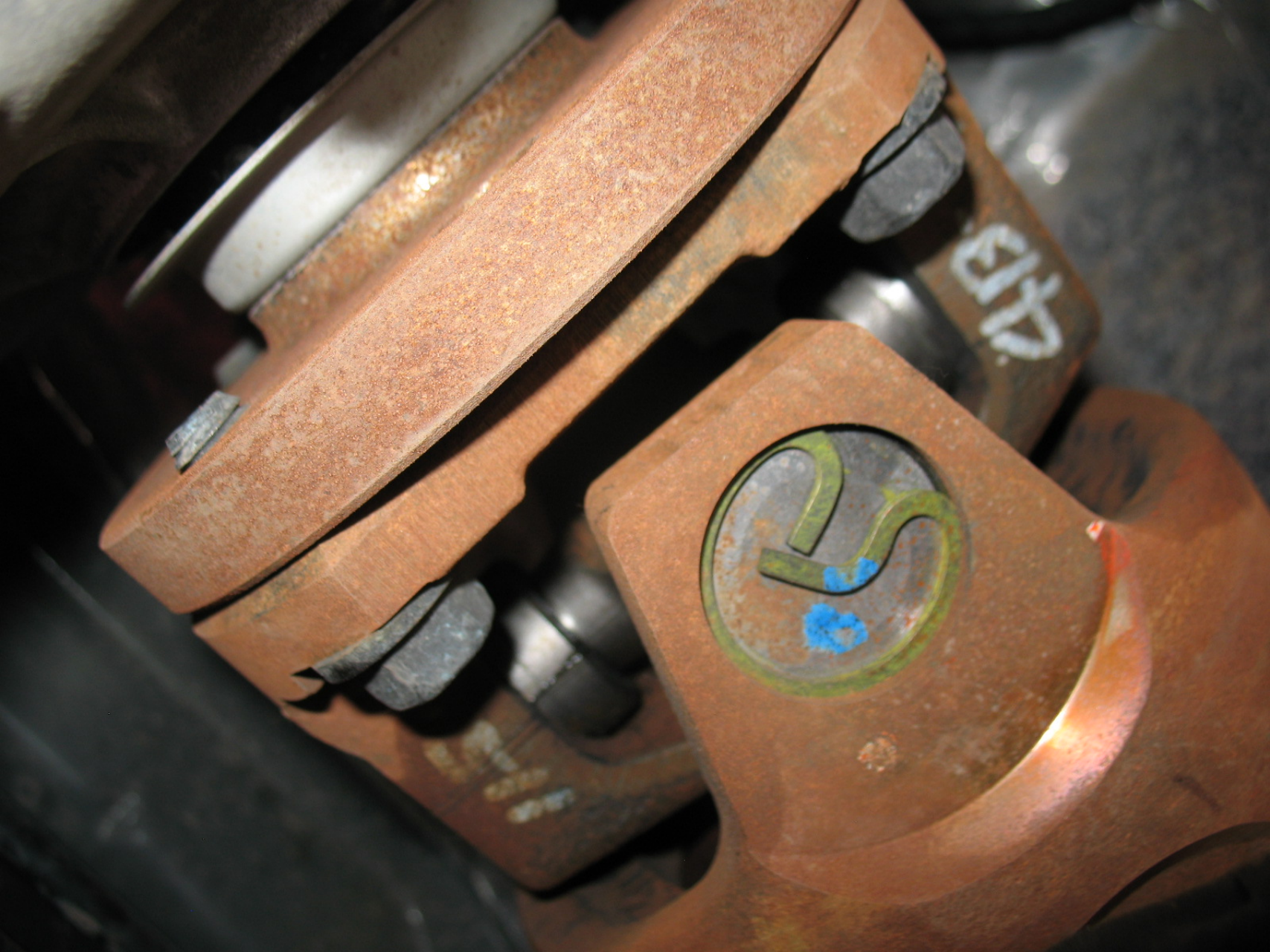




























34076951

TC254A





SPG  
AIRBAG







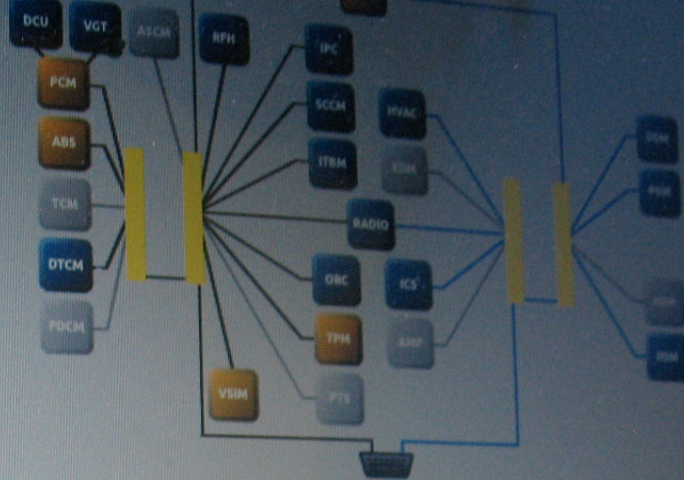






Legend

- Active ECU
- Non-responsive ECU
- DTCs Present
- ECU Not Built
- ↻ Scanning ECU
- ⚡ New Flash Available
- CAN-C
- CAN-IHS



All DTCs   Diagnostic Procedures   Customer Preferences   Vehicle Preparations

Double-click row selection to view environmental data. Click on column heading to sort table.

All   Active   Stored   Pending

ECU	Code	Status	Description
PCM	P2560	Stored	Engine Coolant Level Low
ABS	C0034-1D	Active	Right Front Wheel Speed Sensor-Circuit Current Out of Range
PCM	R168F-2A	Stored	Front Fog Lamp Switch-Stuck

Knowledge Base Articles

Login

Off-line

Disconnect

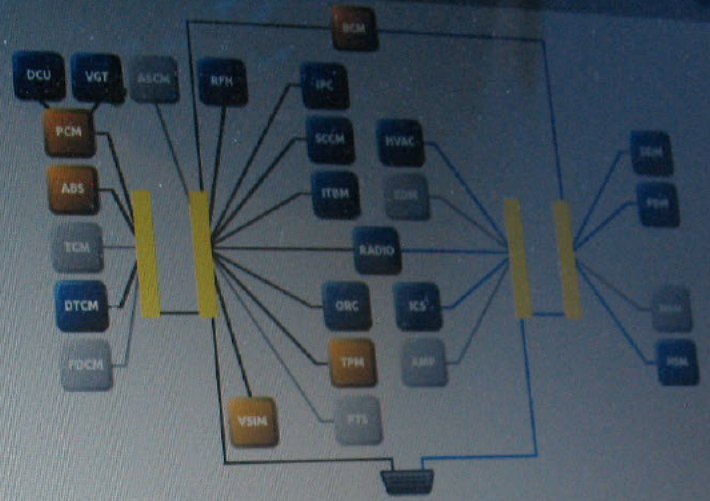
Warning: 0 Errors 24

TOSHIBA

Battery: 12.17 volts

**Legend**

- Active ECU
- Non-responsive ECU
- DTCs Present
- ECU Not Built
- Scanning ECU
- New Flash Available
- CAN-C
- CAN-IHS



**All DTCs** **Diagnostic Procedures** **Customer Preferences** **Vehicle Preparations**

Double-click row selection to view environmental data. Click on column heading to sort table.

View Freeze Frame View Event Data Clear Stored DTCs

All Active Stored Pending

	ECU	Code	Status	Description
	BCM	B168E-2A	Stored	Front Fog Lamp Switch-Stuck
	TPM	C0077-00	Stored	Low Tire Pressure-
	VSIM	B2253-11	Stored	Unknown

Disconnect Warnings: 9 Errors: 24

Knowledge Base Articles

Login Off-line

Windows taskbar icons:

**TOSHIBA**

# VCI Firmware Version : 2.03

Desktop Application 3

14.03.20

Utilities Reports Monitors Preferences About Help

Search Service Information Enter search phrase here



## DTCM View

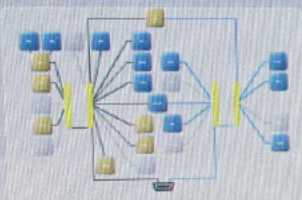
Click on tabs to access various ECU operations and information for the selected ECU.

wiTECH

Flash Data DTCs Actuators System Tests Misc Functions ECU Details

Click on the buttons to view the desired information. Click on column heading to sort table.

Overview Configuration



### Overview

**Name:**  
Drive Train Control Module

**Flash Part Number:**  
56029590AD

**Bus Type:**  
CAN C

**Hardware Version:**  
10.11

**Software Version:**  
02.03.07

**Spare Part Number:**  
Not Available

**ISO Code:**

**Software Number:**  
Not Available

**Hardware Number:**  
Not Available

**Original VIN**  
[REDACTED]

**Current VIN**  
[REDACTED]

Name	Value
VIN (Original)	[REDACTED]
VIN (Current)	[REDACTED]
ECU Part Number	56029590AD
Software (Code) Part Number	56029590AD
Software Version (Major/Middle/Minor)	02.03.07
Hardware Version (Major/Minor)	10.11
Variant ID	40
Diagnostic Version	02
Serial Number	T3DYC181325458
ECU File Name	DTCM/DTCM_PN/40
ECU Database ID	6924

Log in OFF-line

(14) New knowledge base articles

TOSHIBA

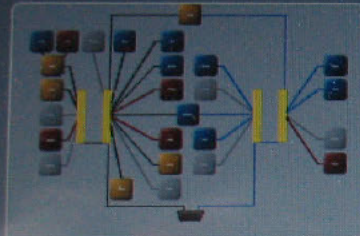




# VSIM View

Click on tabs to access various ECU operations and information for the selected ECU.

Search Service Information



## Overview

**Name:**  
Vehicle System Interface Module

**Flash Part Number:**  
68110979AB

**Bus Type:**  
CAN C

**Hardware Version:**  
0D.11.B3

**Software Version:**  
#0: 13.17.00

**Spare Part Number:**  
Not Available

**ISO Code:**

**Software Number:**  
Not Available

**Hardware Number:**  
Not Available

**Original VIN**  
[REDACTED]

**Current VIN**  
[REDACTED]

- Flash
- Data
- DTCs
- Actuators
- System Tests
- Misc Functions
- ECU Details**

Click on the buttons to view the desired information. Click on column heading to sort table.

Name	Value
Active Diagnostic Variant	41
Active Diagnostic Version	00
Hardware Part Number	68110979AB
ECU Part Number	68110979AB
Model Year	2013
Vehicle Line	DD
Body Style	4-Door Pickup
Country Code	USA
ECU Serial Number	T 1733A3134
VIN Original	[REDACTED]
VIN Current	[REDACTED]
ECU File Name	VSIM/VSIM_PN/41
ECU Database ID	6942

Overview Configuration

A A

Disconnect

Warnings: 0 Errors: 0



# VCI Firmware Version : 2.03

Desktop Application 3

14.03.20

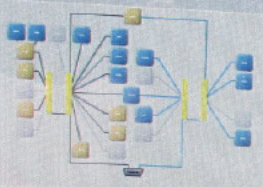
Utilities Reports Monitors Preferences About Help

Search Service Information



## ORC View

Click on tabs to access various ECU operations and information for the selected ECU.



### Overview

**Name:**  
Occupant Restraint  
**Flash Part Number:**  
68085883AE  
**Bus Type:**  
CAN C  
**Hardware Version:**  
0C.25.02  
**Software Version:**  
#0: 12.37.00, #1: 12.50.00  
**Spare Part Number:**  
Not Available  
**ISO Code:**  
  
**Software Number:**  
Not Available  
**Hardware Number:**  
Not Available  
**Original VIN:**  
[REDACTED]  
**Current VIN:**  
[REDACTED]

Flash Data **DTCs** Actuators System Tests Misc Functions ECU Details

Double-click row selection to view environmental data. Click on column heading to sort table.

All Active Stored Pending

	ECU	Code	Status	Description
	ORC	C10CC-00	Stored	ESC Sensors-

(14) New knowledge base articles

Login **Offline**

Disconnect

WiTECH 4.0 Service 0

TOSHIBA

# VCI Firmware Version : 2.03

Desktop Application 3



Utilities Reports Monitors Preferences About Help

14.03.20



## ORC View

Search Service Information

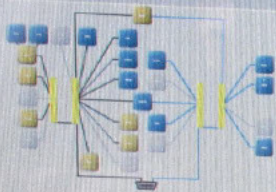
Enter search phrase here

Click on tabs to access various ECU operations and information for the selected ECU.

wiTECH

Flash Data DTCs Actuators System Tests Misc Functions ECU Details

Click on the buttons to view the desired information. Click on column heading to sort table.



### Overview

**Name:**  
Occupant Restraint

**Flash Part Number:**  
68085883AE

**Bus Type:**  
CAN C

**Hardware Version:**  
0C.25.02

**Software Version:**  
#: 12.37.00, #1: 12.50.00

**Spare Part Number:**  
Not Available

**ISO Code:**

**Software Number:**  
Not Available

**Hardware Number:**  
Not Available

**Original VIN**

Name	Value
Diagnostic variant	4Z
Diagnostic Version	1
Model Year	2013
Vehicle Line	DJ
Body Style	4-Door Pickup
Country Code	USA
ECU Serial Number	T52MD149301758
Part Number: Left Upfront Satellite Sensor	
Part Number: Left Side Satellite Door Pressure	56038946__
Part Number: Left Side Satellite B-pillar	56054085AA
Part Number: Left Side Satellite C-pillar	56054085AA
Part Number: Right Side Satellite Door Pressure	56038946AA
Part Number: Right Side Satellite B-pillar	56054085AA
Part Number: Right Side Satellite C-pillar	56054085AA
Part Number: Right Upfront Satellite Sensor	
ECU File Name	ORC/ORC_PN/4Z
ECU Database ID	6939

Overview Configuration

(14) New Knowledge base articles

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Warning: 2 Errors

TOSHIBA



P R N D

BRAKE

Detailed description: A gear shift indicator panel with the letters 'P', 'R', 'N', and 'D' in green. Below them is a red 'BRAKE' indicator with a red dot. To the left and right are red icons for a seatbelt and a person, respectively.



N 68°F

SAT Prime Coun

Speedometer

Vehicle Info

Fuel Economy ▶

5058mi

PRND ↗





### TIRE AND LOADING INFORMATION

SEATING CAPACITY - TOTAL 6 FRONT 3 REAR 3

THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED  
1160 KG OR 2559 LB

TIRE	FRONT	REAR	SPARE
ORIGINAL TIRE SIZE	LT265/70R17E	LT265/70R17E	LT265/70R17E
COLD TIRE INFLATION PRESSURE	415 kPa / 60 PSI	520 kPa / 75 PSI	520 kPa / 75 PSI

SEE OWNERS MANUAL FOR ADDITIONAL INFORMATION



DG613323

CARGO AND

I
I
E

3323

ABRA AUTO BODY & GLASS - MURRAY  
4600 SOUTH MAIN STREET, MURRAY, UT 84107  
PHONE: (801) 266-9526 FAX: (801) 266-9568  
CONTACT: JESSE THOMPSON  
FEDERAL TAX ID #1942824 STATE TAX ID #D65215

\*\*\* SUPPLEMENT 1 \*\*\*

S1 03/14/2014 09:36 AM  
03/19/2014 01:49 PM

Owner

Owner: [REDACTED]  
Address: [REDACTED]  
City State Zip: WEST JORDAN, UT [REDACTED]  
Email: [REDACTED]  
Cell: [REDACTED]  
Home/Day: [REDACTED]  
FAX: [REDACTED]

Control Information

Claim #: [REDACTED]  
Loss Date/Time: 03/13/2014 07:00 AM  
Deductible: \$500.00  
Insured Policy #: XXXXX  
Loss Type: Collision  
Ins. Company: Liberty Mutual  
Address: 2510 WEST DUNLAP AVE  
SUITE #100  
City State Zip: Phoenix, AZ 85072  
Work/Day: (800)577-4299  
Home/Evening:  
FAX: (800)819-4970  
Insured: [REDACTED]  
Loss Payee: AMERICA FIRST CREDIT UNION

Inspection

Inspection Date: 03/18/2014 03:59 PM  
Primary Impact: Right Front Corner  
Driveable: No  
Inspection Type: Direct Repair Program  
Secondary Impact: Right Front Side  
Rental Assisted:  
Assigned Date/Time:  
First Contact Date/Time:  
Received Date/Time: 03/14/2014 10:18 AM  
Appointment Date/Time: 03/14/2014 07:00 AM  
Appraiser Name: RICHARD REPA  
Appraiser License # :  
Orig Appraiser Name: Brian Johnson  
Address: 4600 So Main  
City State Zip: Murray, UT 84107  
Email: bjohnson@abraauto.com  
Appraiser License # :  
Work/Day: (801)266-9526  
FAX: (801)266-9568

Repairer

Repairer: Abra Auto Body & Glass  
Address: 4600 South Main Street  
City State Zip: Murray, UT 84107  
Email: .murray@abraauto.com  
Contact: Brian Johnson  
Work/Day: (801)266-9526  
FAX: (801)266-9568  
Work/Day:

Remarks

**COPY OF APPRAISAL E-MAILED TO VEHICLE OWNER**

**NO OLD DAMAGE OBSERVED**

**LKQ SEARCH NUMBER 1:APU SOLUTIONS**

**\*\*\*All Supplements Require Prior Approval By A Liberty Mutual Representative  
 All Supplement Info/Photos Must Be Submitted Via Fax To 866-773-7209 Or Via  
 Email To 0647.supplements@libertymutual.com For Any Supplement Request.\*\*\***

**Vehicle**

2013 Dodge Ram 250/2500 Big Horn 4 DR Crew Cab Short Bed  
 6cyl 6.7L Turbo Diesel  
 6-Speed Automatic

**Lic.Plate:** [REDACTED]  
**Lic Expire:** [REDACTED]  
**Prod Date:** [REDACTED]  
**Veh Insp# :** [REDACTED]  
**Condition:**  
**Ext. Color:** BLACK  
**Ext. Refinish:** Two-Stage  
**Ext. Paint Code:** PX8

**Lic State:** UT  
**VIN:** [REDACTED]  
**Mileage:** 5,058  
**Mileage Type:** Actual  
**Code:** [REDACTED]  
**Int. Color:**  
**Int. Refinish:**  
**Int. Trim Code:**

**Options**

- |                         |                          |                          |
|-------------------------|--------------------------|--------------------------|
| 2nd Row Head Airbags    | 4-Wheel Drive            | AM/FM Stereo             |
| Air Conditioning        | Anti-Lock Brakes         | Auto Headlamp Control    |
| Auto Locking Hubs (4WD) | Camper/Towing Package    | Center Console           |
| Chrome Grille           | Chrome Steel Wheels      | Chrome Step Bumper       |
| Cruise Control          | Dual Airbags             | Electronic Transfer Case |
| Floor Mats              | Full Size Spare Tire     | Halogen Headlights       |
| Head Airbags            | Heated Power Mirrors     | Heavy Duty Suspension    |
| Intermittent Wipers     | Keyless Entry System     | Lighted Entry System     |
| Overhead Console        | Power Brakes             | Power Door Locks         |
| Power Steering          | Power Take-Off Provision | Power Windows            |
| Pwr Sliding Rear Window | Rear Bench Seat          | Side Airbags             |
| Sirius Satellite Radio  | Split Front Bench Seat   | Stability Cntrl Suspensn |
| Tachometer              | Tilt Steering Wheel      | Tinted Glass             |
| Tire Pressure Monitor   | Tow Hooks                | Traction Control System  |
| Trailer Brake           | Trailer Hitch            | Trip Computer            |
| Velour/Cloth Seats      |                          |                          |

**Damages**

Line	Op	Guide	MC Description	MFR.Part No.	Price	ADJ% B%	Hours	R
<b>Front Bumper</b>								
1	E	6	Bumper,Front	68045699AB	\$394.00	S1	3.7	SM
2	E	47	Dam,Air	68045708AA	\$106.00		0.2	SM
3	E	11	Brkt,Front Bumper Mtg RT	68064330AA	\$41.60		INC	SM
4	E	26	Brkt,Front Bumper Mtg RT	68064309AA	\$41.60		INC	SM
5	E	31	Brkt,Front Bumper Mtg RT	68064329AB	\$41.60		INC	SM
<b>Front End Panel And Lamps</b>								
6	E	28	Grille Assembly	68147882AA	\$629.00		INC	SM
7	E	39	Emblem,Grille	68140322AA	\$19.85		0.1	SM
8	N	973	Headlamps Aim	Additional Labor			0.4	SM
9	N	980	Fog Lamps Aim	Additional Labor			0.3	SM
10	E	42	Lens,Headlamp RT	68096438AC	\$190.00	S1	INC	SM
11	E	1179	Clip,Headlamp RT	68050777AA	\$3.50			SM

12	E	122	Mldg,Headlamp Housing RT	55372918AC	\$48.00		0.2	SM	
13	L	122	Mldg,Headlamp Housing RT	Refinish 0.3 Surface 0.1 Two-stage			0.4	RF	
14	E	59	Lens,Fog Lamp RT	55372734AB	\$79.50		INC	SM	
<b>Radiator Support</b>									
15	I	74	Panel Assembly,Rad Sup	Repair			2.0*	SM	
16	L	74	Panel Assembly,Rad Sup	Refinish 1.0 Surface			1.0*	RF	
<b>Cooling And Air Conditioning</b>									
17	E	764	Tank,Coolant Recovery	55057130AD	\$88.25		0.2	SM	
<b>Front Body And Windshield</b>									
18	E	83	Panel,Hood Aluminum	55372244AI	\$500.00		1.4	SM	
19	L	83	Panel,Hood	Refinish 3.0 Surface 1.4 Edge 0.6 Two-stage			5.0	RF	
20	E	40	Deflector,Hood	82212765	\$94.65		0.2	SM	
21	E	35	Label,Hood	68086151AA	\$7.75		0.1	SM	
22	E	104	Fender,Front RT	68054338AE	\$179.00		2.3	SM	
23	L	104	Fender,Front RT	Refinish 1.8 Surface 0.5 Edge 0.4 Two-stage			2.7	RF	
24	E	142	Seal,Fender-Cowl RT	55112462AB	\$22.35		INC	SM	
25	E	292	Nameplate,Fender RT	55078116AA	\$52.25		0.2	SM	
26	TE	132	Guard,Fender Mud	Partial Replace Price	\$44.85			SM	
27	E	159	Brkt,Front Fender RT	55372838AD	\$15.60		INC	SM	
28	NG	143 49	Windshield,Shaded	NAGS DW1771-GT	\$589.90	-55.00	5.8	SM	
<b>Front Body Interior Sheetmetal</b>									
29	E	157	Skirt,Inner Fender RT	68053736AG	\$75.00		INC	SM	
<b>Engine And Components</b>									
30	E	715	Duct,Air Intake	53032944AH	\$287.00		0.1	SM*	
<b>Front Suspension</b>									
31	E	1982	Shaft,Propeller	52123326AB	\$524.00		0.7	ME	
32	E	658 46	Hub,Front Wheel RT	52122190AB	\$384.00		INC	ME	
33	E	1674 46	Hose,Front Brake RT	52010312AE	\$51.50		0.4	ME	
34	E	656	Knuckle,Steering R/F	68065446AA	\$570.00	S1	0.2	ME	
35	E	652 49	Arm,Upper Control R/F	52013797AC	\$97.60		0.2	ME	
36	E	654 46	Arm,Lower Control R/F	4670383AB	\$127.00		0.2	ME	
37	E	660	Absorber,Shock R/F	68139383AA	\$104.00		0.2	ME	
38	E	661	Rod,Front Transverse	52121940AB	\$250.00		0.2	ME	
39	E	704	Bar,Front Stabilizer	4670450AA	\$340.00		0.4	ME	
40	E	678 46	Link Kit,Front Stab RT	68055439AA	\$167.00		0.2	ME	
41	E	711 01	Housing,Front Axle	68065444AB	\$2,395.00	S1	7.5	ME	
<b>Steering</b>									
42	E	943	Linkage Assy,Steering	52122362AJ	\$350.00		0.1	ME	
43	E	1895	Absorber,Steering Shoc	5154661AC	\$119.00		INC	ME	
44	E	720	Arm,Steering Pitman	52122392AA	\$111.00		0.3	ME	
<b>Cab And Components</b>									
45	I	51	Frame,Door Opening RT	Repair			4.0*	SM	
46	L	51 #	Frame,Door Opening RT	Refinish 3.0 Surface 0.6 Two-stage setup			4.5*	RF	

0.9 Two-stage

# = 10, 13

47	TE	51	Frame,Door Opening RT	Partial Replace Price	\$317.00			SM	
48	ET	527	Panel,Rocker Front RT	Partial Replace Labor			5.1	SM	
49	L	527	Panel,Rocker Front RT	Refinish			0.5	RF	
				0.5 Edge					
				INC Two-stage					
50	E	192	Reinf,Rocker Panel RT	55372362AA	\$239.00		3.0*	SM	
			>> FRT HALF						
51	L	192	Reinf,Rocker Panel RT	Refinish			0.5	RF	
				0.5 Surface					
52	I	341	Panel,Roof	Repair			8.0*	SM	
53	L	341	Panel,Roof	Refinish			3.1*	SM*	
				3.1 Surface					
				INC Two-stage					
			>> PARTIAL REFINISH OPERATION BASE COAT W/FULL CLEAR						
54	RI	357	Mldg,Roof Drip LT	R & I Assembly			0.3	SM	
55	RI	358	Mldg,Roof Drip RT	R & I Assembly			0.3	SM	
56	RI	345	Antenna,Assembly LT	R & I Assembly			1.4	SM	

**Front Doors**

57	I	208	Door Shell,Front RT	Repair			6.0*	SM
58	L	208	Door Shell,Front RT	Refinish			2.8	RF
				2.3 Surface				
				0.5 Two-stage				
59	E	282	W/Strip,Front Door RT	55372708AB	\$31.45		0.3	SM
60	RI	483	W/Strip,Front Door RT	R & I Assembly			0.5	SM
61	RI	246	W/Strip,Frt Door Body RT	R & I Assembly			0.5	SM
62	RI	278	W/Strip,Belt Outer RT	R & I Assembly			0.2	SM
63	RI	232	Pnl,Inner Door Trim RT	R & I Assembly			INC	SM
64	RI	220	Applique,Frt Door Fram RT	R & I Assembly			0.3	SM
65	E	120	N/Plate,Front Door RT	55372616AC	\$70.25		0.2	SM
66	E	473	Mirror,Outer R/C RT	68142668AD	\$482.00		0.3	SM
67	RI	216	Glass,Front Door T RT	R & I Assembly			1.1	SM
68	RI	252	Channel,Front Glass Ru RT	R & I Assembly			0.2	SM
69	RI	218	Module,Frt Dr Carrier RT	R & I Assembly			INC	SM
70	E	212	Hinge,Front Door Up RT	68058514AA	\$52.70		0.9	SM
71	L	212	Hinge,Front Door Up RT	Refinish			0.3	RF
				0.3 Surface				
72	E	214	Hinge,Front Door Lwr RT	68058518AA	\$55.75		0.2	SM
73	L	214	Hinge,Front Door Lwr RT	Refinish			0.3	RF
				0.3 Surface				
74	RI	268	Handle,Front Door Otr RT	R & I Assembly			0.6	SM

**Rear Doors**

75	I	290	Pnl,Rear Door Outer RT	Repair			3.0*	SM	
76	L	290	10 Pnl,Rear Door Outer RT	Refinish			2.4*	RF	
				2.1 Surface					
				0.3 Two-stage					
			>> PARTIAL REFINISH OPERATION BASE COAT W/FULL CLEAR						
77	RI	248	W/Strip,Rear Door RT	R & I Assembly			0.3	SM	
78	RI	332	W/Strip,Belt Outer RT	R & I Assembly			0.2	SM	
79	RI	312	Applique Assy,Rear Dr RT	R & I Assembly			0.3	SM	
80	RI	434	Handle,RR Door Outer RT	R & I Assembly			1.1	SM	

**Rear Body, Lamps And Floor Pan**

81	RI	548	Lamp,High Mounted Stop	R & I Assembly			0.3	SM
----	----	-----	------------------------	----------------	--	--	-----	----

**Manual Entries**

82	EC		RT FRT TIRE	QUALITY REPL. PART	\$175.00*			SM*
83	N		GLASS CLEAN UP	Additional Labor			1.0*	SM*
84	SB		4 WHEEL ALIGNMENT	Sublet Repair	\$72.95*			SM
85	I		Corrosion Protection	Repair			0.3*	SM*

86 EC	Hazardous Waste Removal	QUALITY REPL. PART	\$4.00*		SM
87 I	Rustproofing	Sublet Repair	\$10.00*	0.2*	SM*
88 I	Set-Up And Measure	Repair		2.0*	SM*
	>> POSSIBLE FRAME DAMAGE				
89 SB	Wheel Balance	Sublet Repair	\$15.00*		SM
90 I	Undercoating	Sublet Repair	\$10.00*	0.2*	SM*

90 Items

**ENGINE OIL PAN DAMAGED**  
 (B)

MC	Message
01	CALL DEALER FOR EXACT PART # / PRICE
10	INCLUDES AUDATEX TIME TO CLEAR ENTIRE PANEL
13	INCLUDES 0.6 HOURS FIRST PANEL TWO-STAGE ALLOWANCE
46	PRINTABLE ALTERNATE PARTS COMPARE
49	UNPRINTED ALTERNATE PARTS COMPARE

**Estimate Total & Entries**

Gross Parts		\$9,799.60	
Other Parts		\$768.90	
Paint Materials		\$450.00**	
Line Item Discount		\$324.45-	
Parts & Material Total			\$10,694.05
Tax on Parts & Material	@ 6.850%		\$732.54

Labor	Rate	Replace Hrs	Repair Hrs	Total Hrs	
Sheet Metal (SM)	\$42.00	35.2	27.4	62.6	\$2,629.20
Mech/Elec (ME)	\$70.00	10.6		10.6	\$742.00
Frame (FR)	\$42.00				
Refinish (RF)	\$42.00	20.4		20.4	\$856.80
Paint Materials	\$26.00				

Labor Total		93.6 Hours	\$4,228.00
Tax on Labor	@ 6.850%		\$289.62
Sublet Repairs			\$107.95
Tax on Sublet	@ 6.850%		\$7.39
Towing			\$361.00
Tax On Towing	@ 6.850%		\$24.73
Gross Total			\$16,445.28
Less: Deductible			\$500.00-
Net Total			\$15,945.28
Actual Supplement Total		\$-2,068.62	
Less: Previous Net Total			\$18,013.90-
Net Supplement Total			\$-2,068.62

Alternate Parts Y/06/00/00/06/04 CUM 06/00/00/06/04 Zip Code: 84107 LIBERTY  
 Recycled Parts Y/13/0 Zip Code: 84107

Audatex Estimating 7.0.226 S1 03/19/2014 01:49 PM REL 7.0.226 DT 03/01/2014 DB 03/15/2014  
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**\*\* USER-ESTABLISHED THRESHOLD FOR PAINT MATERIALS HAS BEEN REACHED AND CALCULATED IN THIS ESTIMATE. ANY ADDITIONAL MATERIALS MAY REQUIRE FURTHER APPROVAL. \*\***  
**3.4 HRS WERE ADDED TO THIS ESTIMATE BASED ON AUDATEX'S TWO-STAGE REFINISH FORMULA.**

**ESTIMATE CALCULATED USING THE 2.5 HOUR MAXIMUM ALLOWANCE FOR TWO-STAGE REFINISH OF NON-FLEX, EXTERIOR SURFACES.**

THIS IS NOT AN AUTHORIZATION TO REPAIR.  
NO SUPPLEMENT WITHOUT REINSPECTION BY THIS APPRAISER. ALL SUPPLEMENTS MUST BE APPROVED PRIOR TO REPAIR. COLLECT IN FULL FROM OWNER.  
PLEASE SHOW ESTIMATE TO REPAIR SHOP.  
\*\*USER ESTABLISHED THRESHOLD FOR PAINT MATERIAL HAS BEEN REACHED. ANY ADDITIONAL MATERIALS ARE NEGOTIABLE AND REQUIRE APPROVAL FROM LIBERTY MUTUAL.\*\*

THE INSURER GUARANTEES THAT ALL PARTS IDENTIFIED IN THIS ESTIMATE ARE CERTIFIED AS QUALITY REPLACEMENT PARTS BY AN INDUSTRY CERTIFICATION ORGANIZATION. THE INSURER FURTHER GUARANTEES THAT IT WILL REPLACE ANY QUALITY REPLACEMENT PART IDENTIFIED IN THIS ESTIMATE (A RECYCLED PART MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER OR A NEW PART NOT MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER) IF A DEFECT IS DISCOVERED. THIS GUARANTEE WILL BE IN EFFECT FOR AS LONG AS YOU OWN THE VEHICLE DESCRIBED IN THIS ESTIMATE, BUT IT IS NOT TRANSFERABLE TO ANY OTHER PARTY AT ANY TIME. THIS GUARANTEE COVERS THE COST OF THE PART, LABOR TO INSTALL, AND PAINT AND MATERIALS, IF REQUIRED, AS WELL AS THE COST OF RENTAL OF A TEMPORARY REPLACEMENT VEHICLE DURING THE REPAIRS. THIS GUARANTEE DOES NOT COVER CONSEQUENTIAL DAMAGES. IF A DEFECT IN A QUALITY REPLACEMENT PART IS DISCOVERED, CONTACT YOUR ADJUSTER OR AGENT IMMEDIATELY, AND WE WILL REPLACE THE PART WITH A NEW ORIGINAL EQUIPMENT MANUFACTURER PART.

THIS ESTIMATE HAS BEEN PREPARED BASED ON THE USE OF CRASH PARTS SUPPLIED BY A SOURCE OTHER THAN THE MANUFACTURER OF YOUR MOTOR VEHICLE. THE AFTERMARKET CRASH PARTS USED IN THE PREPARATION OF THIS ESTIMATE ARE WARRANTED BY THE MANUFACTURER OR DISTRIBUTOR OF SUCH PARTS RATHER THAN THE MANUFACTURER OF YOUR VEHICLE.

IF YOU WOULD LIKE LIBERTY MUTUAL TO ISSUE PAYMENT TO THE REPAIR SHOP YOU HAVE SELECTED DIRECTLY, PLEASE SIGN AND DATE THE AUTHORIZATION BELOW.

LIBERTY MUTUAL FIRE INSURANCE COMPANY

-----  
DIRECT PAYMENT AUTHORIZATION

I AUTHORIZE LIBERTY MUTUAL TO PAY \_\_\_\_\_ ON MY BEHALF FOR THE REPAIR OF COVERED DAMAGES TO MY VEHICLE.

VEHICLE OWNER'S SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**Op Codes**

- |                            |                         |                          |
|----------------------------|-------------------------|--------------------------|
| * = User-Entered Value     | E = Replace OEM         | NG = Replace NAGS        |
| EC = QUALITY REPL. PART    | OE = OEM SURPLUS PART   | UE = OEM SURPLUS PART    |
| ET = Partial Replace Labor | EP = QUALITY REPL. PART | EU = LIKE KIND & QUALITY |

TE = Partial Replace Price  
L = Refinish  
TT = Two-Tone  
BR = Blend Refinish  
CG = Chipguard  
AA = Appearance Allowance

PM = Replace PXN Reman/Reblt  
PC = Replace PXN Reconditioned  
SB = Sublet Repair  
I = Repair  
RI = R & I Assembly  
RP = Related Prior Damage

UM = Replace Reman/Rebuilt  
UC = Replace Reconditioned  
N = Additional Labor  
IT = Partial Repair  
P = Check



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**PRODUCT ALLEGATION RESOLUTION  
PRELIMINARY INSPECTION  
FIELD PHOTOGRAPHIC NOTES**

Customer's Name: [REDACTED]

Inspection Date: 3/25/2014

Vehicle Brand: DODGE

Model: 2500 RAM 4X4

File # [REDACTED]

VIN: [REDACTED]

Inspector Al Benson

Number of Photos \_\_\_\_\_

<u>Photo #</u>	<u>Description</u>
001.	<u>DOOR JAM VIN STICKER</u>
001A.	<u>VIN NUMBER UNDER GLASS (DASH)</u>
002.	<u>CURRENT MILEAGE ON ODOMETER</u>
003.	<u>FRONTAL VIEW</u>
004.	<u>LEFT FRONT CORNER VIEW</u>
005.	<u>LEFT FRONT SIDE VIEW</u>
006.	<u>LEFT REAR SIDE VIEW</u>
007.	<u>LEFT REAR CORNER AND REAR VIEW</u>
008.	<u>RIGHT REAR</u>
009.	<u>RIGHT REAR SIDE VIEW</u>
010.	<u>RIGHT SIDE VIEW FROM REAR</u>
011.	<u>CLOSER RIGHT SIDE VIEW FROM REAR</u>
011A.	<u>VIEW OF BROKEN WINDSHIELD ON RIGHT SIDE</u>
012.	<u>1<sup>ST</sup> VIEW OF RIGHT FRONT SIDE</u>
013.	<u>2<sup>ND</sup> VIEW OF RIGHT FRONT SIDE FROM REAR</u>
014.	<u>3<sup>RD</sup> VIEW OF RIGHT FRONT SIDE FROM FRONT SIDE</u>
015.	<u>4<sup>TH</sup> CLOSE VIEW OF RIGHT SIDE FRONT AXLE PUSHED BACK INTO FRONT DOOR / FENDER AREA</u>
016.	<u>5<sup>TH</sup> VIEW OF DAMAGED RIGHT FRONT CORNER</u>
017.	<u>6<sup>TH</sup> VIEW OF RIGHT FRONT DAMAGED AREA</u>
018.	<u>7<sup>TH</sup> VIEW OF RIGHT FRONT DAMAGED AREA</u>
019.	<u>8<sup>TH</sup> VIEW OF RIGHT FRONT DAMAGED CORNER AREA FROM FRONT</u>
020.	<u>9<sup>TH</sup> VIEW OF RIGHT FRONT DAMAGED AREA WITH HOOD OPEN</u>
021.	<u>10<sup>TH</sup> VIEW OF RIGHT FRONT DAMAGED AREA WITH HOOD AREA</u>
022.	<u>11<sup>TH</sup> VIEW OF RIGHT FRONT DAMAGED AREA WITH HOOD OPEN</u>
023.	<u>12<sup>TH</sup> VIEW OF RIGHT FRONT DAMAGED AREA WITH HOOD OPEN</u>
024.	<u>13<sup>TH</sup> VIEW OF RIGHT FRONTAL DAMAGED AREA WITH HOOD OPEN</u>
024A.	<u>FRONTAL VIEW OF RIGHT SIDE ENGINE COMPARTMENT FROM FRONT</u>
025.	<u>FRONTAL VIEW OF ENGINE COMPARTMENT</u>
026.	<u>LEFT FRONT CORNER VIEW OF ENGINE COMPARTMENT</u>
027.	<u>LEFT FRONT SIDE VIEW OF ENGINE COMPARTMENT</u>
028.	<u>RIGHT FRONT SIDE VIEW OF ENGINE COMPARTMENT</u>
029.	<u>RIGHT FRONT CORNER VIEW OF ENGINE COMPARTMENT</u>
030.	<u>VIEW OF RIGHT FRONT TIRE AND WHEEL AREA</u>
030A.	<u>VIEW OF RIGHT FRONT TIRE PUSH BACK INTO FENDER, LOWER COWL AND FLOORBOARD AREA</u>
031.	<u>VIEW OF RIGHT FRONT UPPER WHEEL WELL / SHOCK TOWER AREA ABOVE R/F TIRE</u>
032.	<u>VIEW OF DAMAGED (BENT) RIGHT FRONT SHOCK ASSEMBLY</u>
033.	<u>REAR VIEW OF RIGHT FRONT DAMAGED SHOCK ASSEMBLY AND SCRAPE MARKS ON FRAME FROM PUSHBACK</u>
034.	<u>1<sup>ST</sup> VIEW OF RIGHT FRONT SIDE DAMAGED FRAME RAIL (BENT) BEHIND FRONT AXLE MOUNT</u>
035.	<u>2<sup>ND</sup> VIEW OF RIGHT FRONT SIDE DAMAGED FRAME RAIL (BENT) BEHIND FRONT AXLE MOUNT</u>

**PRODUCT ALLEGATION RESOLUTION  
PRELIMINARY INSPECTION  
FIELD PHOTOGRAPHIC NOTES**

Customer's Name: [REDACTED]

Inspection Date: 3/25/2014

Vehicle Brand: DODGE

Model: 2500 RAM 4X4

File # [REDACTED]

VIN: [REDACTED]

- 035A. VIEW OF DAMAGED (BENT) RIGHT FRONT SUPPORT BAR AND FRAME RAIL FROM UNDERNEATH
- 036. 1<sup>ST</sup> VIEW OF RIGHT SIDE FRONT SUSPENSION FROM FRONT INSIDE UNDERNEATH
- 037. 2<sup>ND</sup> VIEW OF RIGHT SIDE FRONT SUSPENSION FROM FRONT INSIDE UNDERNEATH (NOTE THE BENT AREA ON THE RIM OF THE WHEEL)
- 038. 3<sup>RD</sup> VIEW OF RIGHT SIDE FRONT SUSPENSION FROM FRONT INSIDE UNDERNEATH (NOTE THE ANGLE OF THE BENT SHOCK AND RELATED COMPONENTS)
- 039. VIEW OF THE RIGHT FRONT SIDE STABILIZER LINK MOUNT – DISCONNECTED FROM LINK
- 040. VIEW OF RIGHT OF FRONT AXLE PUSHBACK INTO ENGINE OIL PAN AND DAMAGE
- 041. VIEW OF INSIDE RIGHT FRONT SUSPENSION, AXLE AND RELATED COMPONENTS AREA FROM LEFT FRONT WITH LOOSE STEERING ARM
- 042. 1<sup>ST</sup> VIEW OF INSIDE LEFT FRONT SUSPENSION, AXLE AND RELATED COMPONENTS AREA FROM RIGHT FRONT WITH LOOSE STEERING ARM
- 043. 2<sup>ND</sup> VIEW OF INSIDE LEFT FRONT SUSPENSION, AXLE AND RELATED COMPONENTS AREA FROM RIGHT FRONT WITH LOOSE STEERING ARM
- 043A. VIEW OF STEERING GEAR AND PITMAN ARM AREA FROM LEFT FRONT VIEW OF PITMAN ARM
- 044. 1<sup>ST</sup> VIEW OF LOOSE STEERING LINKAGE WITH BROKEN TIE ROD JOINT STUD AND AREA
- 045. 2<sup>ND</sup> VIEW OF LOOSE STEERING LINKAGE WITH BROKEN TIE ROD JOINT STUD AND AREA
- 046. 3<sup>RD</sup> VIEW OF LOOSE STEERING LINKAGE WITH BROKEN TIE ROD JOINT STUD AND AREA
- 047. 4<sup>TH</sup> VIEW OF LOOSE STEERING LINKAGE WITH BROKEN TIE ROD JOINT STUD AND AREA
- 048. DIRECT CLOSE VIEW OF TIE ROD END WITH BROKEN STUD
- 049. FRONT CLOSE SIDE VIEW OF TIE ROD END WITH BROKEN STUD
- 050. 1<sup>ST</sup> CLOSE OVERHEAD VIEW OF TIE ROD STUD BROKEN AREA
- 051. 2<sup>ND</sup> CLOSE OVERHEAD VIEW OF TIE ROD STUD BROKEN AREA
- 052. 3<sup>RD</sup> CLOSE OVERHEAD VIEW OF TIE ROD STUD BROKEN AREA
- 053. 1<sup>ST</sup> CLOSE SIDE VIEW OF OPPOSITE TIE ROD STUD BROKEN AREA ON PITMAN ARM
- 054. CLOSE OVERHEAD VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 055. 1<sup>ST</sup> CLOSE SIDE VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 056. 2<sup>ND</sup> CLOSE SIDE VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 057. 3<sup>RD</sup> CLOSE SIDE VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 058. 1<sup>ST</sup> CLOSE OVERHEAD VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 059. 2<sup>ND</sup> CLOSE OVERHEAD VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 060. 3<sup>RD</sup> CLOSE OVERHEAD VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 061. 4<sup>TH</sup> CLOSE OVERHEAD VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 062. 5<sup>TH</sup> CLOSE OVERHEAD VIEW OF PITMAN ARM WITH OPPOSITE TIE ROD STUD BROKEN AREA
- 063. VIEW OF PITMAN ARM ID NUMBER
- 064. VIEW OF STEERING GEAR FROM LOWER RIGHT UNDERNEATH
- 065. VIEW OF STEERING GEAR ID NUMBER STICKER
- 066. VIEW OF STEERING COLUMN UNDERNEATH DASH AREA
- 067. VIEW OF STEERING SHAFT IN ENGINE COMPARTMENT
- 068. VIEW OF STEERING RESERVOIR FLUID LEVEL
- 069. VIEW OF POWER STEERING PUMP FROM LEFT FRONT UNDERNEATH
- 070. VIEW POWER STEERING LINES FROM HYDROBOOST TO PUMP
- 071. VIEW OF POWER STEERING PUMP FROM RIGHT FRONT UNDERNEATH
- 072. VIEW OF POWER STEERING LINES IN ENGINE COMPARTMENT NEAR PUMP
- 073. VIEW OF LEFT FRONT TIRE AND WHEEL
- 074. VIEW OF LEFT FRONT TIRE AND WHEEL WITH RUB MARKS ON INSIDE WALL OF TIRE
- 075. VIEW OF LEFT REAR TIRE AND WHEEL
- 076. VIEW OF RIGHT REAR TIRE AND WHEEL
- 077. VIEW OF RIGHT FRONT TIRE AND WHEEL WITH RUB MARKS ON SIDE WALL
- 078. VIEW OF DRIVESHAFT CONNECTED TO FRONT DIFFERENTIAL
- 079. VIEW OF RIGHT FRONT AXLE U-JOINT

**PRODUCT ALLEGATION RESOLUTION  
PRELIMINARY INSPECTION  
FIELD PHOTOGRAPHIC NOTES**

Customer's Name: [REDACTED]

Inspection Date: 3/25/2014

Vehicle Brand: DODGE

Model: 2500 RAM 4X4

File # [REDACTED]

VIN: [REDACTED]

080. VIEW OF LEFT FRONT AXLE U-JOINT
081. VIEW OF FRONT DRIVESHAFT CV JOINT CONNECTED TO TRANSFER CASE
082. VIEW OF REAR DRIVESHAFT JOINT CONNECTED TO REAR OF TRANSFER CASE
083. VIEW OF REAR DRIVESHAFT JOINT CONNECTED TO REAR DIFFERENTIAL
084. LEFT FRONT INTERIOR VIEW
085. LEFT FRONT DOOR INTERIOR PANEL VIEW
086. VIEW OF LEFT FRONT LOWER DASH PANEL
087. VIEW OF RIGHT SIDE DASH PANEL
088. VIEW OF LEFT SEAT WITH UNLATCHED SEAT BELT
089. VIEW OF LEFT SEAT WITH LATCHED SEAT BELT
090. VIEW OF LEFT FRONT SEAT HEADREST WITH "0" SPACE BETWEEN HEADREST AND SEAT
091. VIEW OF LEFT FRONT SEAT BELT LATCHPLATE NUMBERS
092. VIEW OF LEFT FRONT SEAT LOWER OUTSIDE ANCHOR
093. VIEW OF LEFT FRONT SEAT LOWER INSIDE ANCHOR
094. VIEW OF LEFT FRONT SEAT BELT SRS TAG
095. VIEW OF LEFT REAR SEAT AREA WITH UNLATCHED SEAT BELTS
096. VIEW OF LEFT REAR SEAT AREA WITH LATCHED SEAT BELTS
097. VIEW OF RIGHT REAR SEAT AREA WITH UNLATCHED SEAT BELTS
098. VIEW OF RIGHT REAR SEAT AREA WITH LATCHED SEAT BELTS
099. VIEW OF RIGHT FRONT SEAT AREA WITH UNLATCHED SEAT BELT
100. VIEW OF RIGHT FRONT SEAT AREA WITH LATCHED SEAT BELT
101. 1<sup>ST</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "VEHICLE VIEW" DTC'S - PG 1
102. 2<sup>ND</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "VEHICLE VIEW" DTC'S - PG 2
103. 3<sup>RD</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "VEHICLE VIEW" DTC'S - PG 3
104. 4<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "PCM" DTC - P2560 -STORED
105. 5<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "PCM" ECU DETAILS
106. 6<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "ABS" DTC - C0034-ID - ACTIVE
107. 7<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "ABS" ECU DETAILS
108. 8<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "BCM" DTC - B168E-2A - STORED
109. 9<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "BCM" ECU DETAILS PG 1
110. 10<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "TPM" VIEW DTC - C0077-00 - STORED
111. 11<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "TPM" VIEW ECU DETAILS
112. 12<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "DTCM" DTC - U0415 - ACTIVE
113. 13<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "DTCM" ECU DETAILS
114. 14<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "VSIM" DTC'S - B2253-11,B0050-11 AND B2103-11 - STORED
115. 15<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "VSIM" ECU DETAILS
116. 16<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "ORC" DTC - C10CC - STORED
117. 17<sup>TH</sup> VIEW OF WI-TECH SCANNER SCREEN SHOWING "ORC" ECU DETAILS
118. VIEW OF INSTRUMENT CLUSTER - IGNITION TURNED ON AT START SHOWING WARNING LAMPS
119. VIEW OF INSTRUMENT CLUSTER - IGNITION ON AFTER WARNING LAMP TEST SEQUENCE
120. COPY OF BODY SHOP ESTIMATE PG 1
121. COPY OF BODY SHOP ESTIMATE PG 2
122. COPY OF BODY SHOP ESTIMATE PG 3
123. COPY OF BODY SHOP ESTIMATE PG 4
124. COPY OF BODY SHOP ESTIMATE PG 5
125. COPY OF BODY SHOP ESTIMATE PG 6
126. COPY OF BODY SHOP ESTIMATE PG 7

605 CHRYSLER GROUPS LLC

MADE BY **CHRYSLER GROUP LLC**

DATE OF MFR(BUILD): 7-13

GWR FRONT: 2495 KG 5500 LB WITH RIMS AT 17X8.0

GWR REAR: 2813 KG 6200 LB WITH RIMS AT 17X8.0

4536 KG 10000 LB

LT265/70R17E TIRES

415 KPA ( 60 PSI) COLD

LT265/70R17E TIRES

520 KPA ( 75 PSI) COLD

UJN: [REDACTED] TYPE: [REDACTED]

VEHICLE MADE IN MEXICO PAINT: PX8

TRUCK MDH: 071208 060AA

TRIM: 19X8

THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S.A. FEDERAL MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.



**E** 68°F

---

Key in  
Ignition

---

5058mi



P R N D  

BRAKE



A Area  
Only

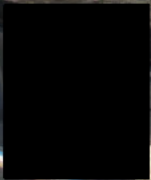
Wagoner





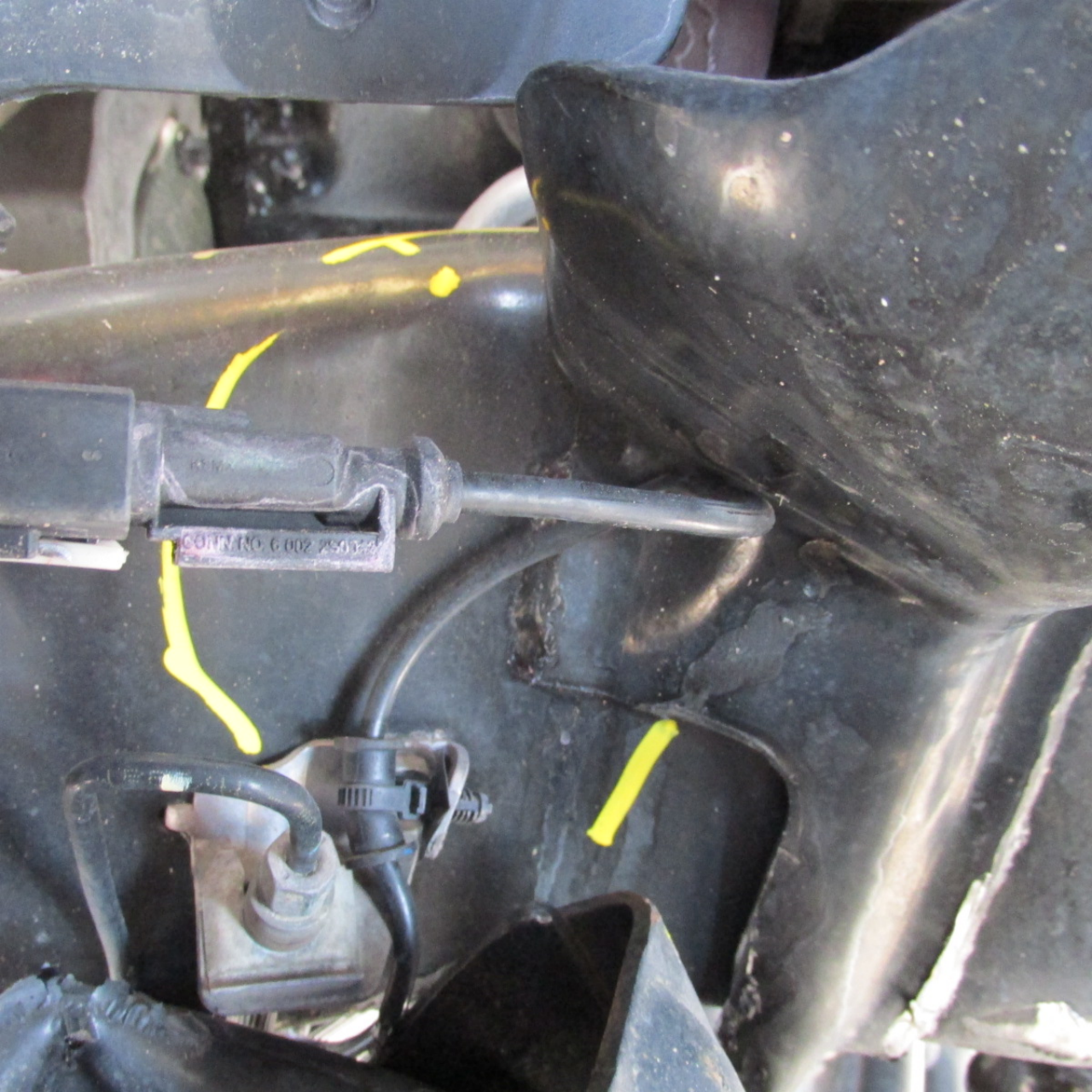




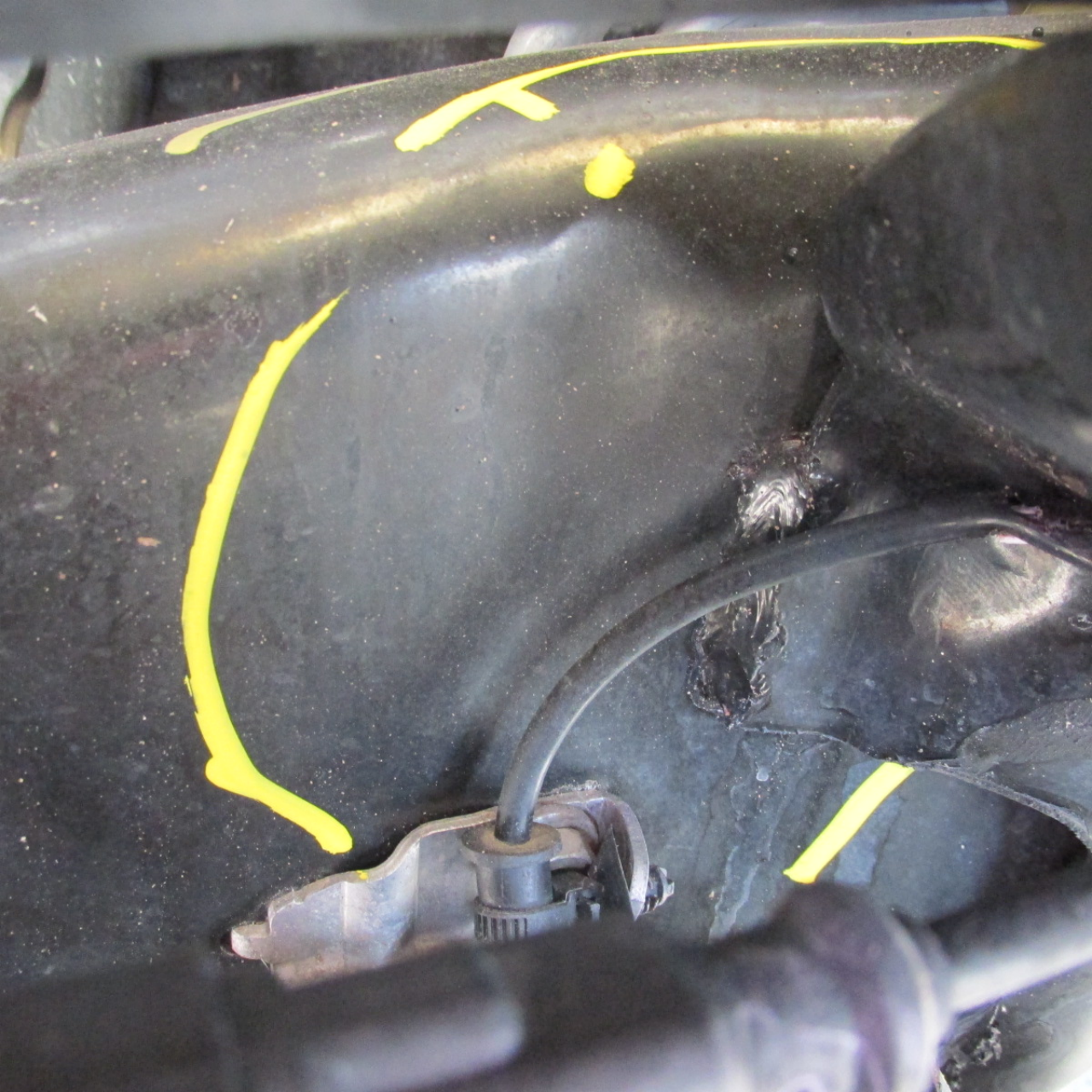








COTTER PIN NO. G 002 28052













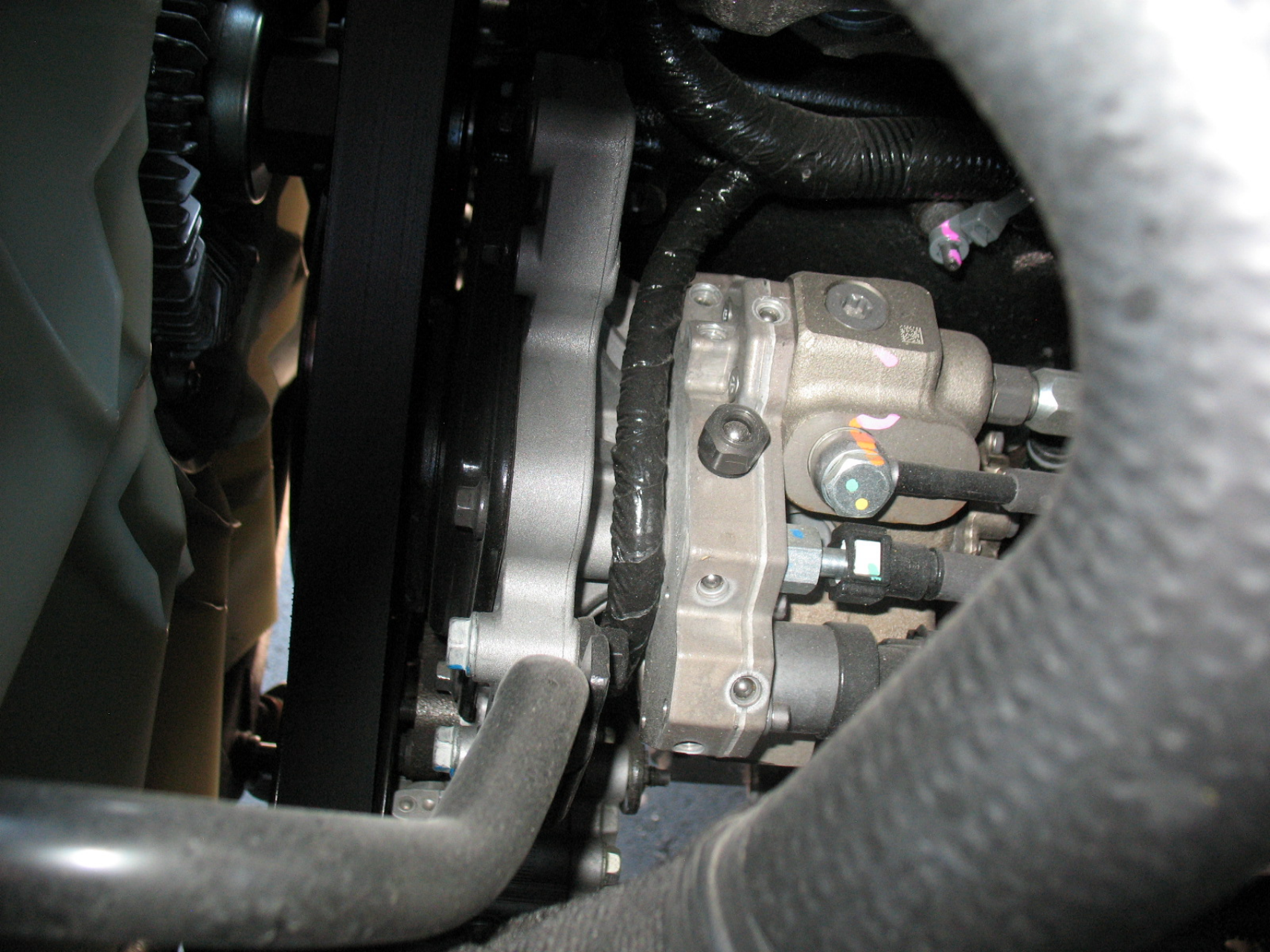




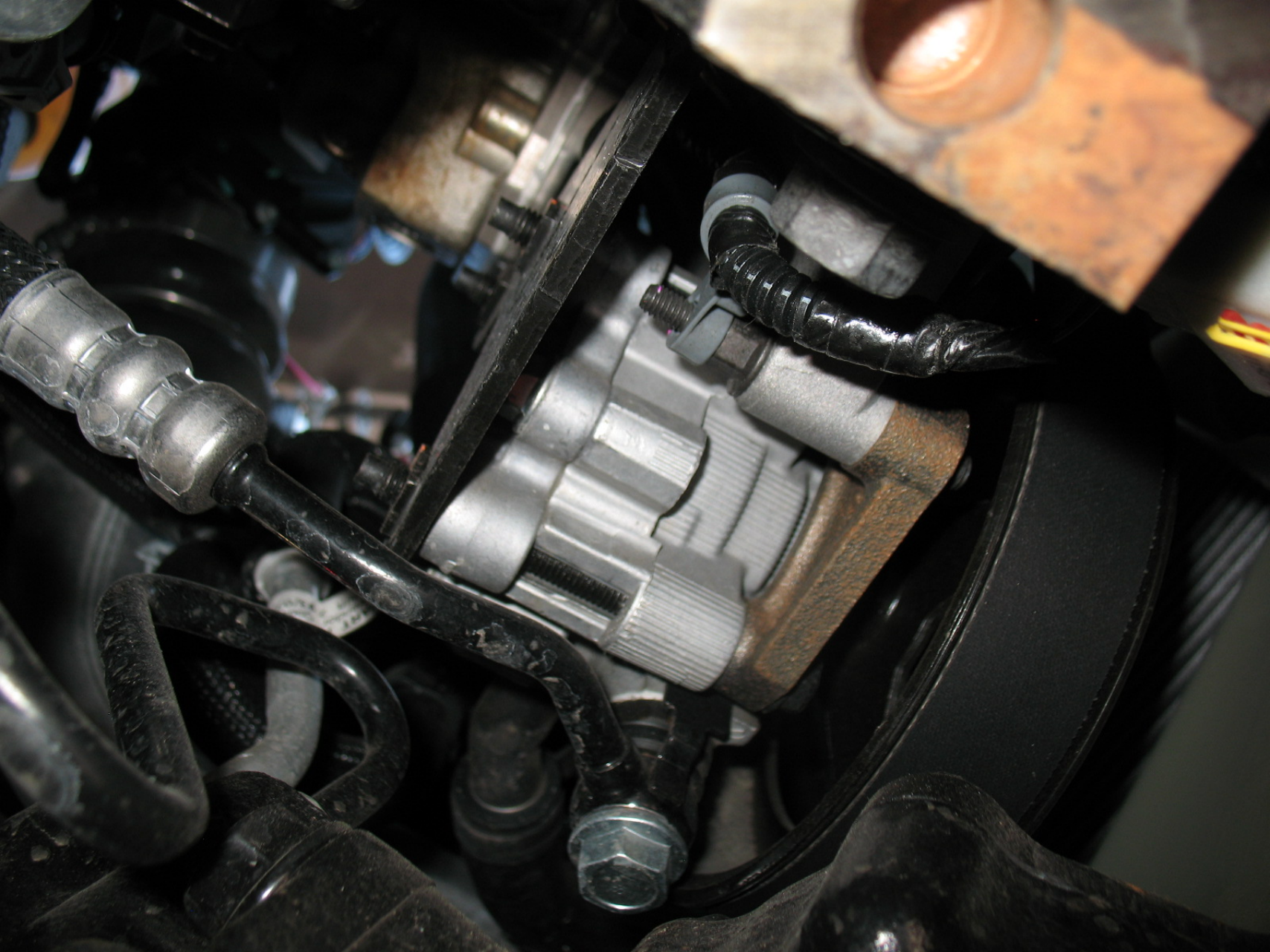


MAX

MIN











DYNAPRO

HANKOOK





OK

DUNLOP  
M7-W



DYNAPRO AT1 M

DOT 61X3 RP H

LR

HANKOOK



DYNAPRO

R/R

DOT EINS RE 11

LT285/70R17

GOODYEAR

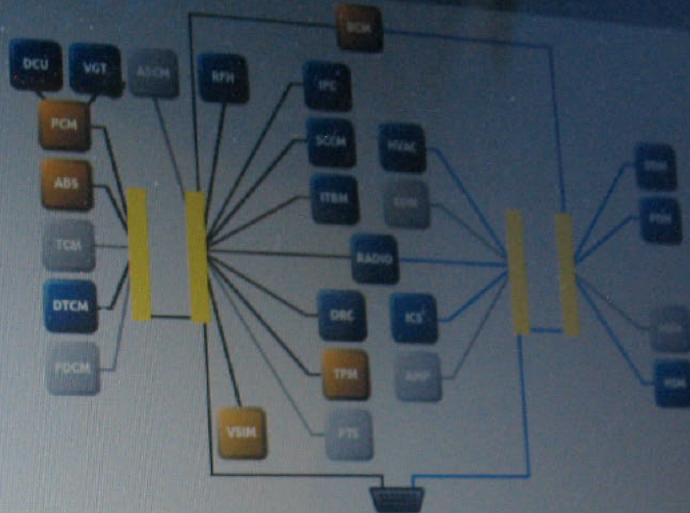
2013 DJ671

VIN: [REDACTED]

Battery: 12.17 volts

Legend

- Active ECU
- Non-responsive ECU
- DTCs Present
- ECU Not Built
- ♻️ Scanning ECU
- ⚡ New Flash Available
- CAN-C
- CAN-IHS



[All DTCs](#)
[Diagnostic Procedures](#)
[Customer Preferences](#)
[Vehicle Preparations](#)

Double-click row selection to view environmental data. Click on column heading to sort table.

[View Freeze Frame](#)
[View Event Data](#)
[Clear Stored DTCs](#)

All Active Stored Pending

	ECU	Code	Status	Description
	VSIM	B2253-11	Stored	Unknown
	VSIM	B0050-11	Active	Unknown
	VSIM	B2103-11	Active	Unknown

A A

[Disconnect](#)
Warnings: 0 Events

[Knowledge Base Articles](#)

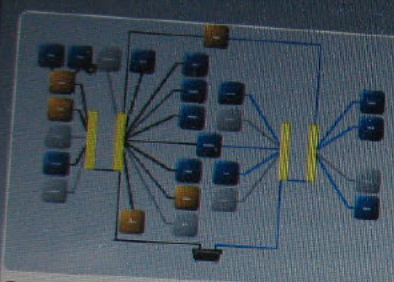
Login OFF-line

TOSHIBA



ECM View  
Click on tabs to access various ECU operations and information for the selected ECU.

Search Service Information  
Enter search phrase here



- Flash
- Data
- DTCs
- Actuators
- System Tests
- Misc Functions
- ECU Details

Click on the buttons to view the desired information. Click on column heading to sort table.

Overview

**Name:**  
Powertrain Control Module

**Flash Part Number:**  
32370031AQ

**Bus Type:**  
CAN C

**Hardware Version:**  
00.01

**Software Version:**  
13.04.01

**Spare Part Number:**  
Not Available

**ISO Code:**

**Software Number:**  
Not Available

**Hardware Number:**  
Not Available

**Original VIN**  
[REDACTED]

**Current VIN**  
[REDACTED]

Name	Value
Software (Boot) Part Number	00000000XX
VIN (Original)	[REDACTED]
VIN (Current)	[REDACTED]
Software (Code) Part Number	[REDACTED]
Diagnostic Version	32370031AQ
Supplier ID	03
Production/Development Status	Cummins
ECU Part Number	Production
ECU Origin	32370031AQ
Variant ID	DCA
Vehicle Line	CM2350-\$24
Body Style	DJ
Model Year	4-Door Pickup
Country Code	13
Serial Number	USA
Reprogramming Attempt Counter	00 3D EC B9
Software Version (Major)	1
	13

Disconnect Warnings: 0 Errors: 24



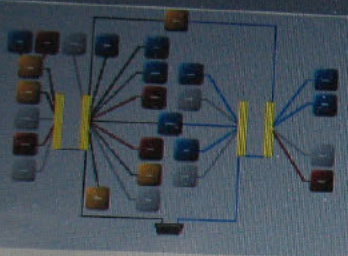


# ABS View

Click on tabs to access various ECU operations and information for the selected ECU.

Search Service Information

Enter search phrase here



## Overview

**Name:**  
Anti Lock Brakes

**Flash Part Number:**  
68052421AG

**Bus Type:**  
CAN C

**Hardware Version:**  
00.00.00

**Software Version:**  
#0: 13.21.01

**Spare Part Number:**  
Not Available

**ISO Code:**

**Software Number:**  
Not Available

**Hardware Number:**  
Not Available

**Original VIN**  
[REDACTED]

**Current VIN**  
[REDACTED]

- Flash
- Data
- DTCs
- Actuators
- System Tests
- Misc Functions
- ECU Details**

Click on the buttons to view the desired information. Click on column heading to sort table.

Name	Value
Active Diagnostic Variant	40
Active Diagnostic Version	6
Hardware Part Number	68052421AG
Software Part Number	68052421AG
ECU Part Number	68052421AG
HW - year	00
HW - week	Invalid Value
HW - patch level	00
SW - year	13
SW - week	21
SW - patch level	1
ECU Serial Number	TY9HI1713B5189
VIN Original	[REDACTED]
VIN Current	[REDACTED]
ECU File Name	ABS/ABS_PN/40
ECU Database ID	6969

Overview Configuration

Knowledge Base Articles

Login

Off-line

Disconnect

Warnings: 0 Errors: 0



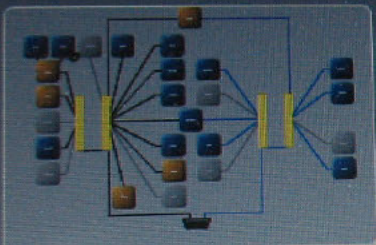




# BCM View

Click on tabs to access various ECU operations and information for the selected ECU.

Search Service Information



## Overview

**Name:**  
Body Controller

**Flash Part Number:**  
68200255AD

**Bus Type:**  
CAN C

**Hardware Version:**  
0A.14.00

**Software Version:**  
#0: 13.09.64

**Spare Part Number:**  
Not Available

**ISO Code:**

**Software Number:**  
Not Available

**Hardware Number:**  
Not Available

**Original VIN**  
[REDACTED]

**Current VIN**  
[REDACTED]

- Flash
- Data
- DTCs
- Actuators
- System Tests
- Misc Functions
- ECU Details**

Click on the buttons to view the desired information. Click on column heading to sort table.

Overview Configuration

Name	Value
HW - year	10
HW - week	20
HW - patch level	0
SW - year	13
SW - week	9
SW - patch level	64
Boot SW - Year	11
Boot SW - Week	35
Boot SW - Patch Level	0
Hardware Supplier Identification	Continental
Model Year	2013
Vehicle Line	DJ
Body Style	4-Door Pickup
Country Code	USA
ECU Serial Number	T1C182345797
ECU File Name	BCM/BCM_PN/40
ECU Database ID	6756
A	A

Disconnect

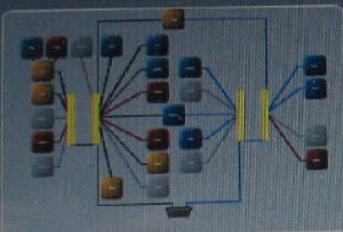
Warnings: 0 Errors: 24





## TPM View

Click on tabs to access various ECU operations and Information for the selected ECU.



- Flash
- Data
- DTCs
- Actuators
- System Tests
- Misc Functions
- Details**

Click on the buttons to view the desired Information. Click on column heading to sort table.

Overview Configuration

### Overview

**Name:**  
Tire Pressure Monitor

**Flash Part Number:**  
56029542AD

**Bus Type:**  
CAN C

**Hardware Version:**  
08.2D.00

**Software Version:**  
#0: 11.51.00

**Spare Part Number:**  
Not Available

**ISO Code:**

**Software Number:**  
Not Available

**Hardware Number:**  
Not Available

**Original VIN**  
[REDACTED]

**Current VIN**  
[REDACTED]

Name	Value
VIN Current	[REDACTED]
VIN Original	[REDACTED]
ECU Part Number	56029542AD
Software Part Number	56029542AD
Hardware Part Number	56029542AD
Diagnostic Variant	40
Diagnostic Version	1
Sw Version - Week	51
Sw Version - Patch level	0
Sw Version - Year	11
Hw Version - Year	8
Hw Version - Patch level	0
Hw Version - Week	45
Hardware Supplier	Schrader
Software Supplier	Schrader
ECU File Name	TPM/TPM_PN/40
ECU Data	KAN2
A	A

Disconnect

Warnings: 0 Errors: 0

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# VCI Firmware Version : 2.03

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## DTCM View

Click on tabs to access various ECU operations and Information for the selected ECU.

Search Service Information Enter search please here

WITCH

Flash Data **DTCs** Actuators System Tests Misc Functions ECU Details

Double-click row selection to view environmental data. Click on column heading to sort table.

All Active Stored Pending

View Freeze Frame

View Event Data

Clear Stored DTCs

ECU	Code	Status	Description
DTCM	U0415	Active	Implausible Data Received from ABS

### Overview

#### Name:

Drive Train Control Module

#### Flash Part Number:

56029590AD

#### Bus Type:

CAN C

#### Hardware Version:

10.11

#### Software Version:

02.03.07

#### Spare Part Number:

Not Available

#### ISO Code:

#### Software Number:

Not Available

#### Hardware Number:

Not Available

#### Original VIN

#### Current VIN

(14) New knowledge base articles

Offline

Disconnect

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