


CONFIDENTIAL

Technical Report

Reference # : **NA-TR-2008-00730** **Status** :  **Linked**
Target : 28-Jan-2009 **Responsible** : Jerome Gregeois (NA-NNA-PEI)
Subject : 2008 A34 Minor TI Due to A/T Cooler Hose Pinhole Leak

General

Local reference#	: CC276c	Author	: Chris CHILDRESS
Priority	: H -High Priority	Author organisation	: TSM
Request	: PRCM -Production C/M	Originating country	: U.S.A.
		Destination region	: NA -North America
Taskforce report	No	Restricted Access	:
Model	: A34	Source of information	: Part/Vehicle Inspection
Model year	: 2008	Customer impact	: L -Low or No Impact
Priority & request comments	:	F1 cause	:
VIN	: 1N4BA41E08C XXXXXXXXXX	Production date	: 13-Dec-2007
Basic model	:	Sold date	: 09-May-2008
Prefix	:	Engine type	: VQ35DE
Suffix	:	Engine nr	: 796149Z
Serial nr	:	Transmission type	:
Vehicle type	:	Transmission nr	:
Plant code	:		

Related documents

Link to project : [NA-PRO-2007-01706](#) 2008 A34 - AT cooler hose leakage TI

Related Documents

IPS	Status	Status Date	Target	Responsible
NA-IPS-2008-00921	Closed	30-May-2008		-

File Attachment	Attachment Type	Attachment description
Open	Graphic	Photo 2 of incident vehicle hood insulator - VIN 8C822787.
Open	Graphic	Photo 1 of incident A/T cooler hose - VIN 8C822787.
Open	Graphic	Photo 2 of incident A/T cooler hose - VIN 8C822787.
Open	Graphic	Photo of undercarriage of incident vehicle - VIN 8C822787.
Open	Graphic	Photo 1 of top / front of incident vehicle engine - VIN 8C822787.
Open	Graphic	Photo 2 of top / front of incident vehicle engine - VIN 8C822787.
Open	Graphic	Photo 3 of top / front of incident vehicle engine - VIN 8C822787.
Open	Graphic	Photo 4 of top / front of incident vehicle engine - VIN 8C822787.
Open	Graphic	Photo of incident vehicle intake duct - VIN 8C822787.
Open	Graphic	Photo 1 of incident vehicle hood insulator - VIN 8C822787.

Coding block

Unit code	: DCH_AT -Auto Trans	PFP	: 21631-ZK30A
SM category	: ATH -Case, fitting, line & torque converter	Additional PFP	:
Cs code	: AP -abnormal smoke	Ct code	: 02 -cut / torn / seperated (soft material)
DTC code	:	Warr group code	: C2 -Cooling system for powertrain
Phenomenon	:	Block #	:

Identification : BLOCK # :
 Tread code : 10 -Powertrain F, S, S, S : Yes

Incident details

Incident mileage : 326 Miles Date of incident : 14-May-2008
 Country or town of incident : Roswell, GA
 Dealer code : 1841 Dealer issue date :
 Dealer name : Regal Nissan

Customer complaint : Customer states that front of engine caught fire under hood.

Details of incident : 1.how did the customer notice the incident

Customer was waiting in carpool line to pick up child after school on May 13, 2008 when smoke was seen coming from under hood. Customer pulled the vehicle out of line and saw fluid coming from under front of vehicle. Customer raised the hood and saw melted plastic on the Intake Manifold Cover (engine cover) and Intake Air Duct. Soot could be seen on the Hood inner and Hood Insulator above the melted parts. Vehicle was towed to dealer that evening after dealer service department was closed.

2.What are the incident conditions

See above.

3.Inspection done & result

TSM inspected vehicle at Regal Nissan on the morning of May 14, 2008. CVT fluid was found on the front of the vehicle's undercarriage and right hand front of engine, etc. There was evidence of small thermal incident at right hand front of engine. The damage consisted of minor melting of intake manifold cover, intake air duct and one hood insulator clip. Root cause of thermal incident was found to be a pin hole in Auto Transmission Cooler Hose P/N 21631-ZK30A. TSM requested the dealer replace the incident Auto Transmission Cooler Hose and the damaged Intake Manifold Cover, Intake Air Duct and Hood Insulator Clip. Incident parts were sent to NNA FQI for further investigation.

Repairs done & results : 1. Repairs done

Dealer replaced the incident Auto Transmission Cooler Hose and the damaged Intake Manifold Cover, Intake Air Duct and Hood Insulator Clip and cleaned the engine compartment and undercarriage of CVT fluid.

2. Results

Incident was resolved.

Vehicle details

VIN	: 1N4BA41E08C [REDACTED]	Engine type	: VQ35DE
Basic model	:	Engine nr	: 796149Z
Prefix	:	Transmission type	:
Suffix	:	Transmission nr	:
Serial nr	:	Body type	:
Vehicle type	:	Grade	:
Plant code	:	Airbag	:
Production date	: 13-Dec-2007	ABS	:
Sold date	: 09-May-2008	Air conditioning	:
Registration nr	:	Color code	: K50-G
Customer name	: Deanna S. Walker	Truck features	:

Parts details

Part nr	Part name	Supplier	Quantity available
1. 21631-ZK30A	Hose-Auto Transmission Oil Cooler		1

2. 14041-ZK00A	Cover-Intake Manifold	1
3. 16554-ZK30A	Duct Assy-Air	1
4. 65840-ZK30A	Insulator-Hood	1

Estimates & Survey

NSC Estimates

Incident ratio : Cost of repair :
 Average mileage :

Survey

IQS2 question nr : TR11 -Transmission-Fluid leaks JD Power :
 APEAL question nr : VI02 -Image-safety

Workflow & History

Security

Responsible	:	Region	Organisation	Department	Name	Role
	:	NA	NNA	PEI	Jerome Gregeois	PI
Sharing	:	No				

Admin only

Deadline date : 28-Jan-2009
 Archive Date :
 Current user : Jerome Gregeois
 Authors : NONE
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Bring to the attention of
 User 1 : Juddy Doi(NA-NNA-PEI)
 User 2 : John CONNOLLY(NA-NNA-PEI)
 User 3 : Jerome Gregeois(NA-NNA-PEI)

Document History

Date	Action	New Status	By	Organisation	New Resp	Simulated by	Comments
28-May-2008	Save	Draft	Chris CHILDRESS	TSM	Chris CHILDRESS		
30-May-2008	Request	Awaiting	Chris	TSM	Steve LIEN T		

02-Jun-2008	Approval Publish	Approval Public	CHILDRESS Steve LIEN T	TSM	Jerome Gregeois	
02-Jun-2008	(Link to Project from Project)	Linked	Jerome Gregeois	NNA	Jerome Gregeois	NA-PRO-2007-01706