



SERVICE BULLETIN

Classification: EL05-012	Reference: NTB05-053	Date: June 29, 2005
-----------------------------	-------------------------	------------------------

2002 - 2005 ALTIMA; MIL ON WITH DTCs STORED P0444, P0447, P0605, P1122, P1444, P1490

APPLIED VEHICLE: 2002 – 2005 Altima (L31)

IF YOU CONFIRM

A MIL ON, with any of the following codes stored,

- DTC P0444, P0447, P0605, P1122, P1444, P1490,

ACTION

- Check the Engine Room Harness for “chafing” (wire insulation has rubbed through).

NOTE: The area to check is located at the left side (driver side) bulkhead near the left wiper pivot.

- If chafing/damage is found, repair or replace the harness.

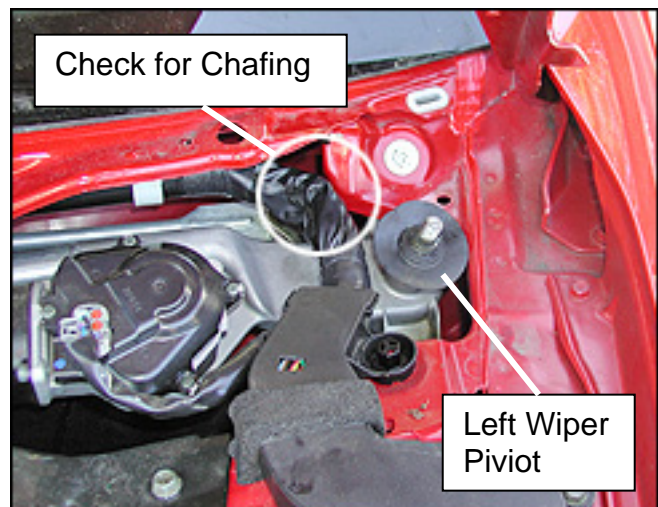


Figure 1

IMPORTANT: The purpose of "ACTION" (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (starting on page 3) as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
Harness (Engine Room)	24012-xxxxx (1)	1; if needed
Tie-Wrap (Harness)	24200-8J000	1; if needed
Solder Sleeve Connector	24361-79902	1 to 4: if needed

(1) Enter the VIN of the vehicle you're working on into the FAST parts system (or equivalent electronic parts catalog) to obtain the correct Engine Room Harness part number.

CLAIMS INFORMATION

Submit a Primary Failed Part (PP) line using the following claims coding:

DESCRIPTION	PFP	OP-CODE	SYM	DIA	FRT
R&R Cowl Cover & Check Engine Room Harness	(2)	RX30AA	HD	32	0.3 hrs

(2) Reference the FAST parts system and use the applicable Engine Room Harness P/N as the PFP.

AND, IF necessary use one of the combination operations below:

DESCRIPTION	OP-CODE	FRT
Repair Engine Room Harness	RX301A	0.7 hrs

OR, IF necessary:

DESCRIPTION	OP-CODE	FRT
RPL Engine Room Harness	RX302A	4.0 hrs

SERVICE PROCEDURE

1. Carefully remove the plastic Cowl Top.

- Refer to “Cowl Top” in section EI of the Electronic Service Manual (ESM) for removal information.

2. With the plastic cowl top removed, inspect the Engine Room Harness in the area shown in Figure 2 for chafing.

- #### a. If no chafing/damage is found, this bulletin does not apply.

- Reinstall all parts removed.
- Go back to ASIST for further diagnostic information.

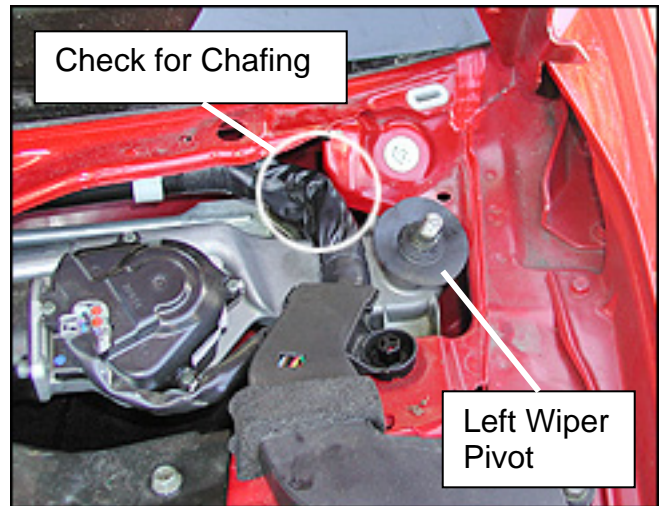


Figure 2

- #### b. If there is chafing/wire damage, count how many wires are damaged.

- 1 to 4 wires damaged; repair each damaged wire using the Flameless Heat Gun J-46538 and Solder Sleeve Connectors (see NTB03-078).

NOTE: Flameless Heat Gun J-46538 and Solder Sleeve Connectors J-47003 are essential tools and can be ordered from TECH-MATE at 1-800-662-2001 – option 1.

- 5 or more wires damaged; replace the Engine Room Harness.
 - Refer to section PG in the ESM for Engine Room Harness replacement information.

3. After the engine room harness is repaired or replaced, make sure the harness is routed at least 20 mm (3/4 in) away from the cowl in the area where it was damaged.

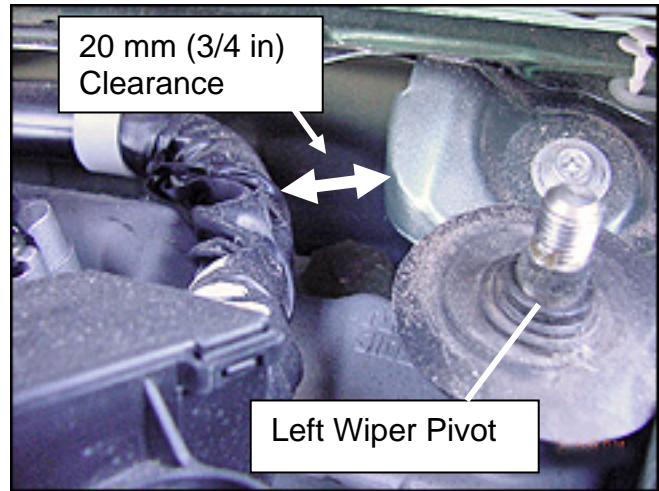


Figure 3

- If needed, cut the tie-wrap shown in Figure 4, pull the harness towards the right side (passenger side) of the engine compartment about 25 mm (1 inch). Then use a new tie-wrap to re-secure the harness in place.

The tie-wrap is listed in the Parts Information.

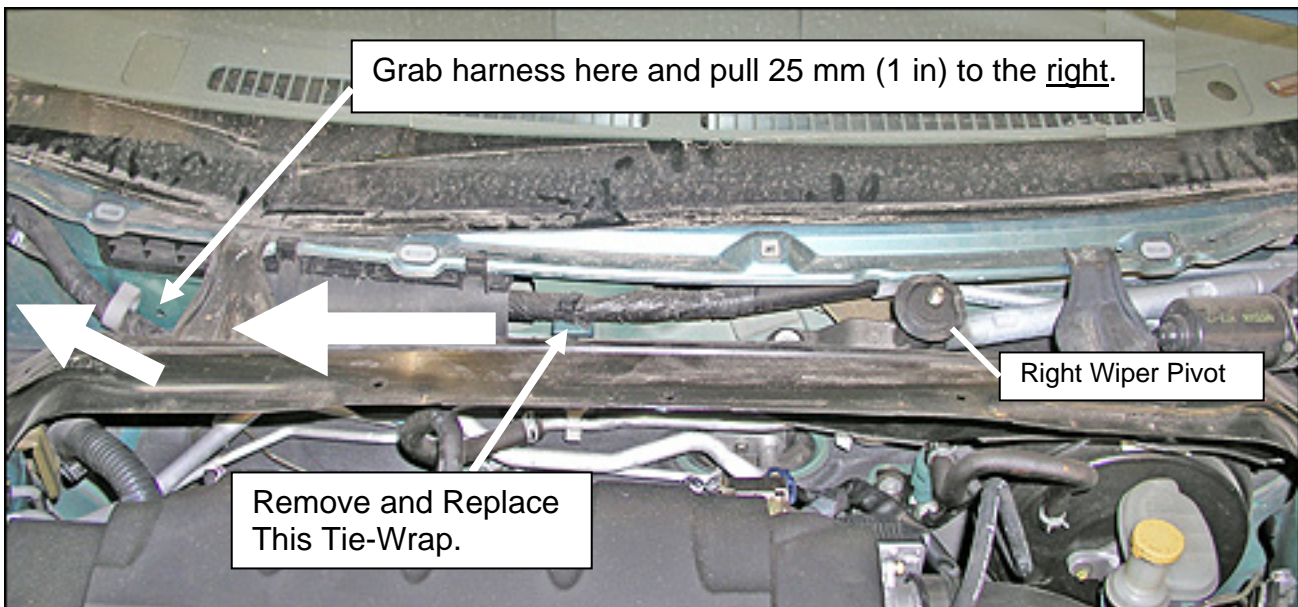


Figure 4

4. Reinstall all parts removed in reverse order.
5. Use CONSULT-II to erase stored DTC codes.