



SERVICE BULLETIN

Classification: AT05-001a	Reference: NTB05-012a	Date: September 20, 2006
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2002 - 2006 SENTRA; 2-3 SHIFT "CHIRP" NOISE

This bulletin has been amended to expand the applied model year range.
Please discard all previous copies of this bulletin.

APPLIED VEHICLE(S): 2002-2006 Sentra (B15)
APPLIED ENGINE : QG18DE
APPLIED TRANSMISSION : RE4F03B

IF YOU CONFIRM

One of the Applied Vehicles has a "chirp" noise as the automatic transmission shifts from 2nd to 3rd gear, particularly when accelerating the vehicle with only 1/8 throttle applied, the noise may be coming from the high clutch assembly during operation.

ACTION

This noise can be eliminated by adding two bottles (200cc each) of Automatic Transmission Fluid Treatment to the transmission. That would be a total of 400cc added. Follow the procedure outlined to confirm and resolve the incident, should it occur.

IMPORTANT: The purpose of "ACTIONS" (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 2) 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
ATF Treatment	31003-31X61P	2

NOTE:

- The Automatic Transmission Fluid Treatment is available from the Nissan Direct Ship Chemical Care Product Program: Phone 1-800-811-0502, Fax 1-770-218-0148, or web site www.NissanChemicals.com
- This product is intended for use by Nissan dealership personnel only.

CLAIMS INFORMATION

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

OPERATION	PFP	OP CODE	SYM	DIA	FRT
Check ATF, add conditioner	31003-31X61P	JC99AA	ZL	32	0.2 hrs

SERVICE PROCEDURE

1. Confirm incident. The symptom, if it should occur, usually happens when upshifting with light to moderate throttle application. After confirming the incident, continue to drive the vehicle until the engine is at operating temperature.
2. Check the Automatic Transmission fluid level:
 - a. Park vehicle on a level surface, put the A/T gear selector lever in "P", set the parking brake, and leave the engine idling.
 - b. Remove the A/T dipstick and wipe it clean with a lint-free paper.
 - c. Re-insert the dipstick into the dipstick tube as far as it will go.
 - d. Remove the dipstick and note the fluid level reading.

WARNING: Before adding the treatment, the fluid level must be at least one pint **BELOW** the top of the “HOT” range on the dipstick. Check the fluid at operating temperatures of 50° to 80°C (122° to 176°F).

3. Stop the engine. If fluid needs to be drained, allow the vehicle to cool and drain the fluid level to the correct amount before going to step 4.
4. Add two (2) bottles (200cc each, 400cc total) of ATF Treatment (P/N 31003-31X61P) by pouring it down the dipstick tube.

CAUTION: The ATF Treatment bottles come packed in oil absorbent material. Wipe the bottles clean before use to prevent this material from entering the transmission.

5. Start the engine, re-check the fluid level and add or drain automatic transmission fluid as needed.

CAUTION: DO NOT overfill the transmission.

6. Drive the vehicle for approximately five miles to circulate the ATF Treatment throughout the transmission.
7. Confirm that the chirp noise is gone.
8. Take the vehicle maintenance log and make a note that ATF Treatment was added to the transmission. Also note the date and mileage.

