



SERVICE BULLETIN

Classification:

EM10-002b

Reference:

NTB11-015b

Date:

February 1, 2013

ALTIMA SEDAN AND COUPE, SENTRA, AND ROGUE WITH QR25DE ENGINE; OIL LEAK

This bulletin has been amended in APPLIED VEHICLES, SERVICE PROCEDURE, PARTS INFORMATION, and CLAIMS INFORMATION. Discard all previous versions of this bulletin.

APPLIED VEHICLES: 2007 - 2012 Altima Sedan (L32)
2008 - 2013 Altima Coupe (CL32)
2007 - 2012 Sentra (B16)
2008 - 2013 Rogue (S35)

APPLIED ENGINE: QR25DE (4 cyl)

IF YOU CONFIRM:

Oil is leaking from the upper end of the engine oil cooler (oil cooler). See Figure 1.

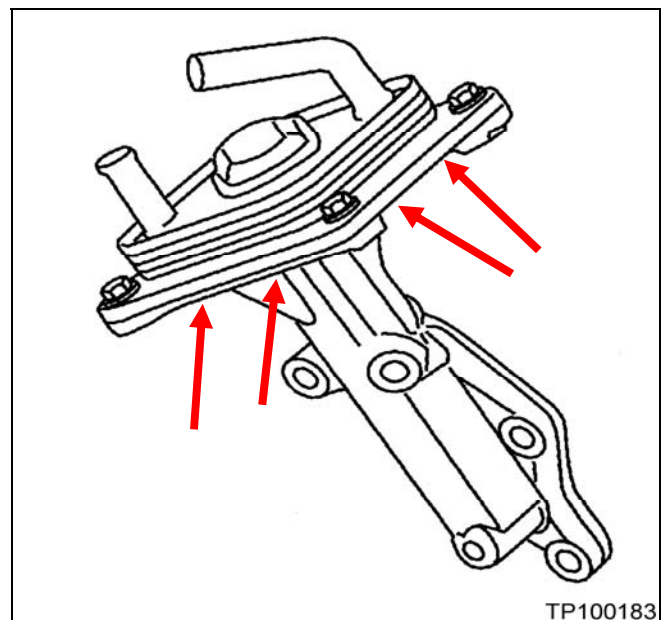


Figure 1

ACTION:

Reseal the oil cooler with the parts listed in the **PARTS INFORMATION** on page 2.

- For repairs, refer to **SERVICE PROCEDURE** starting on page 3.

NOTE: Do not replace the complete engine oil cooler assembly for this incident, if it should occur.

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
O-RING (gasket – inside oil cooler)	21304-JA05A	1
GASKET – OIL COOLER (at block)	21304-JA00A	1

CLAIMS INFORMATION

ALTIMA & SENTRA

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Oil Cooler O-RING Gasket	(1)	CX15AA	ZQ	53	1.4

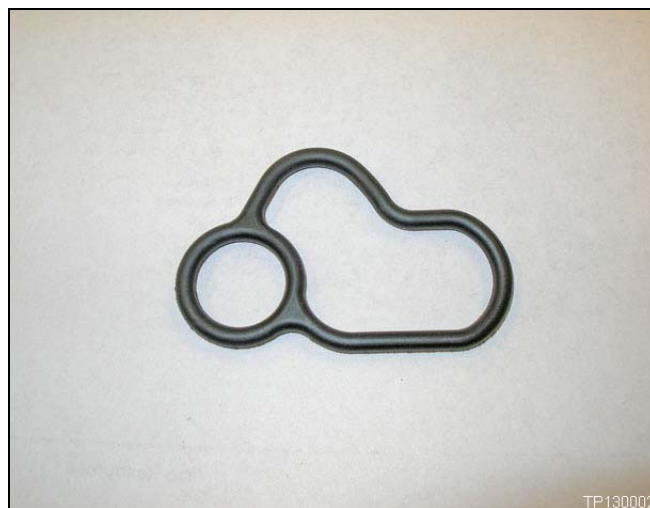
(1) Reference the **PARTS INFORMATION** Table and use the applicable Oil Cooler O-RING Gasket part number as the primary failed part (PFP).

ROGUE

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Oil Cooler O-RING Gasket	(1)	CX15AA	ZQ	53	1.1

(1) Reference the **PARTS INFORMATION** Table and use the applicable Oil Cooler O-RING Gasket part number as the primary failed part (PFP).



O-ring gasket

SERVICE PROCEDURE

1. Remove the oil cooler from the engine block.
 - Refer to the appropriate section of the Electronic Service Manual (ESM) if needed.
 - Perform repairs in a clean work environment.

2. Remove the four (4) bolts, and then remove the upper half of the oil cooler. See Figure 2.

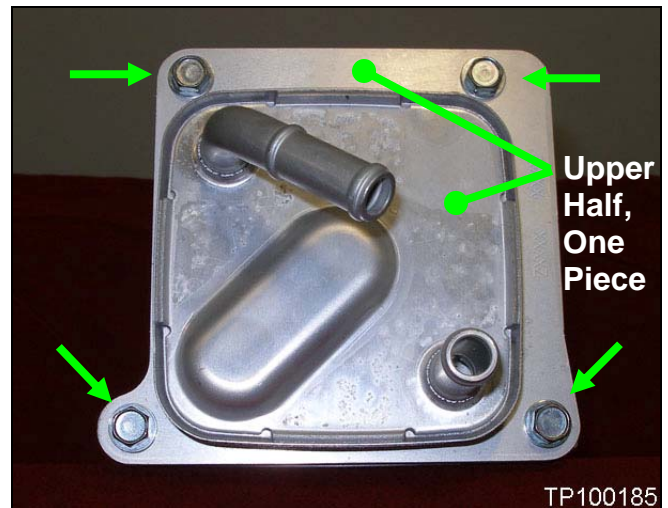


Figure 2

3. Remove the O-ring gasket, and then thoroughly clean out the gasket area and around it with a suitable cleaner.
 - The dashed line in Figure 3 shows the O-ring gasket area to be cleaned.
 - Make sure no debris or contaminants get into the holes.
 - Also clean underneath the upper half of the oil cooler (no picture shown).



Figure 3

4. Lightly coat the new O-ring gasket (see **PARTS INFORMATION**) with engine oil, and then put it in place. See Figure 4.



Figure 4

5. Install the upper half of the oil cooler with the bolts.
6. Torque the bolts in two steps: first step at half value, and then the second step at full value (listed below).
 - Bolts torque sequence: 1-2-3-4-5-6-7-8 (see Figure 5).
 - Bolts torque: 4.0 N•m (0.41 kg-m, **35.4 in lb**)

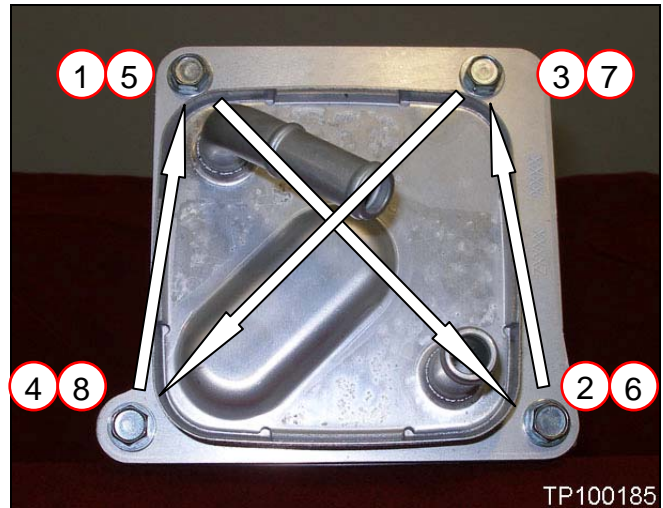


Figure 5

7. Install the oil cooler to the engine with a new gasket (see **PARTS INFORMATION**).
 - Refer to the appropriate section of the ESM if needed.

