



ROADSTER 2014 Clutch Cover Oil Leak - Set Screw (1330 SE6)_000067389_TST61Y014S05_en

Summary:

Due to a lack of bonding of the Loctite 243 an oil leak from a set screw is possible.

Type:

General

TST Detail:

Follow this procedure to repair the potential leak

Tools needed to access affected area:

- Torx 30 screw driver
- 10mm socket and wrench

Tools needed to perform rework:

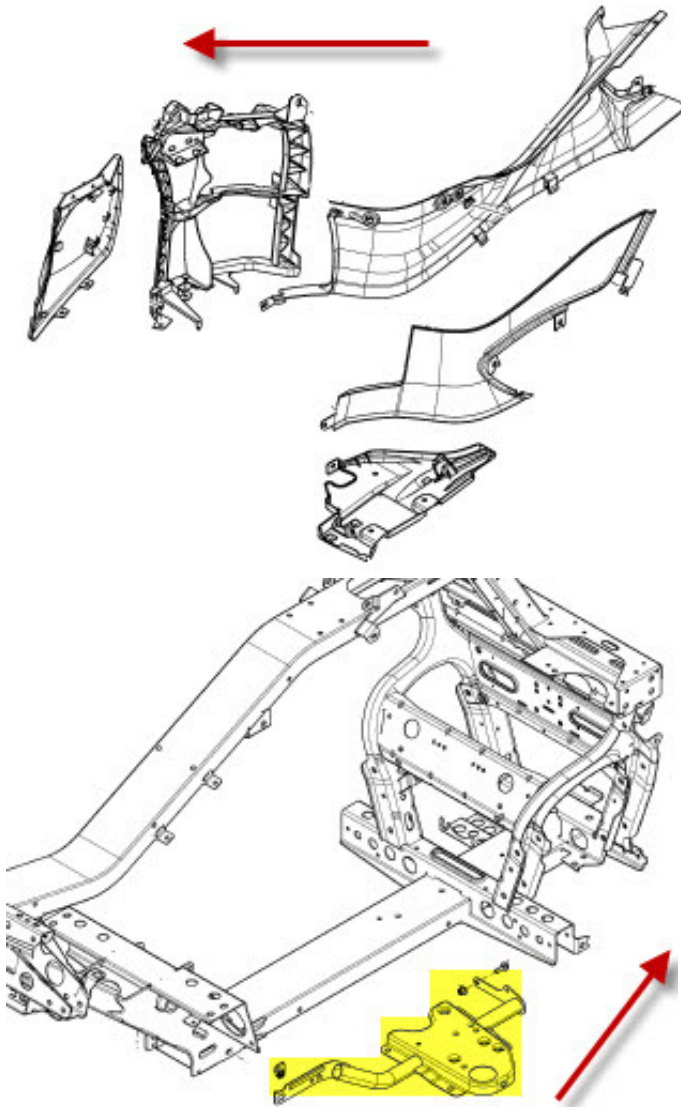
- 5mm ball-end hex socket
- 3mm hex socket

Material needed to perform rework:

- Loctite 243 (Blue) 293 800 060
- Loctite 7649 (Primer) Found locally **Absolutely necessary**
- Pulley Flange Cleaner 413 711 809 or equivalent
- Elastic flanged nut 2 x 250 100 130 (optional)

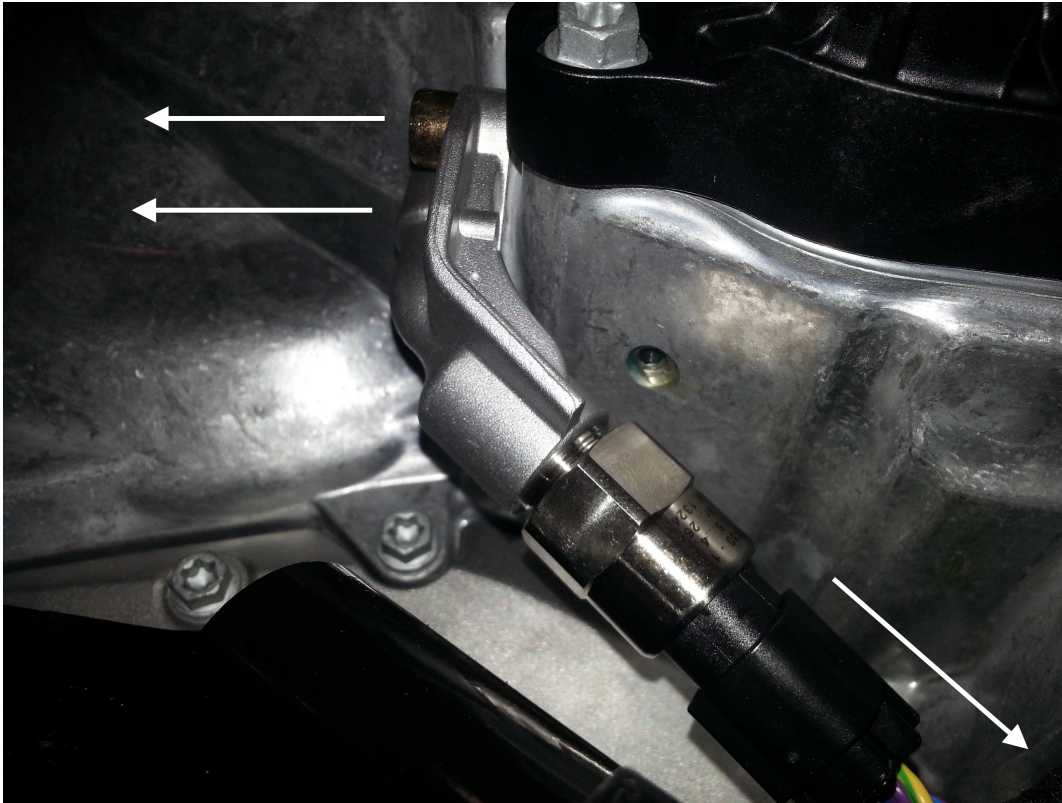
Repair procedure

1. Access set screw
 - a. Remove RH upper lateral panel
 - b. Remove RH lower lateral panel
 - c. Remove the RH Side Panel Support Ass'y
 - d. Remove RH Deflector Pannel
 - e. Remove RH Lower Lateral Support



2. Remove clutch oil pressure sensor housing

- a. Disconnect oil pressure sensor.
- b. Use 5mm ball-end hex socket or short 90 degree 5mm hex key.



3. Remove set screw

- a. Place pan on the floor to accumulate oil.
- b. Using 3mm hex socket remove set screw (if difficult to remove, heat area with heat gun to loosen Loctite)
- c. Wait 5 minutes in order to allow oil to drain.



4. Clean and dry oil circuit

- Spray Pulley Flange Cleaner 413 711 809 or equivalent through oil pressure sensor housing hole.
- Dry using compressed air (blowing through oil pressure sensor housing hole).
- Repeat until the set screw threads remain dry.

5. Clean and dry set screw

- Removing left over Loctite
- Use Pulley Flange Cleaner 413 711 809 or equivalent to dry set screw.

6. Loctite 4976 Primer application **IMPORTANT**

- a. It is absolutely necessary to apply Loctite 4679 Primer on threads before the application of Loctite 243 (blue).
- b. Apply Loctite 4976 Primer on threads of set screw and clutch cover.
- c. Allow Primer to dry for 60 seconds.

7. Loctite 243 (blue) application

- a. Apply enough Loctite 243 (blue) on set screw threads to cover entire threaded area.



8. Installation of set screw

- a. Install set screw within 60 seconds of application of Loctite 243 (blue).
- b. Make sure you start the set screw by hand to avoid cross-threading due to cover angle.
- c. Torque set screw to 6 Nm (53 lbf*in)



9. Allow the Loctite 243 (blue) to cure for 5 minutes minimum before attempting to start the engine.
10. Install oil pressure sensor housing
 - a. Torque Allen bolts to 11 Nm (97 lbf*in)
 - b. Connect oil pressure sensor.
11. Confirm oil leak is not present
 - a. Start the engine (respect step 9).
 - b. With parking brake applied shift transmission in 1st gear (press brake pedal).
 - c. Inspect set screw area for oil leak.
12. Reassemble unit in reverse order of disassembly.
 - a. Replace elastic flanged nuts for RH Lower Lateral Support.

Claiming procedure:

System: 01

Labor: 00

Trouble part: 420241613

Part extra labor: 420241613.....1.1hr.

Attachment:

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