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ROADSTER 2015 Clutch Lever Difficult To Pull In - No Clutch Assistance (RT SM6)_109796_MES61Y015S05_en

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Article Detail

Problem:

The hoses may be incorrectly attached to the clutch assist solenoid. This will cause the clutch lever to be difficult to pull in.

No other symptoms or damage to clutch are possible.

Solution:

Follow the repair procedure to inspect and install the hoses correctly.

Parts:

Description	P/N	QTY
Clamp	420851463	2 or as needed

Repair Procedure:

Perform Clutch Assist Quick Test

With the engine not running, depress the clutch lever a few times.

Note clutch lever resistance.

Start engine and let run at idle.

Depress clutch lever a few times.

Compare lever resistance with and without engine running.

Lever must be easier to depress when the engine is running. Otherwise, inspect the clutch solenoid hose connections.

Clutch solenoid inspection

Remove the RH top side panel.

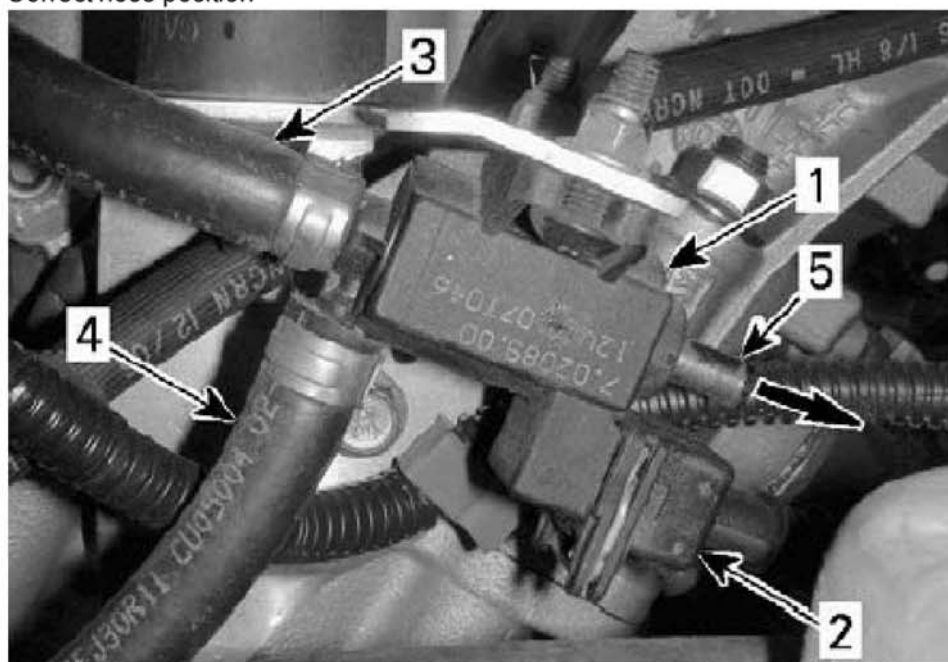
Remove the air intake manifold.

Disconnect clutch solenoid valve connector.

Remove screws securing clutch solenoid valve to support bracket.

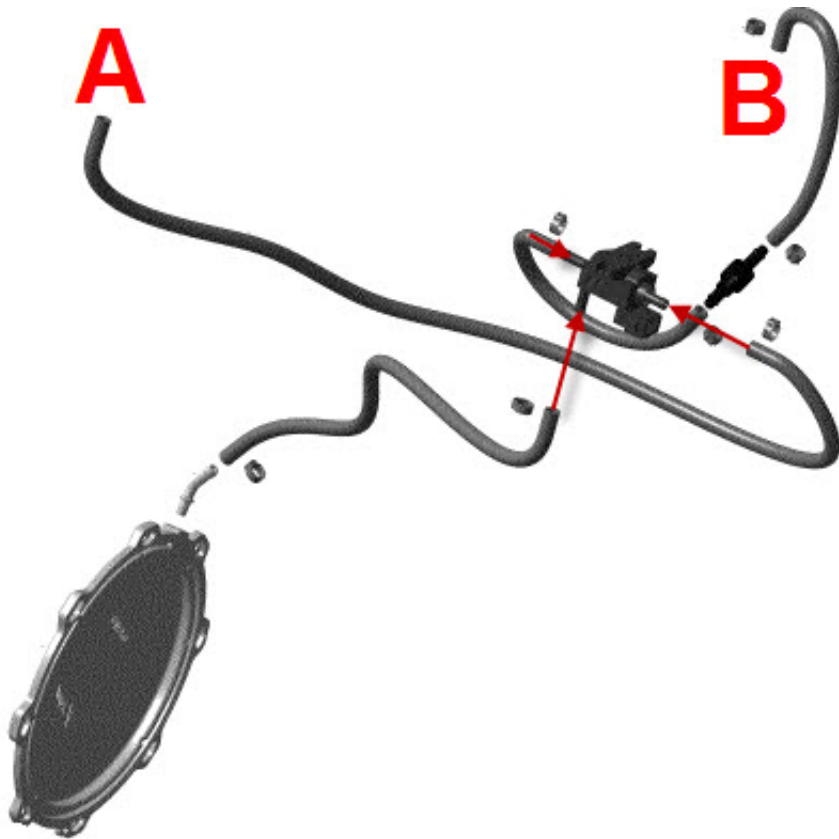
Confirm the hose positions.

Correct hose position



1. Solenoid valve

2. Solenoid connector
3. Vacuum hose from intake manifold
4. Vacuum hose to diaphragm cover
5. Hose to air box



A = Intake manifold

B = Airbox

Cut Oetiker clamps and remove hoses from clutch valve solenoid.
Install hoses in their correct positions.

Warranty:

A regular or PDI can be processed for this repair.

System: 05

Job: 63

Labor: 0.7hr

Trouble Part: 420664635

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