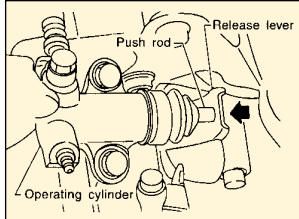


insider info

Clutch Pedal Sticking

If you encounter a customer complaint of the clutch pedal not returning completely after being engaged, or if there is a spongy or light pedal feel while shifting, the following repair method should be followed. This condition may affect certain manual transmission vehicles with a hydraulic clutch system under certain weather conditions. The affected manual transmission Subaru models are as follows:



1995-2002 Legacy
1997-2003 2.5L Impreza
1998-2003 Forester

To correct this condition you must replace the parts in the chart that match your vehicle using the following procedures:

Replacement Clutch Parts:

- 2002 WRX (5MT)
Clutch Operating Cylinder: Do not replace
Clutch Hose: 37251AA003
Gaskets for Hose: 114130151 X 2
- Legacy (5MT)
Clutch Operating Cylinder: 30620AA042
Clutch Hose: 37251AC001
Gaskets for Hose: 114130151 X 2
- Impreza (5MT)
Clutch Operating Cylinder: 30620AA042
Clutch Hose: 37251AC001
Gaskets for Hose: 114130151 X 2
- Forester (5MT)
Clutch Operating Cylinder: 30620AA042
Clutch Hose: 37251AC001
Gaskets for Hose: 114130151 X 2

For naturally-aspirated models with hydraulic clutches:

- Remove the intake chamber from the backside of the intake manifold.
- Remove the clutch hose and the clutch operating cylinder. In this procedure it is not necessary to remove the master cylinder, the clutch pipe bracket.
- Replace the clutch hose and the clutch operating cylinder with new parts as listed below. Note that two pieces of gasket (P/N 114130151) used on the connector of the operating cylinder must be replaced with new ones when replacing the clutch

hose. Tightening torque of the bolt is: 37 ± 3 Nm (27 ± 2 ft. lbs).

- Bolt the operating cylinder onto the transmission.
- Add brake fluid.
- Bleed the air from the system.
- Bleed the air from the system.
- Install the intake chamber.

For turbo models:

- Remove the intercooler.
- Remove the clutch operating cylinder hose. In this procedure, the clutch master cylinder, clutch pipe and bracket are unnecessary to be removed.
- Replace the clutch hose that was removed with the new one listed below. Note that two pieces of gasket (P/N 114130151) used on the connector of the operating cylinder must be replaced with new ones when replacing the clutch hose. Tightening torque of the bolt is: 37 ± 3 Nm (27 ± 2 ft. lbs).
- Add brake fluid.
- Bleed the air from the system.
- Install the intercooler.
- Insure there is no leakage from the line, check whether fluid leakage occurs after the clutch pedal has been fully depressed.
- Check whether the clutch performs normally.