


**SERVICE BULLETIN**

**APPLICABILITY:** 1995~2002MY Legacy;  
1997~2003MY 2.5L Impreza; and  
1998~2003MY Forester Vehicles.  
All models have Manual Transmission.

**NUMBER:** 03-52-03R  
**DATE:** 07/15/03

**SUBJECT:** Clutch Pedal Sticking (revised)

**INTRODUCTION**

In the event you encounter a customer complaint of the clutch pedal not returning completely after being engaged, or has a spongy pedal feel or a light feel in the shifting pedal 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.

**PROCEDURE**

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

**For Natural Aspiration models with hydraulic clutches**

- 1) Remove the intake chamber from the backside of the intake manifold.
- 2) Remove the clutch hose and the clutch operating cylinder. In this procedure it is not necessary to remove the master cylinder, the clutch pipe and bracket.
- 3) Replace the clutch hose and the clutch operating cylinder with new parts as listed in the chart. 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:  $37 \pm 3$  Nm ( $3.8 \pm 0.3$  kgm) or  $27 \pm 2$  ft. lbs.
- 4) Bolt the operating cylinder onto the transmission.
- 5) Add brake fluid.
- 6) Bleed the air from the system.
- 7) Install the intake chamber.
- 8) Check the following items:
  - a) Insure there is no leakage from the line, check whether fluid leakage occurs after the clutch pedal has been fully depressed.
  - b) Check whether the clutch performs normally.



**CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.**

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.



## **For Turbo models**

- 1) Remove the intercooler.
- 2) Remove the clutch operating cylinder hose. In this procedure, the clutch master cylinder, clutch pipe and bracket are unnecessary to be removed.
- 3) Replace the clutch hose that was removed with the new one listed in the chart. 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:  $37 \pm 3$  Nm ( $3.8 \pm 0.3$  kgm) or  $27 \pm 2$  ft. lbs.
- 4) Add brake fluid.
- 5) Bleed the air from the system.
- 6) Install the intercooler.
- 7) Check the following items:
  - a) Insure there is no leakage from the line, check whether fluid leakage occurs after the clutch pedal has been fully depressed.
  - b) Check whether the clutch performs normally.

<b>MODEL</b>	<b>Clutch Operating Cylinder</b>	<b>Hose - Clutch</b>	<b>Gaskets for Hose</b>
02MY~ WRX (5MT)	Unnecessary to replace	37251AA003	114130151 X 2
Legacy (5MT)	30620AA042	37251AC001	114130151 X 2
Impreza (5MT)	30620AA042	37251AC001	114130151 X 2
Forester (5MT)	30620AA042	37251AC001	114130151 X 2

This change was incorporated in production after the following VIN numbers:

Legacy	All	<b>36*00000</b>	Beginning of the 03 MY
Impreza	Sedan	<b>26529238</b>	April 10,2002
Impreza	Wagon	<b>26835444</b>	April 10,2002
Forester	All	<b>36713250</b>	April 10,2002