

2003 Subaru Forester 5M/T Hill Holder System

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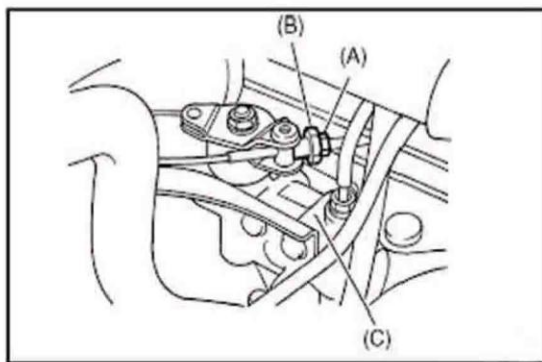
Hill Holder System: Inspection and Adjustment

Confirm the stopping and starting performance by activating the hill holder on an incline of three degrees or greater.

1. If the vehicle does not stop: Tighten the adjusting nut of PHV (pressure control valve) cable.
2. If the vehicle does not start correctly:
 - a.) If the hill holder is released after engagement of clutch (engine tends to stall): Loosen the adjusting nut gradually until smooth clutch engagement is achieved.
 - b.) If the hill holder is released earlier than engagement of the clutch (vehicle rolls down slightly): Tighten the adjusting nut so that hill holder is released during engagement of clutch (status in a). Then make adjustment the same as in a.

NOTE:

- * When turning the adjustment nut, hold the inner cable with pliers to prevent it from turning.
- * Replace the pressure hold valve (PHV) or PHV cable if they are defective and / or damaged.



- A) Lock nut
- B) Adjusting nut
- C) Pressure hold valve

The 2003 Forester 5 speed manual transmission model is equipped with a hill holder.



Operation of the pressure control valve (PHV) is accomplished by means of a cable connected to the clutch pedal and routed through the bulk head to the PHV. The end of the cable at the PHV is adjustable.

If the vehicle does not hold on an incline of 3 degrees or greater, tighten the adjustment cable. If the holder releases after the clutch engagement, loosen the adjustment.