



Transmission Bangs in Reverse

SYMPTOM

With reverse gear already selected, the transmission bangs when the vehicle starts to move backward or when the vehicle is accelerated (torque is applied to the transmission).

PROBABLE CAUSE

The reverse selector is not fully engaged into the countershaft reverse gear.

VEHICLES AFFECTED

Odyssey

KX: 2000 – From VIN 2HKRL1...YH900001 thru 2HKRL1...YH901817

KY: 1999 – ALL

2000 – From VIN 2HKRL1...YH700001 thru 2HKRL1...YH700704

KC: 1999 – ALL

2000 – From VIN 2HKRL1...YH000001 thru 2HKRL1...YH007568

Accord V6 4-door

KK: 1998–99 – ALL

2000 – From VIN 1HGCG1...YA500001 thru 1HGCG1...YA500113

KU: 1998–99 – ALL

KB, KQ, KW: 1998 – ALL

Accord V6 2-door

KX: 1998–99 – ALL

2000 – From VIN 1HGCG2...YA900001 thru 1HGCG2...YA900305

KC: 1998–99 – ALL

2000 – From VIN 1HGCG2...YA800001 thru 1HGCG2...YA801023

KG: 1998–99 – ALL

2000 – From VIN 1HGCG2...YA600001 thru 1HGCG2...YA601161

KE: 1998–00 – ALL

CORRECTIVE ACTION

Replace the servo body assembly.

PARTS INFORMATION

Servo Body Assembly: P/N 27400-P7X-010

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Flat Rate Time: 8.0 hours

Failed Part: P/N 23565-P0Z-000

Defect Code: 042

DIAGNOSIS

1. Interview the customer to determine the type of noise, and exactly when it happens. The following are considered normal and do not require any transmission repair:
 - Noise when putting the transmission into reverse or taking it out of reverse with the vehicle stopped and the brakes applied.
 - Noise when the vehicle is moving in reverse and the accelerator pedal is released.
2. If, from the customer's description, you determine the noise is not normal, test-drive the vehicle to further diagnose the conditions that cause it. If necessary, compare it to another vehicle.
 - If the transmission bangs when the vehicle starts to move in reverse, or when it is accelerated in reverse, go to REPAIR PROCEDURE.
 - If the noise happens under conditions different from above, or the noise is not a bang, troubleshoot other causes (CV joint, etc.).

REPAIR PROCEDURE

1. Drain the transmission, then remove it from the vehicle. Refer to the appropriate shop manual.
2. Disassemble the transmission.

3. Remove the servo body assembly.
 - Remove the servo detent base (2 bolts).
 - Remove the ATF strainer (2 bolts).
 - Remove the accumulator cover (2 bolts).
 - Remove two ATF feed pipes.
 - Remove the servo body assembly (9 bolts). Do not remove the servo separator plate.
4. Install the new servo body assembly.
5. Reassemble the transmission.
6. Install the transmission in the vehicle. Refill the transmission with Honda Premium ATF.
7. Test-drive the vehicle.