

**star bulletin****Service Campaigns**

Date: March 2006
Campaign No 2006020008
Supersedes:
Group: 27

Revision:

**SUBJECT: MODEL 203
MODEL YEAR 2004-05
Inspect transmission pilot bushing at electrohydraulic unit and replace if necessary**

This service campaign has been initiated because DCAG has determined that on affected vehicles with 722.6 automatic transmissions (see VIN range on the following pages) the transmission pilot bushing may have been installed on the control units with non-tempered sealing rings which may cause a small leak to occur. Dealer will inspect the pilot bushing for a color marking and replace if necessary.

Please note this campaign must only be performed in conjunction with an A or B Service maintenance or other necessary warranty repair that requires the underbody paneling to be removed as part of the repair. Removal and re-installation of the underbody paneling is not included in the service campaign work procedure and may not be claimed separately under this service campaign.

Please review the Effective Serial Number chart located on the following pages, and, if necessary, repair the subject vehicles during the vehicle's next service.

Prior to performing this Service Campaign:

- Please check VMI to insure the vehicle is involved and to determine if the vehicle has been previously repaired.
- Please review the entire Service Campaign bulletin.

Approximately 51,934 vehicles are affected.

Effective Serial Number Range

Model	Chassis End Number	
	From	To
203.040	A640640	A716362
	F546119	F627443
203.061	A640680	A705416
	F545571	F618607
203.064	F545136	F618831
203.076	F561896	F619096
203.081	F545674	F616354
203.084	F545468	F622199
203.261	F548253	F618642
203.281	F548272	F609159
203.740	A642329	A707769
203.764	A640764	A701950

Note:

Every vehicle in the VIN range may not be included in the campaign. VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. VMI always overrides the bulletin in reference to a specific vehicle's inclusion in a particular campaign. Please also note that Recall and Service Campaigns do not expire and may also be performed on a vehicle with a vehicle status indicator.

Procedure**A. INSPECT TRANSMISSION PILOT BUSHING AT ELECTROHYDRAULIC UNIT****Note:**

Ensure the underbody paneling is removed as part of A or B Maintenance, or other necessary warranty repair requiring removal of underbody paneling, prior to starting the procedure.

1. Inspect pilot bushing for green color coding(A, Figure 1).
 - If green dot is present, this campaign has been completed.
 - If green dot is not present, proceed to **SUBJECT B**.

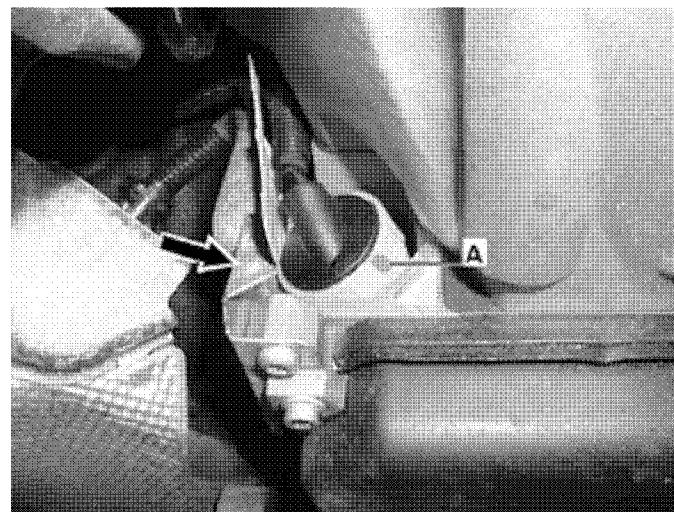


Figure 1

B. REPLACE TRANSMISSION PILOT BUSHING AT ELECTROHYDRAULIC UNIT CAUTION!

Ensure the temperature of the transmission is not higher than 50° C prior to starting repairs.

Note:

If the vehicle has not been operated in a while, run the engine to fill the torque converter with transmission fluid to reduce the amount of fluid that will run out when the pilot bushing is removed.

1. Remove heat shield (arrow, Figure 1).
2. Disconnect electrical connector at transmission.
3. Remove pilot bushing mounting bolt (Figure 2); remove pilot bushing.

Note:

When removing the pilot bushing, catch any transmission fluid that might leak out.

4. Install new pilot bushing and reassemble in reverse order.

- Torque pilot bushing mounting bolt to 3 Nm.
- Torque heat shield bolt to 6 Nm.



Figure 2

5. Mark new pilot bushing with a permanent green dot at location visible with heat shield in place (as shown in Figure 1).

Note:

Ensure the underbody paneling is reinstalled as part of A or B Maintenance, or other necessary warranty repair.

Note:

Ensure the transmission is cold (approx. 25° C) prior to performing step 6.

6. Remove breakaway locking tab from dipstick and check fluid level; the fluid level must be between the min and max marks (A, Figure 3).

- Refill transmission fluid to correct level.
- Install new pin on cap.

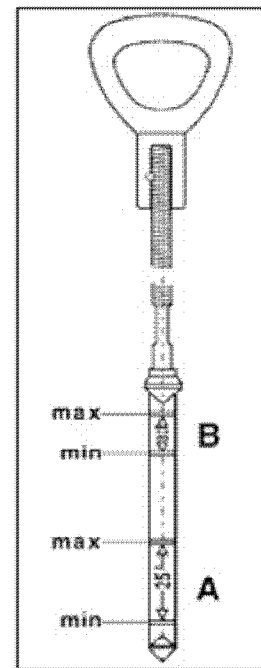
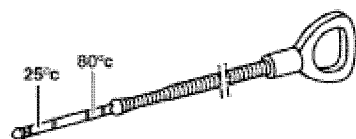


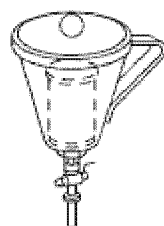
Figure 3

Special Tools



W 140 589 15 21 00

Dipstick



W 126 589 12 63 00

Funnel

Note:

The above-listed Special Tools have been previously released to all dealers and should already be in your Special Tool inventory.

Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1		A 203 540 00 53	95%

	Pilot Bushing ¹⁾	A 203 540 01 53	
As required (Max 0.2 l)	Automatic Transmission Fluid ²⁾	A 001 989 45 03 10	95%
1	Pin On Cap	A 140 991 00 55	95%

****Parts are in a critical supply situation and will be limited, please see the PAC weekly status report on parts availability status and delivery expectations. This report is located on the PAC website.**

Note:

1) The two part numbers for the pilot bushing (A 203 540 00 53 and A 203 540 01 53) are interchangeable. Either part may be received regardless of part number ordered.

2) Submit as a "Sublet", utilizing sublet code of SUB for \$1.36 (handling is included).

Note:

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information

Note:

A warranty exception report will not be generated if this campaign is not performed during a service that does not require the underbody paneling to be removed as part of the repair.

Repair 1 (Check only)

Operation: In addition to Flex. Service A or Flex. Serv. Plus, Minor Service, Color Coding for Guide
Bushing on Electrohyd. ECU Check (02-4967)

Or

In addition to Flex. Service B or Flex. Serv. Plus, Major Service, Color Coding for Guide
Bushing on Electrohyd. ECU Check (02-4968)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
27 920 05 8	02-4967	0.2 hrs.	L1, L3, G2, G3, K4, K5, M6, M7, M8, M9, N4, N5, N6, P1, P2, P6, P7, P9, Q1, Q2, Q3, Q4, Q5, R2, R3, R4, S1, S2, S3, S4, S5, S6, T1, T3, T4, T5, T6, U1, U3, U4, W1
	02-4968	0.1 hrs.	L1, L3, G2, G3, K4, K5, M6, M7, M8, M9, N4, N5, N6, P1, P2, P6, P7, P9, Q1, Q2, Q3, Q4, Q5, R2, R3, R4, S1, S2, S3, S4, S5, S6, T1, T3, T4, T5, T6, U1, U3, U4, W1

Repair 2 (Check and Replace)

Operation: In addition to Flex. Service A or Flex. Serv. Plus, Minor Service, Color Coding for Guide
Bushing on Electrohyd. ECU Check (02-4967)

Or

In addition to Flex. Service B or Flex. Serv. Plus, Major Service, Color Coding for Guide

Bushing on Electrohyd. ECU Check (02-4968)

In addition to Flex. Service A and B or Flex. Serv. Plus, Min. and Maj. Serv, Color Coding for

Guide Bushing on Electrohyd. ECU Install New (02-4969)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
27 920 05 7	02-4967	0.2 hrs.	L1, L3, G2, G3, K4, K5, M6, M7, M8, M9, N4, N5, N6, P1, P2, P6, P7, P9, Q1, Q2, Q3, Q4, Q5, R2, R3, R4, S1, S2, S3, S4, S5, S6, T1, T3, T4, T5, T6, U1, U3, U4, W1
	02-4968	0.1 hrs.	L1, L3, G2, G3, K4, K5, M6, M7, M8, M9, N4, N5, N6, P1, P2, P6, P7, P9, Q1, Q2, Q3, Q4, Q5, R2, R3, R4, S1, S2, S3, S4, S5, S6, T1, T3, T4, T5,
	02-4969	0.4 hrs.	L1, L3, G2, G3, K4, K5, M6, M7, M8, M9, N4, N5, N6, P1, P2, P6, P7, P9, Q1, Q2, Q3, Q4, Q5, R2, R3, R4, S1, S2, S3, S4, S5, S6, T1, T3, T4, T5, T6, U1, U3, U4, W1