

Technical Bulletin



Condition

Customer States Humming Sound From Front of Vehicle During Cornering

Customer may state humming sound coming from front of vehicle on turns in vehicles equipped with 02J or 0A4 manual 5 speed transmission. The hum may be more noticeable during slow speed turning maneuvers with steering wheel almost to full travel. The hum diminishes with steering wheel straight.

34 06 02 Jun. 12, 2006 2011899 Supersedes TB Group 34 number 06-01 dated June 5, 2006 due to Golf model year update.

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
New Beetle	1998 > 2006	All	5 Sp. Man (02J, 0A4)	1C_WM000001	1C_6M401204
New Beetle Convertible	2003 > 2006	All	5 Sp. Man (02J, 0A4)	1Y_3M000001	1Y_6M301515
New Jetta	2005 > 2006	All	5 Sp. Man (0A4)	1K_5M000001	1K_6M648609
Jetta	1999 > 2005	All	5 Sp. Man (02J)	All	All
Golf	2000 > 2005	All	5 Sp. Man (02J)	1J_Y4000001	1J_54039579

Technical Background

Hum may be generated by the differential spider gear contacting the one piece thrust washer when under load.

Production Solution

New transmission oil Part No. G 055 726 A2 incorporated in transmission production plant. Transmissions with new oil installed begin with VINs in table below:

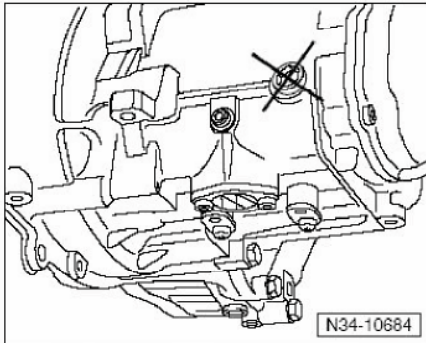
New Jetta	New Beetle	New Beetle Convertible	Golf
1K_6M648610	1C_6M401205	1Y_6M301516	1J_54039580

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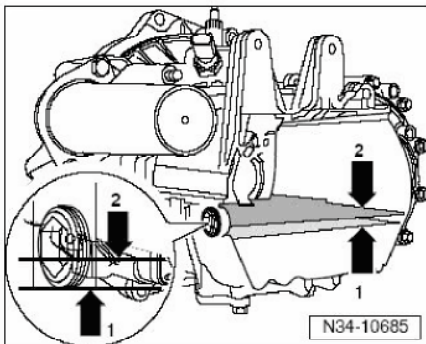
Service

0A4 Manual 5 Speed Transmission, Draining and Re-filling



If the vehicle exhibits this condition, drain and re-fill transmission as follows:

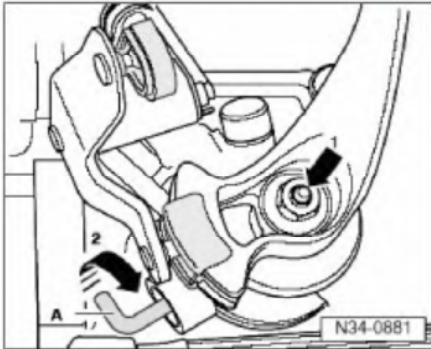
- It is no longer possible to accurately check transmission oil level in the same manner as previous model years.



- The engine/transmission angle has changed and therefore the lower edge of the oil fill hole -1- is located below the new oil level -2-.

To properly check oil level, transmission must be drained completely and re-filled.

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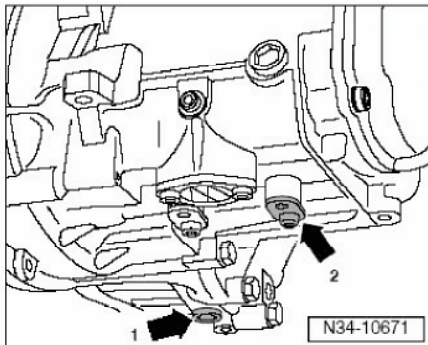
Tip:

The transmission housing must be cleaned and dried before servicing.

Shift fork pins must be removed in order to drain transmission.

Selector shaft, securing

- Remove air cleaner housing.
- Remove sound insulation.
- Clean and dry transmission.
- Secure selector shaft so that the position of shift fork pins can not move:
- Press selector shaft down arrow -1-
- While selector shaft is held in down position, turn bracket -A- upward (clockwise) in direction of arrow -2- and press inward until the bracket latches in selector shaft.

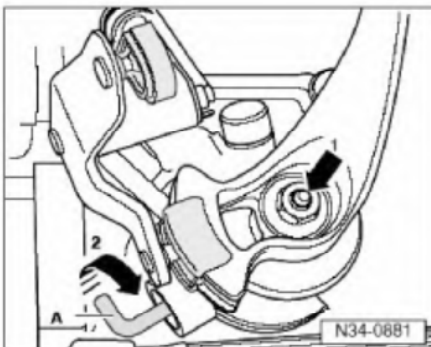


Tip:

Use a clean 3.0L container with graduated markings to catch draining oil.

Transmission, draining

- Remove transmission drain plug -1- and bearing pin -2-, allow transmission to totally drain.
- Install bearing pin -2- using new grommet.
- Install drain plug -1-.

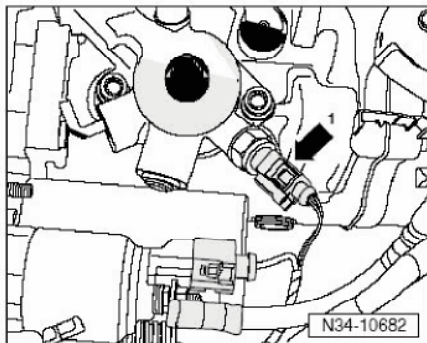


- Turn bracket -A- back to original position so the selector shaft -1- can move freely.

Transmission, filling:

- ADD new transmission oil Part No. G 055 726 A2 to oil already in catch container until total volume is 1.9L (2 qt.).

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- Remove back up light switch arrow -1-.
- Connect a rubber hose (approx. 600 mm (24 in.) long with a 10 mm (3/8 in.) diameter) to a funnel.
- Insert hose into hole of back up light switch and fill transmission.
- Install back up light switch.
- Check the operation of shifter. install air filter housing.
- Install sound insulation.

02J Manual 5 Speed Transmission, Draining and Re-filling

See Repair Manual Group 34, Manual Transmission - Controls, Housing.

Warranty

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:	
Claim Type:	W2
Part Identifier:	3435
Damage Code:	3435 20 000 1
Labor Operation: 0A4 and 02J Transmission	34015550 = 90 TU
Diagnostic Time:	No Additional Diagnostic Time Allowed
Claim Comment: Input "As per Technical Bulletin 2011899" in comment section of Warranty Claim.	

* Code per warranty vendor code policy.

Required Parts and Tools

Description	Part No:	Quantity
Transmission Oil	G 055 726 A2	1 ltr.



Tip:

Part number(s) are for reference only. Always see ETKA for the latest part(s) information.