

# Audi 01J/0AN Multitronic

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## TECHNICAL INFORMATION BULLETIN

# *Audi A4*

## *Transmission 01J*

### *COMPLAINT:*

Feels as if the car drives over a pot hole at around 7-10 mph at lightish throttle but is ok under hard throttle.

### *CAUSE:*

Some Audi A4 models are equipped with electronic engine mounts, these mounts adjust automatically with the engine torque and are a known issue, Audi sell a modified kit as a replacement.


### *FIX:*

Our customer removed the suspect mount and found it to be visibly damaged then replaced it with the modified unit from Audi and the symptom went away.

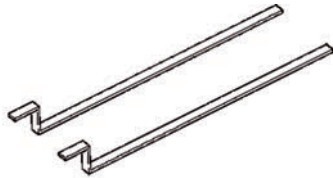


## TECHNICAL INFORMATION BULLETIN

### 01J Clutch Clearances

When rebuilding the forward clutch and reverse brake on these units, it is necessary to check the clearances when replacing the friction and steel plates, this is especially important when upgrading the six plate forward clutch pack to the seven plate assembly (Audi only recommend that this upgrade be carried out on 3.0Ltr petrol vehicles and 1.9Ltr, 2.5Ltr diesel vehicles), all 1.8Ltr, 2.0Ltr & 2.4Ltr Petrol vehicles should be fitted with 6 plate forward clutch packs. After carrying out the 7 plate upgrade it is required that an ECU flash upgrade be carried at the dealer. 

The correct clearance for the forward clutch is 1.50mm, to check this a specially shaped pair of feeler gauges is required as well as a tool to push down on the pressure plate to facilitate the check.



Feeler gauge Kit  
Part No. **01J.TOOL03**



Pressure Plate Depressor  
Part No. **01J.TOOL04**

The clearance for the reverse brake is suggested to be around 1.30mm to 1.50mm and is determined by subtracting the distance of the cover plate to the apply piston, from the distance of the clutch pack to the edge of the case.

Adjustment to clutch clearances is made possible by selective thickness steel plates; these plates are available in kit form or as separate plates as follows:

Part No. **01J.CK03** Forward Selective Steel Plate Kit, contains 2 each of the following selective plates.

Part No. <b>01J.STP01</b>	(1.90mm Thick)
Part No. <b>01J.STP02</b>	(2.15mm Thick)
Part No. <b>01J.STP03</b>	(2.65mm Thick)
Part No. <b>01J.STP04</b>	(2.90mm Thick)
Part No. <b>01J.STP05</b>	(3.15mm Thick)

Part No. **01J.CK04** Reverse Selective Steel Plate Kit, contains 2 each of the following selective plates.

Part No. <b>01J.STP06</b>	(1.90mm Thick)
Part No. <b>01J.STP07</b>	(2.15mm Thick)
Part No. <b>01J.STP08</b>	(2.65mm Thick)
Part No. <b>01J.STP09</b>	(2.90mm Thick)
Part No. <b>01J.STP10</b>	(3.15mm Thick)

Part numbers for the Friction and Steel Kits are as follows:

6 Plate Forward Clutch Kit	Part No. <b>01J.CK05</b>
7 Plate Forward Clutch Kit	Part No. <b>01J.CK01</b>
Reverse Brake Kit	Part No. <b>01J.CK02</b>



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## TECHNICAL INFORMATION BULLETIN

### *Audi 01J Multitronic CVT Oil Levels & Filling*

*There are two bungs:*

One is a 16mm Torx head with safety dimple, this is the drain bung.

The other has a 10mm hexagonal Allen Key socket, this is the level bung.

*Transmission Fluid:*

Special fluid is required, quantity approx 5 litres. This oil is available from Automatic Choice (is very smelly).

1 Litre Bottle Our Part No. 01J.OIL01

20 Litre Canister Our Part No. 01J.OIL02

*Differential Oil:*

Normal diff oil is used, the level plug is situated near the ring of bolts on diff housing.