



AUDI 01J

DTC 17114 GEAR RATIO MONITORING: INCORRECT GEAR RATIO

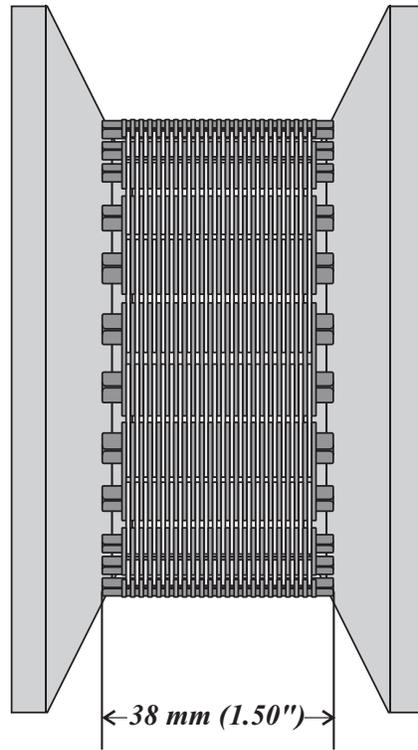
COMPLAINT: After a rebuild, an Audi 01J CVT exhibits a gear ratio error code 17114 only after the transmission has reached and held its highest ratio while cruising. If driven around town in stop and go traffic the transmission operates correctly. Even if its highest ratio is reached for a short period of time.

CAUSE: During the rebuild process an incorrect width chain was installed.

Note: There are various input and final drive ratios available with these 01J transmissions which if the incorrect transmission was used could cause a similar complaint. As with many transmissions today, swapping one for another for a quick turnaround requires ensuring the identical overall gear ratio transmission is being used. When it comes to the 01J transmission there is no exception to this rule.

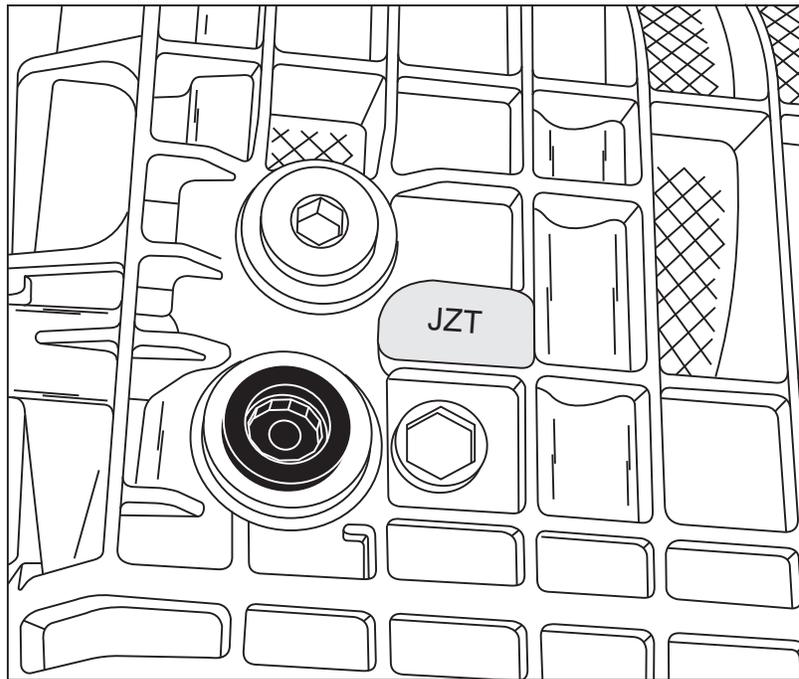
CORRECTION: 34 mm (1.34") and a 38 mm (1.50") are the two different width chains available depending on the model (figure 1). There are no charts that indicate which CVT models takes the 34mm or 38mm chain. So if you are to replace the chain, you should measure the original and order a new one according to the year, make, engine size and transmission code. The 3 digit transmission code such as a JZT or a GYJ can be located on the bottom side of the case as seen in figure 2.

MEASURING CHAIN WIDTH



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Figure 1



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Figure 2