



CLUTCHTECH



TSB-286

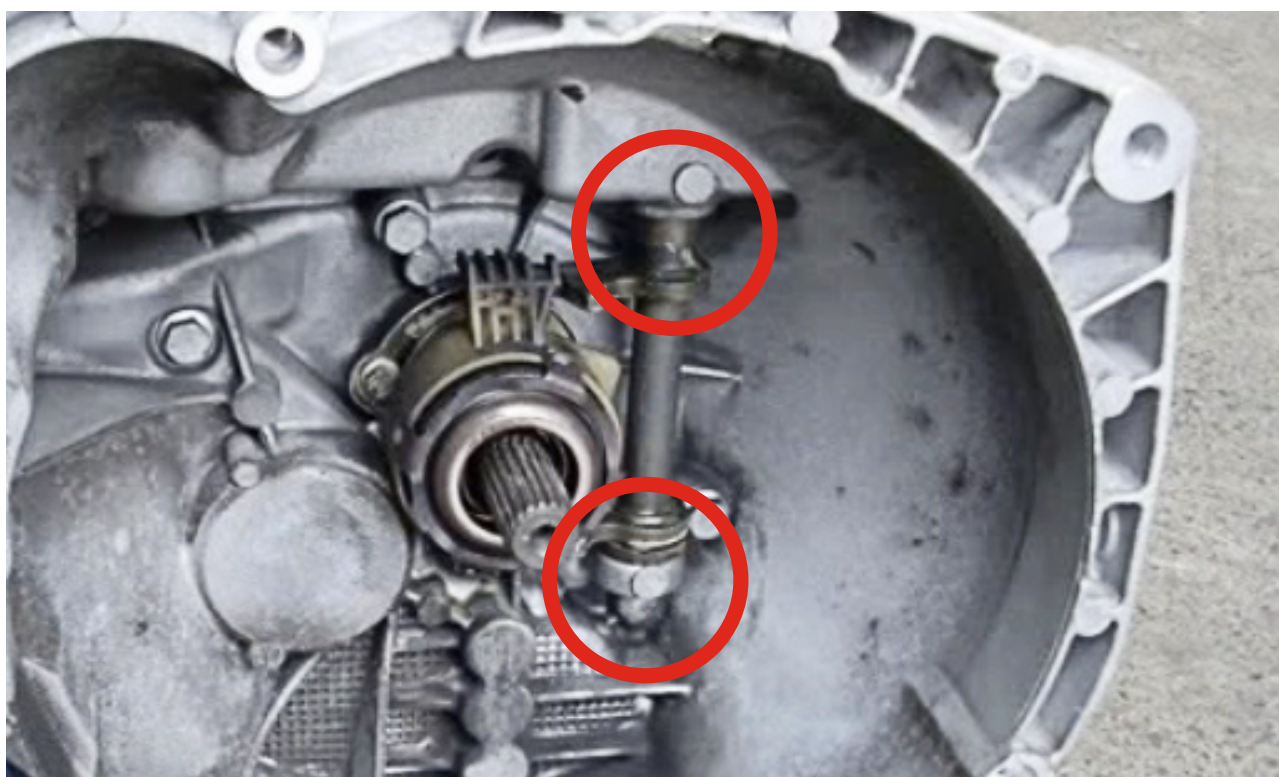
Possible Causes for Firm Clutch

These vehicles are prone to having the clutches slowly become firm over time or developing creaking bushes.

A few possible causes are listed below:

Release Arm Bushes

When release arm bushes wear, they can allow off-axis movement of the release arm which can affect pedal effort required to actuate the clutch as well as clutch operation (release) issues. Ensure the bushes are in good working order while the transmission is out of the vehicle and replace any worn components.



Alignment of Master Cylinder Actuation Rod

It's important that the rod actuating the master cylinder is straight (parallel with the bore) otherwise this puts unnecessary side loading on the master cylinder and can cause a hard pedal. It is recommended to grease all parts of the rod that contact other components to eliminate the possibility of any creaking/ squeaking sounds.

Master/ Slave Cylinder

When replacing the clutch a thorough visual inspection of the master and slave cylinder should be conducted. Check for any leaks/ cracks/ bent pushrods or damaged seals. Also check they're mounted firmly so they cannot move and the clip holding the master cylinder rod to the pedal is correctly installed.

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