



# CLUTCHTECH



## TSB-227

### Mitsubishi EVOLUTION IV-X Pull to Push Conversion

1. Remove the welsh plug from the top of the bellhousing with a punch and hammer.



2. Using a screwdriver, pop the top and bottom return springs off the clutch fork.



3. Undo the bolt holding the cross shaft in, and remove the shaft.



4. Remove the return springs and washers. These are not required for the conversion.
5. Remove the clutch fork and release bearing from the transmission.



6. Clean and lubricate the cross shaft and clutch fork with high temperature bearing grease. Ensure you lubricate the pivot hole for the push rod in the fork.



7. Install the clutch fork backwards so that the rounded contact points are facing out of the transmission.



8. Slide the cross shaft in and tighten the retaining bolt.



9. Lubricate the contact points on the bearing carrier and snout of the transmission.



10. Slide the bearing carrier onto the transmission and check for a smooth operation.



11. Undo the pressure port on the slave cylinder and remove the fluid flow restrictor.



12. Undo the bleeder nipple and swap it to the inlet port.

13. Install the inlet banjo onto the other port.



14. Install the slave cylinder onto the transmission.



15. Install the new conversion rod over the slave and fork, ensuring that the adjustment bolt is offset towards the top. This will ensure that the rod is not pushing off axis.





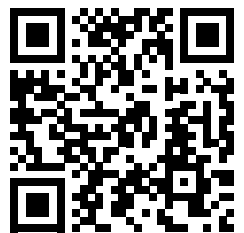
16. Adjust the threaded bolt so the fork and conversion rod have about 4mm of clearance.



17. When the transmission is installed in the car, it's important to check that there is still a small amount of free play at the top of the clutch fork to allow the clutch to wear. This can be adjusted by adjusting either the bolt or the push rod on the conversion rod.



[youtube.com/watch?v=4wwwZ1-Y2F8](https://youtube.com/watch?v=4wwwZ1-Y2F8)



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