

350/370Z VQ-HR Concentric Slave Cylinder Mounting Guide

This kit comes with a replacement concentric slave cylinder (CSC) and braided line to fit in place of the original unit. The braided line replaces the factory hard line from the original CSC and the hard line to the rubber flexible hose.



- Unbolt and remove the original CSC. Thoroughly clean the mounting surface to ensure there are no burrs or debris where the new CSC will mount.
- Fix the long section of the braided line to the port on the new CSC.
- Using a thread locking compound on the bolts, fit the CSC spacer to the gearbox, followed by the new CSC.
- Connect the other end of the braided line to the original rubber line.



## **Bleed and Test**

- With the clutch installed, carefully mount the transmission onto the engine & install only enough bellhousing bolts to firmly secure the transmission. Connect the braided clutch line to the existing clutch line.
- 2. Bleeding

Ensure that the clutch fluid used is correct to the vehicle manufacturer's specifications. Use of the incorrect fluid can cause seals to swell and deteriorate.

- a. Fill the reservoir with the applicable clutch fluid to the vehicle manufacturer's specifications.
- Open the bleeder nipple on the braided bleeder line and have someone in the vehicle slowly depress the pedal to the floor by hand. Close the nipple and return the pedal to the top. Repeat the process of passing the fluid through 4-5 times.
- c. Change the process to slowly depressing the pedal to 3/4 stroke and holding by hand before opening the bleed nipple. Lock the bleed nipple and return the pedal to the top. Repeat this 4-5 times whilst maintaining the fluid level in the reservoir.
- d. If the pedal feel is still not satisfactory, repeat step 3 using a full pedal travel.
- Before assembling the rest of the vehicle, check for full release of the clutch. Place the transmission into gear and have one person holding the clutch pedal down, while another person rotates the drive shafts to ensure that the clutch is releasing.

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