



1JZ/2JZ to Chevy Adapter Plate and Billet Flywheel

- 1 Remove starter and drill out threads with a 13/32 Drill bit (.406 diameter).
- 2 Install adapter plate using the supplied bolts
- 3 Install starter using the original bolts and supplied shim. The bolts will go thru starter into the adapter plate. This will allow starter replacement without transmission removal
- 4 Sometimes starter bolts may have to be shortened to allow transmission to bolt up flush with adapter plate.
- 5 Next install flywheel using new OEM manual transmission flywheel bolts or ARP Bolts. (Make sure to use Red Loctite and Rotate engine by hand to check proper bolt to Engine main cap clearance)
- 6 We recommend using a torque converter with the large GM bolt pattern. Also the converter height must be stock. After installing the Torque converter into transmission, the converter should be in approximately 1 inch in from face of bell housing. Make sure the converter is installed fully before bolting transmission to engine.
- 7 Now it is time to install the transmission. If you have a transmission with a JW Ultra-Bell or other SFI bell housing some machining to the inner profile may be necessary to clear the bolts that fasten the adapter plate to the engine. (ATF can provide this service for you)
- 8 Sometimes it may be a little snug installing the transmission over the dowel pins. This is normal as these dowels are made to be precision fit.
- 9 After the transmission is bolted to the engine, make sure the converter spins freely.
- 10 Converter spacing needs to be set using flat washers. Converter spacing should be between .150" and .180". To do this we need to measure the distance from the converter pad to the flex plate. An easy way to do this is by using flat washers. Stack up as many that will fit the gap between the torque converter and flex plate without forcing them in. Now remove the stack of washers and measure. Take this measurement and subtract .150". That is your torque converter spacer height. (Example - Stack of washers = .250" subtract the .150" converter spacing and your spacer height needs to be .100") This is the spacer needed between the flex plate and converter. Spacers are made in .050" increments and should allow you to get to within the .150" to .180" gap required.
- 11 Now install the converter bolt thru the flex plate first making sure to use one flat washer next to the head of the bolt. Install the spacer then tighten bolt into the converter. If you have any more questions please call and we will gladly assist in any way we can.