

Thank You for purchasing an Adapter plate From SWAP1UZ.com

Don't forget, for this swap to be complete you will need to purchase a Pilot bearing adapter(\$55), and a Clutch release bearing adapter(\$105), to make everything engage properly. These are available through the website at Collinsadapters.com or

Call or text 803-SWAP-1UZ to order it directly!!

There a few things that you should do so the engine and transmission go together smoothly:

1. You should purchase the proper Transmission bolts from any hardware store. If you are using a KA24DE/SR20DET transmission, all of the bolts are M10x1.5 however the lengths vary. If you are installing a 350Z 6-speed transmission, 5 of the bolts are M12x1.75, and 3 of them are M10x1.5, lengths will vary.
2. You need to take a small notch out of the top of the bell housing on the transmission, for the starter gear to recess into, if you don't do this, the engine won't start, and the starter gear will spin freely on the transmission.
3. You need shave a very small amount (1/8") off of the end of the **starter** bolts in order for the adapter plate to fit flush with the transmission mating surface on the engine side.
4. Sandwiched in between the Stock flex-plate and the crank is a Thick spacer. You need this to properly space out the flywheel in order to get the splines to engage properly on the input shaft.
5. You also should "knife" the 1UZ starter gear by lightly shaving one side of the tooth down so when the starter plunges out to engage with the flywheel it doesn't hit the face of the flywheel. Knifing makes it so that the gear slips right past the teeth and engages properly. Check the pictures below to shave the proper side.
6. also get a large starter relay of some sort, like that out of a fox body mustang (88-93), it should be about \$15 from the parts store, but this will guarantee that your starter will engage every time unless your battery is dead.

I'm sure you're going to have some questions,
Don't hesitate to call me that's what I'm here for!! 803-SWAP-1UZ
Thanks again,
Brett Collins

This is how you should knife the starter gear. Left side looking from the top.

