



10145 (S13)

10146 (S14)

SRVQ Transmission Adapter Kit

Transmission Needed:

2003-2006 Nissan 350Z

Tools Needed:

Sawzall with 12" blade

Cutoff Grinder

Parts List

Hardware

Qty

Bellhousing, SRVQ		1
Z33 Transmission Crossmember		1
Z33 Shifter Bracket		1
Shifter Cover		1
Shifter Bushing Bolt	M8 x 1.25 x 40 Flanged Hex Head Bolt	1
Shifter Bracket Bolts	M8 x 1.25 x 45 Flanged Hex Head Bolt	2
Bellhousing/Trans Bolts	M8 x 1.25 x 35 Flanged Hex Head Bolt	9
	M8 x 1.25 x 35 Socket Head Cap Screw	2
Bellhousing/Block Bolts	M10 x 1.5 x 20 Socket Head Cap Screw	1
	M10 x 1.5 x 55 Socket Head Cap Screw	1
Shifter Cover Boot Bolts	M6 x 1 x 12 Flanged Hex Head Bolts	4
Pilot Bearing Recess Tool		1
Driveshaft		1

Optional

HR Adapter Ring

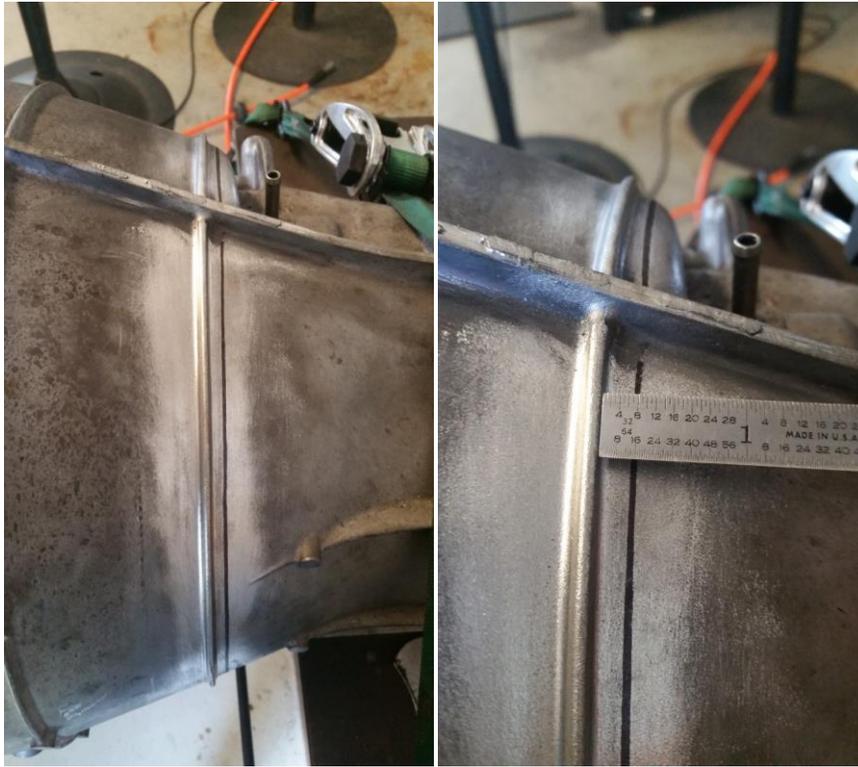
VHR Adapter Ring

Notes:

You will need the SR pivot ball, clutch fork, and bearing assembly.

If you are swapping into an S15, you will need the Bell Housing Bolt Kit (10145.20) and a roller pilot bearing. You cannot use the S15 clutch setup. You will have to use the S13/S14 clutch setup.

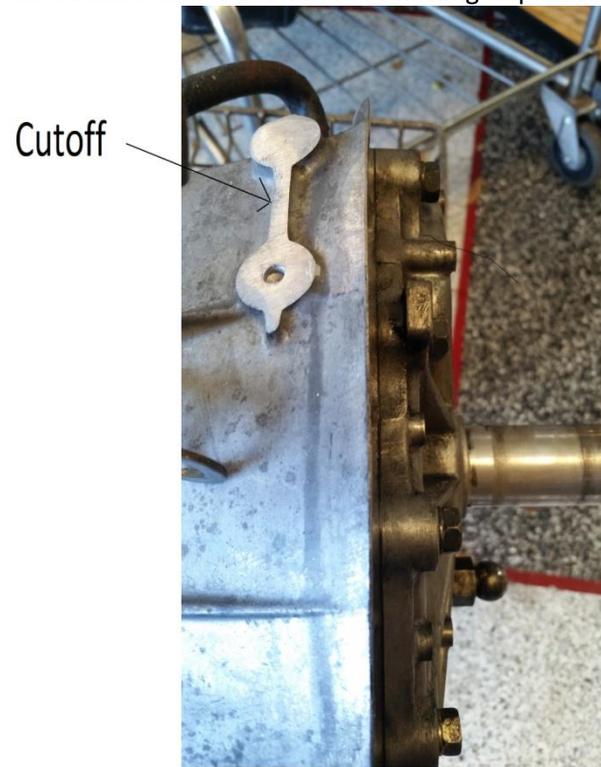
1. Draw a line 1/4" behind the rib that goes around the transmission.



2. Use a sawzall to cut along the line. Do not cut into the front cover area.



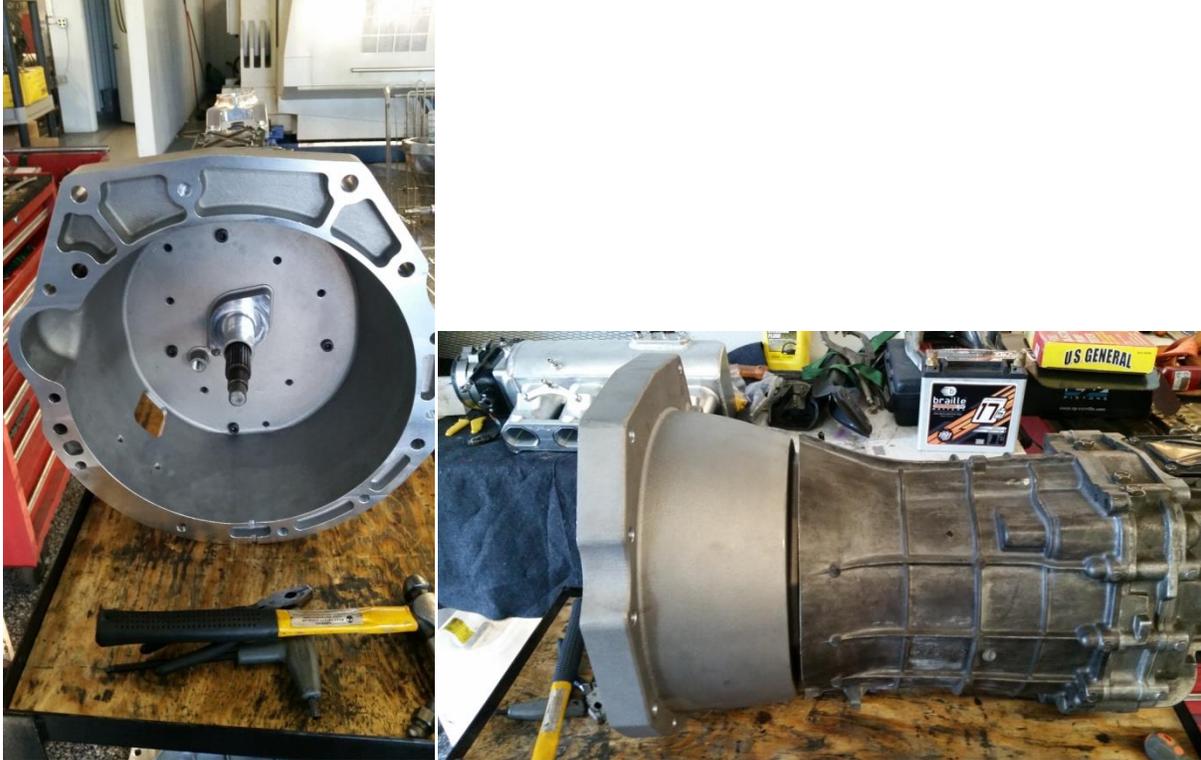
3. Remove bell housing from transmission. Cut off boss according to picture.



4. Mark and cutoff 3/8" from the input shaft. Chamfer the end of shaft similar to the OEM.



5. Make sure there is no fluid left in the transmission. Remove the stock input shaft front cover and gasket. Clean off are where new gasket will go. If you have an HR or VHR trans, you will need to put the adapter ring (sold separately) over the large bearing before installing the bell housing. Use new gasket and install bell housing. The socket head cap screws will go on the bottom side. The bottom 4 bolts will need sealant on the threads. Torque bell housing bolts to 13 ft-lbs.



6. If you are using the stock slave, forks, and pivot ball assembly, install the pivot ball on the bell housing. All these components need to be SR not VQ.
7. You must change the pilot bearing. If you are using a bronze pilot, you will have to machine it 1/8" shorter. But we recommend using a Nismo roller pilot bearing. It is narrower and stronger. Take the pilot bearing recess tool and tap pilot bearing into the crankshaft till the tool bottoms out on the crank.



8. Take the shifter linkage off and remove the round shaft. Install back on the trans.



9. Cut shifter area to clear new shifter bracket.



10. Install transmission on engine. Install your old transmission mount on the Z33 transmission and attach to chassis with new crossmember. Install driveshaft and fill trans with oil.



11. Install shifter, shifter cover and reassemble interior.

