

Nissan RB-25 5-speed to Nissan SR-20

Silvia - Skyline



PRIOR INSTALL - IMPORTANT NOTES

1. This kit does not suit the S15 dual mass flywheel or twin plate clutches. You must use S13/14 style flywheel.
2. The bronze bush supplied in this kit must have the protruding bronze section T. Soak in oil & wipe prior to install.
3. The bush is very delicate. When installing or removing the gearbox it must come out directly parallel. If the weight of the box is on the bush you will snap it off.

Installation Instructions

- 1 Remove the shifter of the Nissan SR-20 transmission and drain the oil.
- 2 While waiting disconnect the battery and unclip the electrics. Unbolt and tie the slave cylinder aside out of the way and remove the tail shaft.
- 3 Remove the transmission mount, starter motor and remaining bolts around the bell housing. Lower the transmission down.
- 4 Remove the clutch assembly from flywheel and remove the old spigot bush from the crank. Install the new spigot bush after pre-soaking in oil.
- 5 Re-Install clutch assembly.
- 6 Drill the starter motor holes out for bolt clearance as it will now be bolted to the new adaptor plate. Install the sandwich plate onto the engine the fit the new adaptor plate and mount the starter motor.
- 7 In some cases if the starter does not mesh correctly to the ring gear you must install the engine back plate to locate the starter correctly.
- 8 Before installing the RB-25 transmission, remove the shifter and fit the RB thrust race & carrier unit using the RB-25 clutch fork. (INSERT SPACER RING UNDER THE BEARING FOR BETTER CLUTCH)
- 9 Drill out the lower 'passenger side' hole on the RB-25 bell housing for bolt clearance.
- 10 Install the RB-25 transmission onto the adaptor plate and tighten. Install the new transmission mount from the kit as the SR-20 mount will not fit.
- 11 Re-install the RB slave cylinder and bleed the system if needed
- 12 Fill the RB-25 transmission with approximately 2.5L of manual transmission oil and install the shifter. If you have purchased our Premium Kit you can cut your shifter and weld in the shifter block.
- 13 Install the tail shaft which has been modified to length. Some tail shafts don't require modification.
- 14 Complete your electrics for the speedo, reverse and neutral.