



① Check for Clutch Disc Appearance

Be sure to handle the clutch carefully and wear clean cotton work globes. Check the clutch disc that is being installed to confirm that the facing is not chipped and there are no scratches on the spline hub teeth.



② Check for the Movement of Clutch

If no problem is found, fit the clutch disc onto the transmission's top shaft and confirm that it moves smoothly.



③ Apply the Grease to Spline Hub Teeth

After confirming that the clutch disc moves smoothly, remove it from the top shaft and use brush to apply the grease to spline hub teeth.



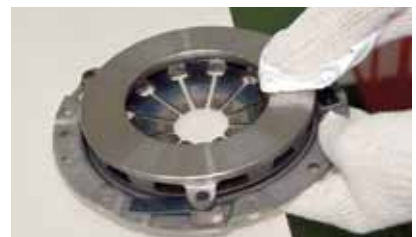
④ Apply the Grease to Top Shaft

Also, apply the grease to the top shaft teeth.



⑤ Remove Excess Grease

Fit the clutch disc back onto the top shaft and wipe away the excess grease. Excess grease could fly off and cause a juddering noise or slipping problems.



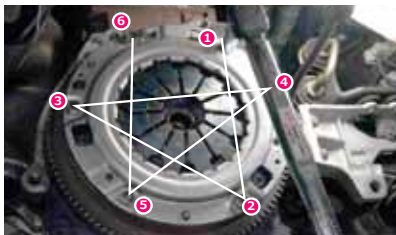
⑥ Check for Clutch Cover Appearance

Confirm there are no scratches or other defects on the friction surfaces of the pressure plate. If there are no problems, use a cleaner to de-grease the pressure plate friction's surfaces.



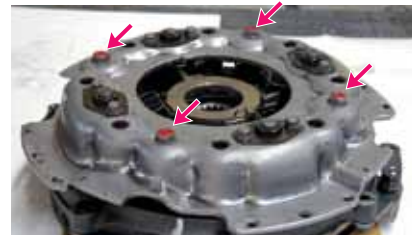
⑦ Installing to Fly Wheel

When installing the clutch, use an alignment tool to settle the clutch disc. Align the clutch cover with the flywheel's down pins, and temporarily tighten at least three diagonally opposed bolt.



⑧ Tighten Diagonally

Before finishing tightening the bolt, re-confirm that the clutch disc is centered. Now, tighten the bolt to the specified torque, alternating between diagonally opposed positions. Do not use impact wrench to tighten the bolt. Differences on diaphragm's height can cause juddering noise or other problems.



⑨ Remove Temporary Tightening Part

Clutch cover for middle size and larger vehicles are fitted with red bolts, red wires and red plates for temporary assembly. After installing the clutch, be sure to remove them. ※Check p○,○ for your information.



⑩ Reinstalling the Transmission

When reassembling the transmission, position it so that crankshaft and the top shaft are aligned in straight line. While aligning the teeth, carefully insert the top shaft all the way into the clutch disc spline in a single motion.

Stopping midway or forcing the top shaft in could dent spline hub teeth and result in faulty disengagement.

After confirming that the clutch housing is fully contacted with engine's mounting surfaces, tighten the housing mounting bolt to the specified torque alternating between diagonally opposed positions.

Do not use impact wrench to tighten the bolts as the top shaft could be shifted off center.

Correct handling and installation will prevent malfunction of clutch.