



INSTALLATION INSTRUCTIONS
STILLEN SHORT THROW SHIFTER
350Z/G35
370Z/G37
P/N 452352

Materials Supplied:

1. (1) Short throw shifter assy.

Equipment needed:

1. Assorted sockets and wrenches
2. +,- Screwdriver
3. Assorted pliers
4. Factory service manual



WARNING:

**IF YOU ARE NOT EXPERIENCED IN THE AREA OF
AUTOMOTIVE MECHANICS WE STRONGLY URGE THAT YOU
REFER THIS INSTALLATION TO YOUR MECHANIC.**

Installation:

1. Remove the shift knob by unscrewing it from the lever. This knob can be reused on the Stillen short throw shifter.
2. Remove the console finisher. This is the plastic trim on the center console around the shift lever. Gently pull upward to remove this piece.
3. Underneath the vehicle, pull back the boot on the shift mechanism and remove the bolt holding the shifter to the control rod.
4. Back inside the vehicle, remove the 4 bolts holding the dust cover and remove the cover boot.
5. Remove the guide plate mounting bolts and lift the shifter assy. out of the housing.
6. Place the shifter assy. in a vice, or hold securely on the ground, and knock the nylon socket off of the shifter with a dead blow hammer, being careful not to break the socket. The socket can be removed by hand using even, downward pressure, just be careful not to hurt your hand.
7. Install the nylon socket onto the Stillen short throw shifter.
8. Install the Short throw shifter assy. into the housing with the reverse lockout tab on the right,



and loosely install the guide plate such that the indicator arrow is pointing to the right.

9. Under the vehicle, reinstall the bolt holding the shifter to the control rod. Make sure the Teflon insulators and steel sleeve are in place. **Torque to 9-11 ft-lbs.** Make sure the boot is in place.
10. Back inside the vehicle; snug down the guide plate bolts. Check the operation of the shifter into all gears ***including reverse***, adjust the guide plate left or right so that it does not interfere with the shifter. **Torque the bolts to 75-88 in-lbs.**
11. Install shift knob: Thread shift knob completely onto shift lever with any factory/required spacers in place, if necessary, tighten adjustment nut at bottom of shifter to prevent upper shift lever from rotating as you tighten the shift knob. Do not worry if shift knob is not correctly aligned.
12. Align shift knob: Loosen adjustment nut (turn clockwise) to enable proper alignment of the shift knob. Once aligned to your satisfaction, tighten adjustment nut by turning counter clockwise until there is no movement of the shift knob or upper shift lever.
13. Remove shift knob from shift lever, ensure upper shift lever does not turn while you unscrew shift knob.
14. Install rubber dust boot and check operation of the shift lever to ensure that the mechanism does not bind. **Torque the dust cover bolts to 45-56 in-lbs.**
15. Install the console finisher and shift knob. Adjust the shift knob so the printing is straight.
16. Installation complete.

