



Installation Instructions for RealWheels Shifter Accessories

Models: RW240-1-HT, RW241-1-HT, RW245-1-HT, RW223-1-HT, RW223-2-HT, RW305-20-HT, RW305-24-HT, RW305-36-HT

VERY IMPORTANT! Read And Understand These Steps Before Installation.



IMPORTANT!

RWC Revolver Series Speed Shifter Adapters are designed to replace the Slant Style Eaton Fuller shifter handles, so Realwheels custom gear shifter handles and other aftermarket gear shifters can be installed.

REVOLVER SERIES SPEED SHIFTER ADAPTERS

Make sure you have the correct adapter for your vehicle.



13/18 Adapter (w/ Splitter Slot)

Fits 7LL, 8LL, 9MLL,
Super 10, 13, 15 and
18 speeds.



9/10 Adapter

Fits 7L, 8, 8L,
9 and regular
10 speeds.

IMPORTANT!

Before you start, drain the air system to the shifter.

TOOLS NEEDED:

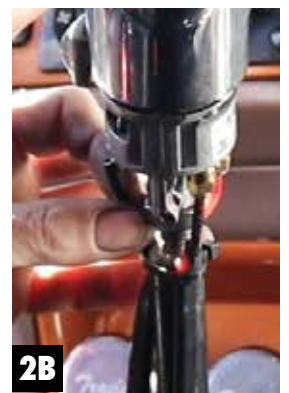
- Torx T20
- #3 Phillips Screwdriver
- Flat Head Screwdriver
- 3/4" Wrench
- 3/32" & 1/64" Allen Wrench
- (2) Needle Nose Pliers

UNINSTALLING OLD SHIFTER:



Step 1 Unscrew Base Cover

- Remove the 2 Torx T20 screws from the front and back of the shifter base cover (See Fig. 1A). **Save these screws as they will be used later.**
- Slide down the shifter base cover (1B).



Step 2 Remove Air Supply Lines

- Remove all of the air supply lines. The air lines are push connects. Push up on the fitting collar and pull out the line (See Fig. 2A).

IMPORTANT!

Do Not remove the shifter until Step 2 is done because screws, ball bearings and springs in the handle may shoot out when separating handle from the splitter. (See Step 6 for visual.)



Step 3 Remove Shifter Knob & Base Cover

- Loosen the jam nut with the 3/4" wrench. (See Fig. 3A & 3B).
- Twist off shifter and slide off the base cover (3C & 3D).

INSTALLING SHIFTER SLEEVE:



Step 4 Slide On Gear Shifter Sleeve

- Using the integrated air line guides, insert the air lines into the sleeve (See Fig. 4A & 4B). After the air lines are inserted, slide the sleeve over the post. (4C) When the sleeve is down far enough, pull the air lines through the guides (4D & 4E).

Continued on back...

INSTALLING BASE COVER & ADAPTER



Step 5 Install Base Cover
• Slide on the RWC Gearshift Base Cover.
NOTE: Make sure that the cut-out is at the top for the shifter lever.



Step 6 Remove Shifter Knob
• Using a flat head screwdriver, pop off the cap of the handle (See Fig. 6A). Then use a Torx T20 bit to remove the screws (6B).



Step 7 Connect Speed Shift Adapter
• Connect the RWC adapter to the splitter and install provided screws with 3/64" Allen Wrench (See Fig. 7A & 7B).
NOTE: Test levers to make sure they move properly.



Step 8 Attach Adapter / Splitter
• Twist on splitter (8A). Then tighten the jam nut to the splitter with the 3/4" wrench while holding onto the adapter (8B).



Step 9 Reattach the Air lines to the Splitter.
• The air lines are push connects. It is recommended to use two needle nose pliers. Put one on the line and one on the fitting collar. Then push together (See Fig. 9B & 9C). **NOTE:** Pull down hard on the air lines to make sure they are secure.



Step 10 Slide Up the Base Cover
• Slide up the base shift cover (See Fig. 10A & 10B). Install the 2 Torx T20 screws that were taken out of the old base cover (10C).



Step 11 Slide Up Shifter Sleeve
• Slide up the shifter sleeve to the base cover (See Fig. 11A). Tighten the screw with a 3/32 inch Allen wrench (11B).



INSTALLING BILLET HANDLE



Step 12 Add Shifter Handle
• Thread on a RWC Billet Shifter Handle (See Fig. 12A & 12B).



Step 13 Fix Shifter Skirt
• Pull up the shifter skirt to cover the bottom of the stainless sleeve (See Fig. 13A & 13B).



Step 14 Test Gear Shifter
• After installation is completed it is recommended to verify full range, and proper operation of the gear shifter before normal usage.