

[c o r k s p o r t]



Installation Instructions for the CorkSport Short Shifter

Tools required

- Torque wrench
- 10mm wrench or socket
- 12mm wrench or socket x2
- Flat Screwdriver
- Philips Screwdriver
- Snap Ring pliers
- Floor Jack
- Jack Stands
- Rag
- Optional: CS Bronze Oil Bushings

Contents

- CS Shifter
- 5 Page Installation Instructions
- Tube of lubriplate grease

Thank you for your purchase. If you have any questions please call Cork Sport at 360 260 CORK

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Step 1: Wait for the exhaust to cool on your vehicle before attempting to start.

Step 2: Jack up your vehicle and secure it on jack stands on a flat level surface.

Step 3: Using the 12mm wrench remove the bolt and nut from the bolt which holds the shifter to the shifter rod, see picture below.



Step 4: Some vehicles have a heat shield above the exhaust system. You will need to remove the 10mm bolts to get the heat shield off.

Step 5: From the inside of the car remove the center console starting with the back part. There will be two (2) Philips screws on the back section. The location depends on your model of car.

Step 6: Remove your shift knob and shifter surround. The shift boot will be attached to the shifter surround. There should be two (2) screws holding the console down from the sides, location depends on the model of vehicle.

Step 7: You will now be looking at the shifter itself where it goes through the floor to the underside of the car, see picture below. Some models use a snap ring to hold the pivot assembly together. If so remove the snap ring and proceed to step 9.



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Step 8: Use the flat head screw driver to gently pry the retaining spring from the pivot assembly. See picture below. The spring is under tension so use caution as if my go flying!



Step 9: Remove the white upper shifter pivot. Now to remove pull the shifter assembly up out of the floor.



Step 10: Remove the two bushings from the bottom of the shifter assembly. Also remove the rubber dust seal. This will require some careful work getting it over the end of the shifter. Once it is removed remove the white shifter pivot seat.



Step 11: The picture below is a comparison between the stock and the CorkSport short shifter. The CorkSport shifter is on the top.

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Step 12: Install the white shifter pivot seat, rubber dust seal in the same order as on the original shifter. Apply a small amount of the Lubriplate grease to the bottom of the shifter ball. If you have bronze oil shifter bushings install them now, if not install the original shifter bushings. See the picture below



Step 13: Insert the shifter back through the floor of the car. Make sure the lower shifter seat goes down the bottom.

Step 14: Use the Lubriplate grease on the top of the shifter ball. Re-install the white upper shifter pivot and make sure it is pressed down against the ball.

Step 15: Carefully install the retainer spring or snap ring to hold the shifter into the pivot assembly. See the two pictures below:



Step 16: From underneath the car install the 12mm headed bolt and nut that attach the shifter to the shifter rod. Make sure the bolt and nut are tightened to 12-16 ft lbs.

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Step 17: Test the shifter once installed from inside the car to ensure proper movement and clearance with the exhaust.



Step 18: If the shifter operates correctly install the exhaust heat shield from under the car. It may be necessary to trim the heat shields to ensure properly clearance on the shifter.

Step 19: Reinstall the center console and your shift knob and you are ready to go!

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