

# SHO Source 93-99 11.6" Rear Brake Adaptor Bracket Installation Instructions (pictures are of 13.0" setup)

**\*\* NOTE – OFF ROAD ONLY – not for use on public roads!! \*\***

Tools required:

19 mm socket  
15 mm socket with extension  
13 mm socket  
Torque Wrench  
Open end/flare wrenches for brake line fittings  
Pliers  
Grinder  
Small flat screwdriver  
Brake cleaner, brush, and catch pan  
Safety glasses  
Brake fluid  
Anti-sieze  
Ford Manual (Helms)

Kit Contents:

- 93-99 11.6 rear brake adaptor brackets (2)
- Extra Bolts for all but 90-92 11.6 (4)
- Centre-Bore Rings to Fit Large-Bore Rotors to Small-Snout Hub (2)



Additional Parts required:

- 11.6" 96+ front rotors, plating or mask painting recommended
- 89-92 rear calipers, caliper brackets, and pins
- 89-92 rear brake pads

## Steps:

1. Read the Ford manual section on rear disc brakes, including the entire Removal and Installation sections on: Service Precautions, Caliper, Brake Shoe and Lining, Rotor, Shield, and Caliper Hose, Rear. When 'remove (or install) \_\_ as outlined' is written below, it means refer to the Ford manual for that procedure.
2. Remove Caliper, Brake Lining, Rotor, Rear Caliper Hose (if installing new lines) and Shield as outlined. The caliper, brake lining, rotor, and rear caliper hose can be removed as an assembly by unbolting the caliper bracket from the brake adaptor (caliper bracket anchor plate), undoing the rear caliper hose from the hard brake line at the body (or the caliper if not replacing the lines), and working the assembly off the car. The removed assembly will look like the pictures below (before, assembly removed, after). Plug the steel brake line end so brake fluid will not make a mess and drain the master cylinder.



3. Pre-fit the 93-99 11.6" Rear Brake Adaptor Brackets with supplied fasteners, as shown. If there are interferences between the adaptor bracket and the brake adaptor (caliper bracket anchor plate), grind down the tops of the brake adaptor (caliper bracket anchor plate) to eliminate them.



4. Clean up the exposed mating surfaces - hub, mounting bosses on front and back of brake adaptor (caliper bracket anchor plate), and paint to prevent further rust.



5. Install 93-99 11.6" Rear Brake Adaptor Brackets with supplied fasteners, as shown. Torque bolts to 88 ft.lb. with 15 mm socket for steel and 60 ft.lb dry/44 ft.lb. wet (oil/anti-sieze/loctite) for aluminum.



6. Coat face of hub with anti-sieze and install the Centre-Bore Rings to Fit Large-Bore Rotors to Small-Snout Hub.



7. Install Rotor and fix in place with 2 wheel nuts. Plating or painting of areas not touched by the pad is recommended to reduce future rust formation. Note that the rotors in these pictures are re-drilled directional Cobra rotors, and are painted with header paint. If you purchase rotors that are plated, they will be the same colour all the way across the rotor face.



8. Install the 89-92 rear caliper bracket. Torque bolts to 88 ft.lb. with 15 mm socket. Grind down the caliper bracket to eliminate any interferences with the stock anchor plate or adaptor bracket.



9. Verify that there are no interferences by rotating the rotor all the way around, and comparing the gap on each side between the bracket opening and the rotor.

10. Install the pads as outlined.



11. Install the caliper as outlined, and install brake lines as outlined, referring to aftermarket brake line instructions as necessary. Ensure that rotor will now turn. If rotor will still not turn, then verify that the caliper piston has been turned all the way into the caliper. If it has, then remove the shims from the one or more of the brake pads. Note that this should not be necessary with Carbotech pads, but has been reported with other brands of pads. Bleed brakes.



12. Install wheel, check for interferences between wheel, wheel weights, and caliper.



13. Enjoy the new rear Brakes!! (before and after pictures shown, 13.0")

