



2010-12 Mustang Chin Spoiler Brake Duct Kit Instructions CDC# 1011-7013-01



About the Product:

This product is designed and manufactured by Classic Design Concepts. The brake duct adapters are designed to work with our 2010-2012 Mustang Chin Spoiler, part number 1011-7001-01, or the Mustang RTR Chin Spoiler/Splitter, part number 1098-7005-01.

Kit Components:

- Chin Spoiler Brake Duct Adapters (Left and Right)
- Brake Duct Tubing
- Brake Dust Shields (Left and Right)
- Hardware Kit: Zip Ties, Hose Clamps, Bolts, Rivets (if needed).

Tools Required:

- | | |
|--|--|
| <input type="checkbox"/> 1/4" Drive Ratchet | <input type="checkbox"/> Trim Panel/Fork Tool |
| <input type="checkbox"/> 1/4" Drive Metric Sockets | <input type="checkbox"/> Flush-cut wire cutters |
| <input type="checkbox"/> 3/8" Drive Ratchet | <input type="checkbox"/> Drill (cordless/electric/air) |
| <input type="checkbox"/> 3/8" Drive Metric Sockets | <input type="checkbox"/> 1/4" Drill bit |

NOTE: READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

NOTE: The CDC Brake duct kit can be installed at the same time as a CDC/RTR Chin Spoiler is installed, or added to a CDC/RTR Chin Spoiler that has already been installed on a vehicle. Refer to separate Chin Spoiler instructions for its installation. Some photos in these instructions were taken with the chin spoiler removed from the car for clarity.

1. Raise front of vehicle using hoist or jack/jackstands, etc. **SUPPORT THE VEHICLE PROPERLY.** Remove front wheels.
2. Remove the screws that secure the forward lower splash shield to the vehicle and remove the shield (9 total). Save all bolts for re-installation.

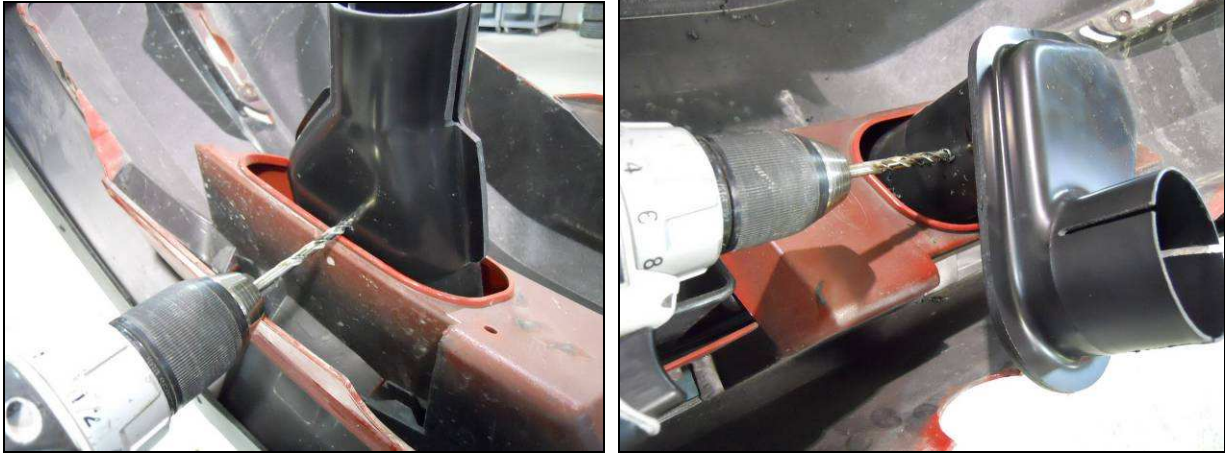


3. With CDC/RTR Chin Spoiler already installed onto vehicle, install CDC brake duct adapters from under the vehicle. Push ducts all the way onto chin until they stop. Note that passenger-side adapter is designed to extend around windshield washer reservoir.



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4. With CDC brake duct adapters in place, drill one 1/4" hole through each adapter and through CDC/RTR Chin Spoiler. This may be done prior to chin installation, or once chin is already installed on car. A right-angle drill may aid in drilling if chin is already installed.



5. As an option, you may also drill from the top side of the driver duct and far right side of passenger duct, but only one push-pin is absolutely necessary.



6. From the front of the Chin Spoiler inside the brake duct inlet, insert one 1/4" push pin through each drilled hole, securing brake duct adapter to chin spoiler.

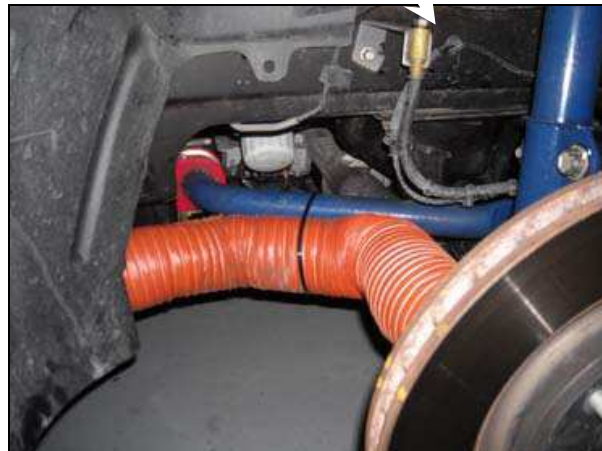


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7. Install brake duct tubing onto brake duct adapters. The ducting **WILL BE TIGHT**. Squeeze adapter's tube to help work/twist brake duct tubing onto adapter. Secure with supplied metal hose clamps.



8. Route tubing behind plastic wheel well liner and along sway bar; secure to sway bar using the supplied zip ties. Route outward to brake area.



9. Remove the two primary caliper anchor bolts, and support the caliper so that it is not hanging on its brake line.



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10. After removing the brake rotor, remove the three 10mm bolts secure the backing plate to spindle. Install new backing plate and torque bolts to 15 ft-lbs.
11. Attach brake tubing to duct on new backing plate, secure with supplied hose clamp.



12. Re-install brake rotors and calipers, torque caliper bolts to 85 ft-lbs.
13. Re-install wheels, and lower vehicle to the ground, torque lug nuts.
14. With vehicle running, turn the steering wheel lock-to-lock to check for interference between tires and brake tubing; reposition as necessary.
15. Enjoy your new brake duct kit!

Thank you for choosing Classic Design Concepts for your restyling needs. If you have any questions or concerns regarding installation please contact Tech@classicdesignconcepts.com
Or call 866-624-7997.