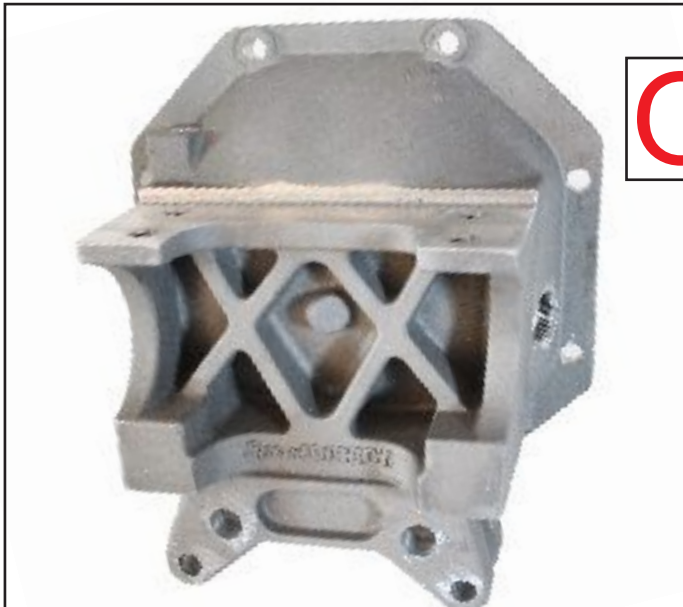


Shark Bite™ Aluminum Rear Differential Cover Installation Instructions

Part Number(s): 780-00500, 780-00505, 780-00560, 780-00565

1963 - 1979 Corvette



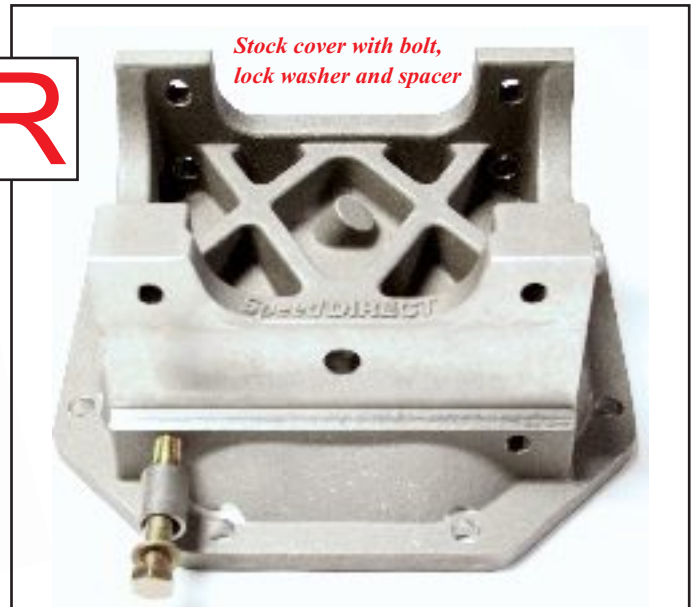
Verify Shark Bite™ Kit Contents

1 ALUMINUM COVER

NOT PICTURED:

1 VENT	2 HEX BOLTS, 3"
2 12-POINT BOLTS, 1.75"	2 FLAT WASHERS

OR



*Stock cover with bolt,
lock washer and spacer*

Verify Stock Kit Contents

1 ALUMINUM COVER

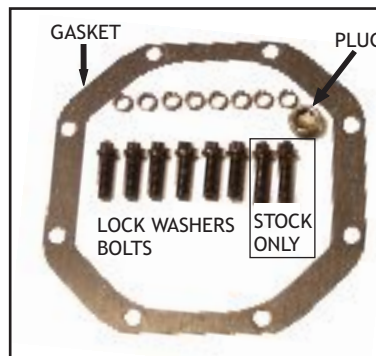
NOT ALL PICTURED:

1 VENT	4 LOCK WASHERS
4 HEX BOLTS, 3"	2 SPACERS

Note: The Shark Bite Differential Cover kit can be retrofit to stock springs, and/or the Shark Bite Rear Coil Over kit can later be added to a Stock Differential Cover. Some clearancing may be required.

INSTALLATION:

1. Perform an inventory of all the parts in the kit.
2. Remove the differential center section from the car. This will require disconnecting the cross member from the frame, unbolting the front mount cushion from the frame, removing the spring and disconnecting the half-shafts. Exercise caution, the differential is very heavy.
3. Unbolt the cross member from the rear cover and drain the differential of gear oil via the drain plug.
4. Remove the eight bolts and separate the cover from the center section. Clean the gasket surface of all old gasket material. Install the vent on the aluminum cover (see detailed instructions next page).



Included With Complete Kit

1 GASKET
 1 MAGNETIC DRAIN PLUG
 8 LOCK WASHERS

SHARK BITE KIT:
 6 12-POINT BOLTS, 1.5"

STOCK KIT:
 8 12-POINT BOLTS, 1.5"

Shark Bite™ Aluminum Rear Differential Cover Installation Instructions

Part Number(s): 780-00500, 780-00505, 780-00560, 780-00565

1963 - 1979 Corvette

INSTALLING THE VENT COVER:

Care must be taken when installing the vent. Do not directly hit the top of the vent. This will break the dust cap. Place a 3/8" open end wrench on the shoulder of the vent and then a 9/16" deep well socket over the vent and on the wrench. Drive the vent in with a hammer being careful that the vent installs straight.



5. Install new gasket and new cover. Tighten all bolts evenly and then torque to 50 ft/lbs.
Stock only: All the bolts are the same length.
Shark Bite only: If installing a cover with an integrated lower shock mount for Shark Bite rear coil-overs, use the provided 1.75" long 12-point bolts in the two lower holes (these bolts are included with all Shark Bite kits).

6. Mount the cross member to the cover and torque the four bolts to 50 ft/lbs.

7. Re-install in reverse order and fill differential with 80-90 weight gear oil and one bottle of GM Performance 88900330 Limited Slip Lubricant Additive. Install drain plug using anti-seize compound on the threads.

Shark Bite™ Aluminum Rear Differential Cover Installation Instructions

Part Number(s): 780-00500, 780-00505, 780-00560, 780-00565
 1963 - 1979 Corvette



8. If the Differential Cover is being installed with a previously installed Shark Bite Rear Coil Over Kit, or if the Rear Coil Over Kit is being installed after the Differential Cover, some clearancing



on the ends of the support struts may be needed (Fig 1). Place the supplied washers between the strut and the cover.

9. See below for Stock or Shark Bite:

STOCK: Use the hex bolts to attach stock style springs to the cover, installing spacers on two bolts. Torque to maximum 30 ft/lbs. Do not bend spring plate by over torquing. Vehicles may originally have had either 7/16" or 9/16" bolts. If stock bolts are 9/16" do not reuse them. Instead use the spacers, sleeves, and 7/16" bolts supplied with the kit.

SHARK BITE: Use the 3" hex bolts to mount the coil over shocks to the cover.

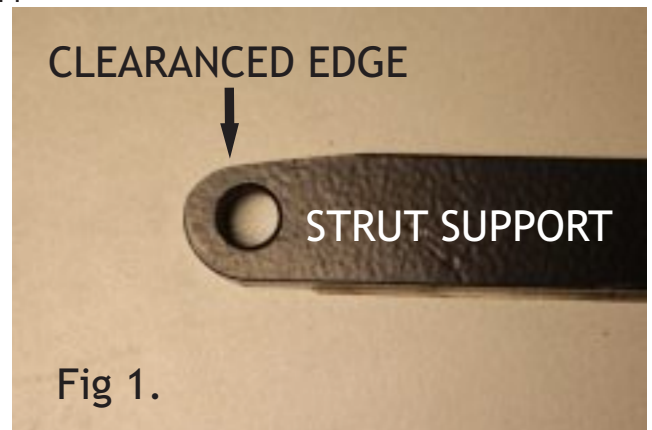


Fig 1.

SHARK BITE THREE YEAR WARRANTY TERMS

Our warranty can be found at www.speeddirect.com/threeyearwarranty. It is your responsibility to understand what Class M Corporation DBA: SpeedDirect is warranting on the components you have purchased. Be advised that our warranties change from time to time and it is our exclusive right to change the terms of the warranty at any time and for any reason.

SHARK BITE REPLACEMENT POLICY

Labor charges and/or damage incurred in installation, repair or replacement as well as incidental and consequential damages connected therewith are excluded and will not be paid by seller. Any and all costs for inspection, removal or replacement of the kit or its constituent parts or assemblies under the warranty are the responsibility of the original purchaser.