



Anode Kit Part No. 392160

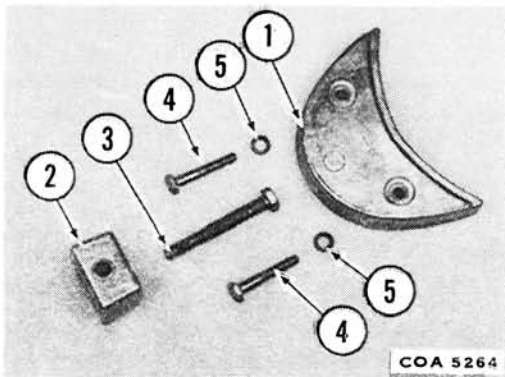
Preface

This anode kit is designed for 1982 and later OMC Sea Drive 2.5 & 2.6 litre models and Evinrude® and Johnson® V-4 models and late production 1981 and later V-6 models.

Use of anodes will ensure better corrosion protection to gearcase from galvanic corrosion and corrosion from brackish and salt waters.

Contents of Kit

Ref. No.	Part No.	Description	Qty.
1	392123	Anode-exhaust housing	1
2	393023	Anode-gearcase	1
3	328096	Screw-anode to gearcase	1
4	328049	Screw-anode to exhaust housing	2
5	307555	Lockwasher	2



Tools Required

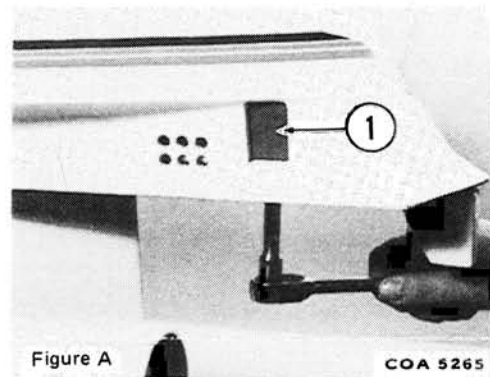
- 3/8" Drive Ratchet
- 3/8" Deep Well Socket
- 7/16" or 1/2" Deep Well Socket
- Inch Pound Torque Wrench
- Screw Lock P/N 384848

Preparation of Gearcase

If gearcase is going to be primed and repainted, do not paint the anode or the threaded surface for the anode attaching screw.

Installation-Gearcase Anode

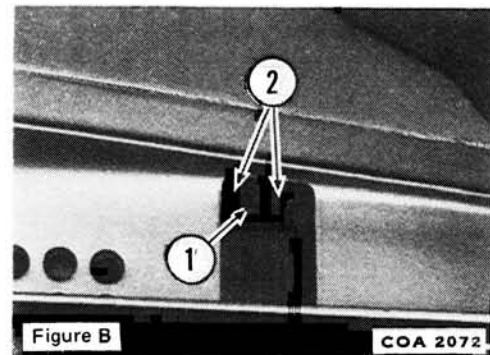
1. Use 3/8" or 1/2" deep well socket to remove filler block, discard filler block and screw. See Figure A. If there is a washer between the filler block and the gearcase, this washer 303886 must be reused and placed between the anode and gearcase.



1. Filler Block

2. When the filler block or eroded aft gearcase anode is retained by a 1/4-20 UNC screw, the gearcase screw hole has to be retapped to a 5/16-18 UNC thread size.

Flatten the area around the screw hole with a flat file to ensure a full body contact between the gearcase and anode. See Figure B



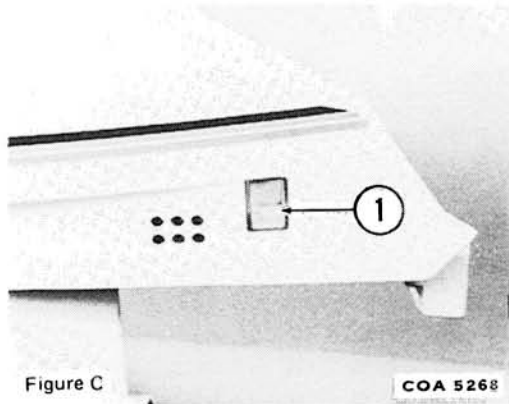
1. Retap 5/16-18 UNC, if required
2. Flatten area, if required

Product Reference & Illustration

When reference is made to a brand name, product or specific tool, an equivalent product may be used in place of the referred to product. Substitute products used must have equivalent characteristics, including type, strength, and material. Incorrect substitution may result in product malfunction and possible injury to the operator and/or passengers.

All photographs and illustrations used may not necessarily depict actual models or equipment, but are intended only for reference. Specifications used are based on the latest product information available at the time of publication.

3. The gearcase anode is marked "Rear". Install anode with "Rear" to aft of gearcase. See Figure C



1. Anode "Rear"

4. Apply Screw Lock™ P/N 384848 to threads if screw is not a locking patch screw. See Figure D

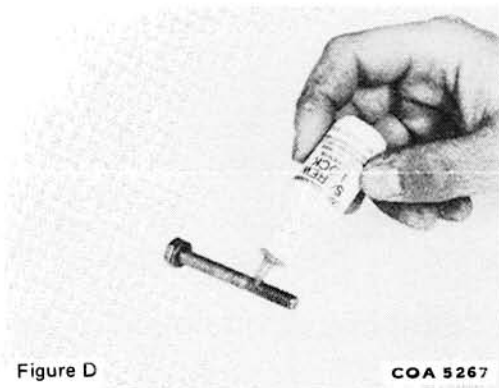


Figure D

5. Insert screw through anode into gearcase and tighten screw to a torque of 120 to 140 in. lbs. (14-16 N·m). See Figure E

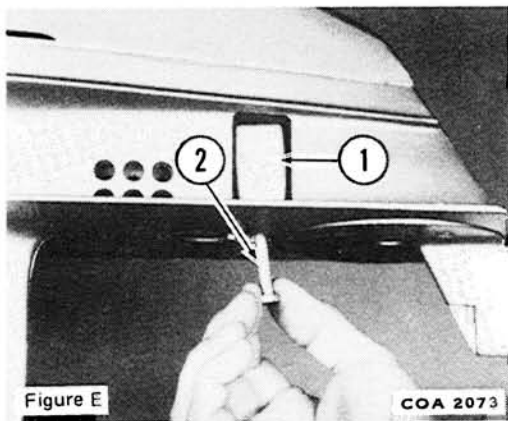


Figure E

1. Anode "Rear"
2. Screw

Installation-Exhaust Housing Anode

1. Remove and discard both forward screws. See Figure F

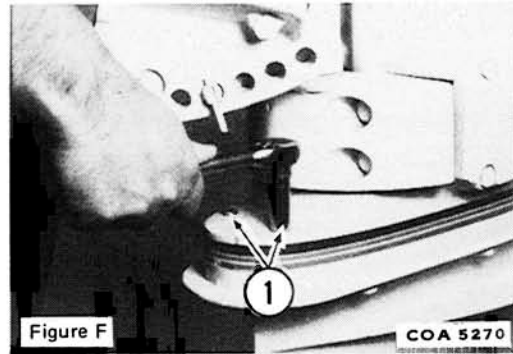


Figure F

1. Screws

2. Place lockwashers on screws. Apply Screw Lock P/N 384848 to threads if screw is not a locking patch screw. See Figure D
3. Place exhaust housing anode with part number up on exhaust housing. Insert screws through anode into exhaust housing and tighten to a torque of 60 to 80 in. lbs. (7 to 9 N·m). See Figure G.

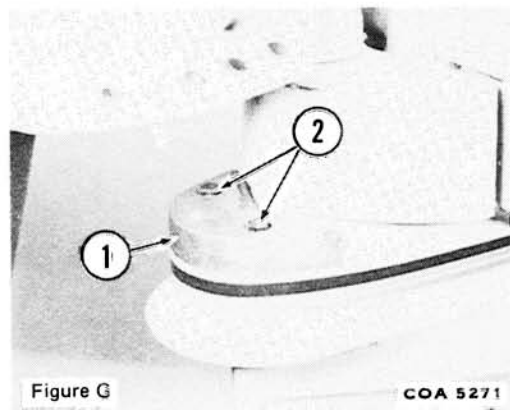


Figure G

1. Anode
2. Screws

Proper Installation Test

Make sure electrical continuity exists between gearcase and anode, and between exhaust housing and anode. Use a ohmmeter to check continuity.

Connect one ohmmeter lead to anode and the other lead to clean unpainted area of the gearcase or to the propeller shaft.

Ohmmeter should indicate low or no resistance. If high resistance is indicated check ohmmeter leads connected to anode and gearcase. If these connections are good remove anode to clean surface of threaded area in gearcase and retighten attachment screw.

Future Service

The anode of this gearcase will gradually be dissolved by galvanic corrosion. In this way the anode protects the gearcase parts from corrosion. Because the anode is being corroded away, it will require periodic replacement to protect the gearcase. The type of water in which the gearcase is used will determine the length of time before the anode must be replaced.

When the anode has dissolved to approximately 2/3 of its original size, replace it with a new anode.