

Stringer

LOWER GEAR HOUSING GEARS - STANDARD

STANDARD DUTY

Replacement Gear Sets

These gearsets are an exact copy of the gears used in the V6 and V8 OMC Sterndrives from 1978-1985 with mechanical shift* (not 1978-1980 with hydraulic shift).

**Many 1978-1980 OMC hydraulic shift lower gearcases have been replaced with the 1981-85 mechanical shift lower gearcase. 1978-1980 hydraulic shift gear sets are still available, GLM #22620.*



COMPLETE GEAR SET - Forward/Pinion/Reverse - 14/26 teeth - Comes with the GLM #22625 clutch	GLM #22622	OEM N/A
FORWARD & PINION SET - May be used with OMC reverse gear - 14/26 teeth	GLM #22623	OEM #5004216
REVERSE GEAR - May be used with OMC forward and pinion gears - 26 teeth - Includes thrust washer #21651**	GLM #22624	OEM #910994
CLUTCH	GLM #22625	OEM #337774

****For model year 1990 OMC increased the prop shaft diameter at the carrier needle bearing (not the prop splines) from 1-3/16 to 1-1/4 inches. Some older gearcases may be fitted with the new large diameter prop shaft. The large diameter prop shaft utilizes a thrust washer (included with this gear set) between the prop shaft and reverse gear. Discard the thrust washer when using the small diameter prop shaft.**

It is recommended that the above standard duty replacement gears be used only with V6 powered sterndrives listed below:

3.8L/229CI	V6	Chev.	1981-85
4.3L/262CI	V6	Chev.	1985

GLM recommends the heavy-duty gearset #22666 for all V8 powered sterndrives.

Stringer

LOWER GEAR HOUSING GEARS - 4 CYLINDER

4-CYLINDER GEARS

These gearsets are an exact copy of the gears used in the 4-Cylinder OMC Sterndrives from 1978-1985 with mechanical shift (not 1978-1980 with hydraulic shift).



#22631
Forward & Pinion Set

#22632
Reverse Gear

#22633
Clutch Dog

COMPLETE GEAR SET - Forward/Pinion/Reverse - 13/26 teeth - Comes with the GLM #22633 clutch	GLM #22630	OEM N/A
FORWARD & PINION SET - May be used with OMC reverse gear - 13/26 teeth	GLM #22631	OEM #986979
REVERSE GEAR - May be used with OMC forward and pinion gears - 26 teeth	GLM #22632	OEM #345992
CLUTCH	GLM #22633	OEM #910578

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LOWER GEAR HOUSING GEARS - V6 MECHANICAL / HYDRAULIC SHIFT



#22621
Forward & Pinion Set



#22652
Reverse Gear



#22625
Clutch Dog

COMPLETE GEAR SET - Forward/Pinion/Reverse - 14/26 teeth - Comes with the GLM #22625 clutch	GLM #22620	OEM N/A
FORWARD & PINION SET - 14/26 teeth	GLM #22621	OEM #5004941
REVERSE GEAR & CLUTCH - 26 teeth	GLM #22652	OEM #437297
CLUTCH	GLM #22625	OEM #337774, 914716, 915272

LOWER GEAR HOUSING GEARS APPLICATION GUIDE

Model	Year	Lower Drive Shaft	Prop Shaft	Pinion/Fwd Gear Set	Reverse Gear	Clutch Dog	Complete Set w/ Clutch Dog
HYDRAULIC SHIFT (1978-1980)							
120/140	1978-1980	-	-	-	-	22633	-
185/225	1978-1980	22413	-	22621	22624	22625	22620
240/250 Ford	1978-1979	22413	-	22621	22624	22625	22620
200/230/260	1978-1980	22413	-	22621	22624	22625	22620
MECHANICAL SHIFT (1981-1985)							
120/2.5	1981-1985	-	22416	22631	22632	22633	22630
140/3.0	1981-1985	-	22416	22631	22632	22633	22630
3.8	1981-1985	22413	22414	22666*		22625	-
3.8	1981-1985	22413	22414	22623	22624	22625	22622
4.3	1985	22413	22414	22666*		22625	-
4.3	1985	22413	22414	22623	22624	22625	22622
200/230/260	1981	22413	22414	22666*		22625	-
5.0/5.7	1982-1985	22413	22414	22666*		22625	-

* Heavy Duty Gear Set

For the 1978 model year the OMC stringer sterndrive was redesigned, the old electric shift lower gear housing was replaced with this new hydraulic shift assist, large diameter, V6 gear housing. The hydraulic shift assist lower gear housing did not prove to be reliable and was replaced with a mechanical shift lower gear housing on the 1979 and newer V6 outboards and the 1981 and newer OMC sterndrives. OMC made available to owners of 1978-1980 sterndrives a mechanical shift lower gear housing conversion kit for a very low price. This kit consisted of a complete lower gear housing, an ESA (electronic shift assist) box, ESA activation switch and two shift overstroke switches.

It is the customer's responsibility to determine if a 1978-1980 OMC sterndrive has the original hydraulic shift assist lower gear housing or has been converted to the mechanical shift lower gear housing.

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LOWER GEAR HOUSING COMPONENTS (1978-1985)

No. 86040

OIL SEAL - SWIVEL BEARING
RETAINER
OEM: 310649



No. 86050

OIL SEAL - SWIVEL BEARING
RETAINER
OEM: 313353



No. 27780

SWIVEL BEARING RETAINER - V6 & V8
OEM: 982439



No. 34720

GASKET - V6 & V8
OEM: 910236



No. 33730

GASKET - 4 CYL
OEM: 910338



No. 86060

OIL SEAL (2)
OEM: 321467



No. 22362

SCREW
OEM: 317624



No. 22730

BEARING HOUSING & SEAL
OEM: 982422



No. 81380

O-RING
OEM: 314728



No. 23590

SHIM 0.003"
OEM: 323362

No. 23580

SHIM 0.004"
OEM: 323361



No. 23510

SHIM 0.005"
OEM: 314745

No. 21645

THRUST WASHER
OEM: 327656



No. 16330

THRUST BEARING
OEM: 387656



No. 22413

DRIVE SHAFT - V6 & V8
OEM: 982424



No. 21610

PINION BEARING - V6 & V8
OEM: 387817

No. 22860

PINION BEARING - 4 CYL
OEM: 379504



No. 11190

NUT
OEM: 314730



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PROP SHAFT PARTS - 4-CYL W/MECHANICAL SHIFT (1978-1985)

No. 86030

OIL SEAL - PROP SHAFT (2)
OEM: 330137



No. 22860

BEARING - PROP SHAFT
OEM: 379504



No. 22416

PROP SHAFT
OEM: 436888



No. 22870

REVERSE GEAR -
BEARING CARRIER
OEM: 382407



No. 21642

THRUST WASHER -
REVERSE GEAR
OEM: 314731



No. 16300

THRUST BEARING -
REVERSE GEAR
OEM: 382408



No. 82370

O-RING - CARRIER
OEM: 313446



PROP SHAFT PARTS - V6 & V8 W/MECHANICAL SHIFT (1978-1985)

No. 85130

OIL SEAL - PROP SHAFT (2)
OEM: 320862



No. 11410

BEARING - PROP SHAFT
OEM: 387247



No. 22414

PROP SHAFT
OEM: 395209



No. 22870

REVERSE GEAR -
BEARING CARRIER
OEM: 382407



No. 21642

THRUST WASHER -
REVERSE GEAR
OEM: 314731



No. 16300

THRUST BEARING -
REVERSE GEAR
OEM: 382408



No. 82400

O-RING - CARRIER
OEM: 305123



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LOWER GEAR HOUSING - 4-CYL. W/MECHANICAL SHIFT (1978-1985)

No. 11052

SPRING
OEM: 324369



No. 21135

CROSS PIN
OEM: 313448



No. 22633

CLUTCH DOG
OEM: 910578



No. 16310

THRUST BEARING -
FORWARD GEAR
OEM: 385043



No. 21644

THRUST WASHER -
FORWARD GEAR
OEM: 324766



No. 21135

PIN
OEM: 313448



No. 27741

LEVER
OEM: 324037



No. 27721

DETENT
OEM: 910310



No. 27710

SHAFT
OEM: 322941



No. 27730

CRADLE
OEM: 982422



No. 28483

SHAFT & BEARING HSG KIT
OEM: N/A



No. 22870

BEARING
OEM: 382407



No. 27702

HOUSING &
BEARING ASSY
OEM: 391365



Stringer

LOWER GEAR HOUSING - V6 & V8 W/MECHANICAL SHIFT (1978-1985)

No. 11052

SPRING
OEM: 324369



No. 21135

CROSS PIN
OEM: 313448



No. 22625

CLUTCH DOG
OEM: 337774



No. 16340

THRUST BEARING -
FORWARD GEAR
OEM: 389042



No. 21646

THRUST WASHER -
FORWARD GEAR
OEM: 327669



No. 21137

PIN
OEM: 328825



No. 27740

LEVER
OEM: 322938



No. 27721

DETENT
OEM: 910310



No. 27710

SHAFT
OEM: 322941



No. 27730

CRADLE
OEM: 982422



No. 28480

SHAFT & BEARING HSG KIT
OEM: N/A



No. 22910

BEARING
OEM: 389039



No. 27700

HOUSING &
BEARING ASSY
OEM: 389455



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SHIFT PARTS

No. 34690

GASKET
OEM: 909604



Shift Housing Cover

No. 33960

GASKET
OEM: 911878



Shift Housing

No. 27870

RACK
OEM: 910311



No. 27880

PIN
OEM: 910539



No. 22145

COTTER PIN
OEM: 306376



No. 27890

SHIFT ROD - V6 & V8
OEM: 910309



MISCELLANEOUS

No. 23112

TRIM TAB V6 & V8
OEM: 912392



No. 21731

SCREW SET
OEM: 318544



No. 22368

SCREW
OEM: 313715



No. 31171

GASKET
OEM: 311598



Stringer

ELECTRIC SHIFT LOWER

No. 22310

PINION NUT
OEM: 907866



No. 86040

OIL SEAL - SWIVEL BEARING RETAINER
OEM: 310649



No. 86050

OIL SEAL - SWIVEL BEARING RETAINER (2)
OEM: 313353



No. 27782

SWIVEL BEARING RETAINER
OEM: 980014



No. 33010

GASKET
OEM: 313368



WATER TUBE GROMMETS

No. 86320

OEM: 310597



4-Cyl.
Lower Grommet

No. 86330

OEM: 908594



All
Upper Grommet

No. 86340

OEM: 909019



6 & 8-Cyl.
Lower Grommet

No. 85110

OIL SEAL - PROP SHAFT (2)
OEM: 310599



No. 27931

SHIFT CABLE ASSEMBLY
OEM: 379628



Electric Shift



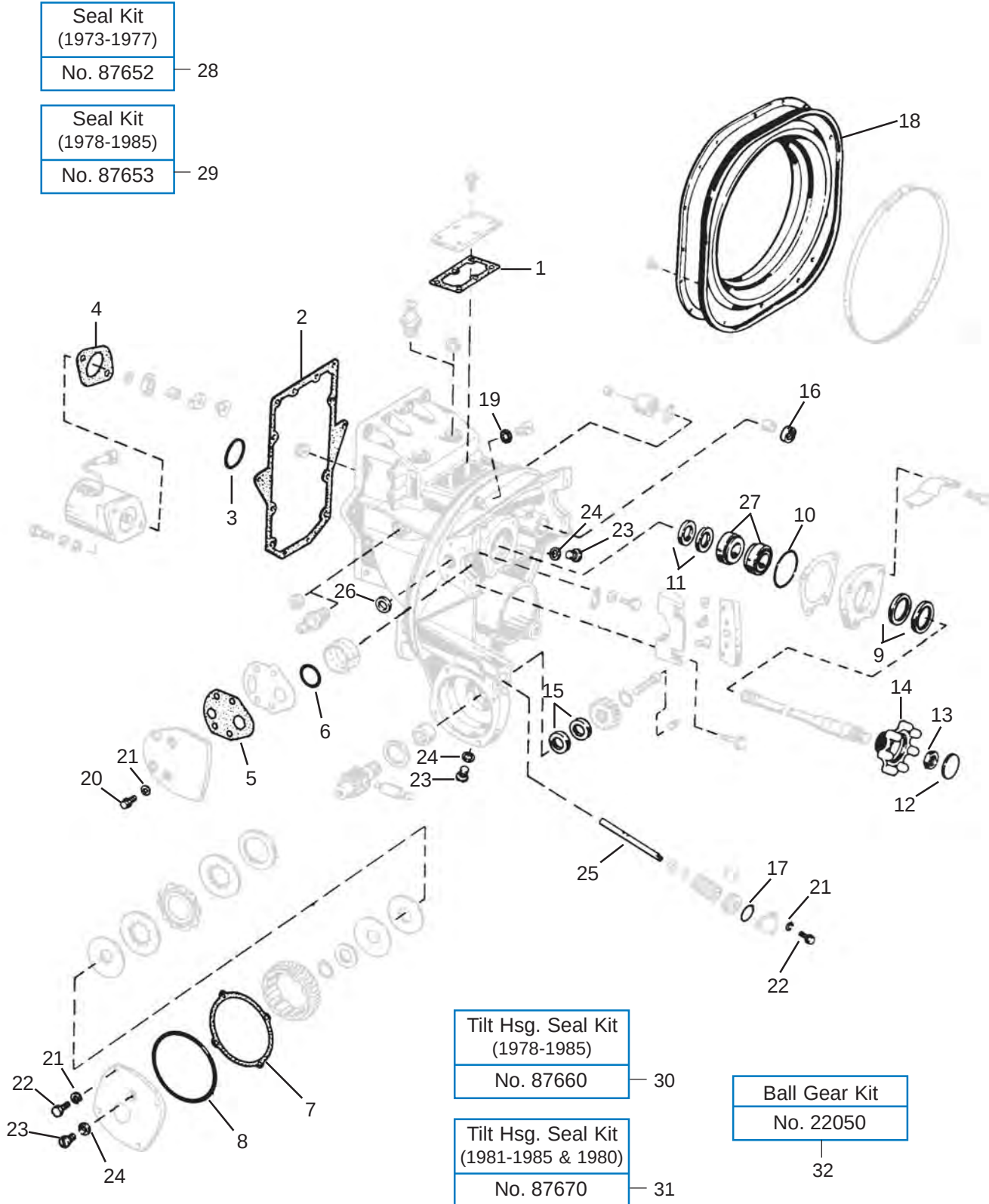
Section 8

OMC Stringer Intermediate Housing Parts 1985 & Older

<i>Intermediate Housing - Breakdown</i>	<i>92-93</i>
<i>Intermediate Housing - Seal Kit</i>	<i>94</i>
<i>Tilt Housing - Seal Kit</i>	<i>94</i>
<i>Drive Installation Kits.....</i>	<i>94</i>
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<i>Transom Boot/Seal.....</i>	<i>96</i>

Stringer

INTERMEDIATE HOUSING



Stringer

[illegible]

Stringer

INTERMEDIATE GEAR HOUSING SEAL KITS

No. 87652

OEM: 981801



For All Models (1973-1977)

No. 87653

OEM: 982948



For All Models (1978-1985)

TILT HOUSING SEAL KITS

No. 87660

OEM: N/A

STRINGER MOUNT
Before 1980

Kit contains:

GLM	OEM	Item	Qty.
82140	302540	O-Ring	1
33060	308799	Gasket	1
31171	311598	Washer	2
81550	908194	O-Ring	1
86070	911019	Seal	1



No. 87670

OEM: N/A

STRINGER MOUNT
1981-1985 & 1980
K & U Suffix Model

Kit contains:

GLM	OEM	Item	Qty.
82140	302540	O-Ring	1
81550	908194	O-Ring	1
33060	308799	Gasket	1
31171	311598	Gasket	2
86060	321467	Seal	2



DRIVE INSTALLATION KITS

No. 34820

OEM: N/A

STRINGER MOUNT
Electric Shift
Stringer
(1971-1977)

Kit contains:

GLM	OEM	Item	Qty.
33480	316499	Gasket	2
81270	308626	O-Ring	2
34750	313244	Gasket	2



No. 34810

OEM: N/A

STRINGER MOUNT
Mechanical Shift
Stringer
(1978-1985)

Kit contains:

GLM	OEM	Item	Qty.
33470	909529	Gasket	2
81270	308626	O-Ring	2
34750	313244	Gasket	2



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INTERMEDIATE HOUSING

No. 34230

GASKET - TILT MOTOR
OEM: 311508

(1967-1976)



No. 22040

TILT WORM SHAFT
OEM: 980183



No. 82140

O-RING - TILT SHAFT COVER
OEM: 302540



No. 33950

GASKET - TILT MOTOR
OEM: 909902

(1980-1985)



No. 21492

LOCKWASHER
OEM: 302290



No. 22327

SCREW - TILT SHAFT COVER
OEM: 909386



No. 33060

GASKET - TILT
CLUTCH COVER
OEM: 308799



No. 81550

O-RING - TILT
CLUTCH COVER
OEM: 908194



No. 86070

OIL SEAL - TILT
CLUTCH SHAFT
OEM: 911019

(1971-
1979)



No. 86060

OIL SEAL - TILT
CLUTCH SHAFT (2)
OEM: 321467

(1980-
1985)



INTERMEDIATE HOUSING - DRIVE SHAFT ASSEMBLY

No. 85010

OIL SEAL -
SHAFT INNER
OEM: 313992



No. 21512

BEARING - SHAFT
OEM: 3854250



No. 86010

OIL SEAL -
SHAFT OUTER
OEM: 981195



No. 22010

BALL GEAR -
INTERMEDIATE HSG.
OEM: 908063



No. 22030

BALL GEAR
COVER
OEM: 908062



No. 81440

O-RING - BEARING RETAINER
OEM: 908383



No. 22330

BALL GEAR NUT
OEM: 908064



No. 22050

BALL GEAR KIT
OEM: N/A

Kit contains:

GLM	OEM	ITEM
82350	308621	O-ring
22030	908062	Cover (2)
22010	908063	Ball Gear
22330	908064	Nut (2)
22020	908069	Ball Gear
81440	908383	O-ring
86010	981195	Seal (2)
86080	981196	Seal (2)



Stringer

INTERMEDIATE HOUSING PARTS

No. 33470

GASKET -
SIDE COVER
OEM: 909529

(1978-1985)



No. 33480

GASKET -
SIDE COVER
OEM: 316499

(1971-1977)



No. 34750

CORK SEAL -
SIDE COVER
OEM: 313244



No. 81270

O-RING -
SIDE COVER
OEM: 308626



No. 21492

SIDE COVER SCREW
LOCKWASHER
OEM: 302290



No. 22325

SCREW -
SIDE COVER
OEM: 909533

No. 34760

OIL RESERVOIR GASKET
OEM: 313246



No. 33900

ENGINE BELL HOUSING GASKET
OEM: 909515



No. 86590

STEERING SHAFT SEAL
OEM: 908855



No. 21731

SCREW SET - FILL PLUG
OEM: 318544



No. 31171

GASKET
OEM: 311598



No. 33050

RUBBER GASKET - LARGE DRAIN PLUG
OEM: 315189



No. 82260

O-RING - INTERMEDIATE HOUSING
BELL HOUSING
OEM: 315189



TRANSOM SEALS

No. 86700

OEM: 313080

Electric Shift
Stringer
(1967-1977)



Has 16 Screw Holes

No. 86710

OEM: 909527

Mechanical Shift
Stringer
(1978-1986)



Has 22 Screw Holes

Section 9

OMC Cobra & Stringer Prop Hardware, Anodes, Tools

<i>Prop Hardware (Cobra SX, Cobra & Stringer)</i>	<i>98-99</i>
<i>Anodes</i>	<i>100</i>
<i>Prop Wrench Kits & Prop Wrenches</i>	<i>101</i>
<i>Marine Service Tools</i>	<i>101-102</i>

Cobra & Stringer

PROP HARDWARE - 4-CYL (1978-1989) & 2.3L (1990)

No. 22120

COTTER PIN
OEM: 314502



No. 22150

5/8 X 11 NUT
OEM: 314503



No. 22250

13 SPLINE WASHER
OEM: 315810



No. 22230

5/8 THICK THRUST WASHER
OEM: 127084



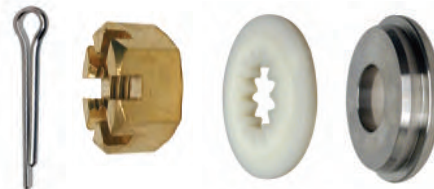
No. 22340

KIT WITHOUT THRUST WASHER
OEM: 175267



No. 22235

KIT WITH THRUST WASHER
OEM: 5005034



PROP HARDWARE - 4-CYL 3.0L (1990) & V6 / V8 (1978-1990)

No. 22142

COTTER PIN
OEM: 3852056



No. 22185

3/4 x 16 NUT
OEM: 398042

Comes with pin No. 22142



No. 22190

15 SPLINE WASHER
OEM: 320570



No. 22220

9/16 THICK THRUST WASHER
OEM: 333592



No. 22185

NUT
OEM: 398042



No. 22200

KIT WITHOUT THRUST WASHER
OEM: 175266



No. 22225

KIT WITH THRUST WASHER
OEM: 434153



Cobra & Stringer

PROP HARDWARE - ALL (1991-1993)

No. 22142

COTTER PIN
OEM: 3852056



No. 22185

3/4 x 16 NUT
OEM: 398042

Comes with pin No. 22142



No. 22190

15 SPLINE WASHER
OEM: 320570



No. 22221

9/16 THICK THRUST WASHER
OEM: 3852020



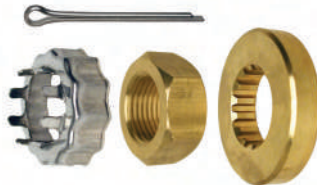
No. 22185

NUT
OEM: 398042



No. 22200

KIT WITHOUT THRUST WASHER
OEM: 175266



No. 22186

PROP WASHER KIT
OEM: N/A
(No. 22200 + 22221)



PROP HARDWARE - ALL (1994-1998)

No. 22142

COTTER PIN
OEM: 3852056



No. 22185

3/4 x 16 NUT
OEM: 398042

Comes with pin No. 22142



No. 22252

19 SPLINE WASHER
OEM: 3852350



No. 22221

9/16 THICK THRUST WASHER
OEM: 3852020



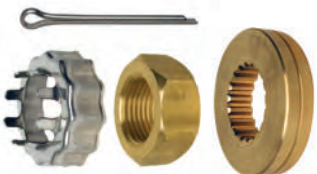
No. 22185

NUT
OEM: 398042



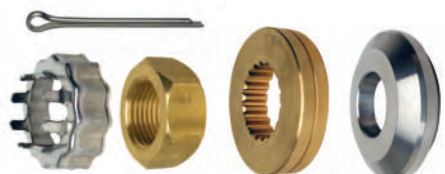
No. 22188

KIT WITHOUT THRUST WASHER
OEM: N/A
(No. 22252 + 22185)



No. 22189

PROP WASHER KIT
OEM: N/A
(No. 22188 + 22221)



Cobra & Stringer

ANODES

No. 12892

GEARCASE ANODE KIT
OEM: N/A



Stringer (1978-1985)

No. 12893

GEARCASE ANODE KIT
OEM: N/A



Cobra (1986-1993)

No. 12773

LOWER GEAR HOUSING
ANODE
OEM: 983494



Stringer (1984 & 1985)
Cobra (1986)

No. 12776

LOWER GEAR HOUSING
ANODE
OEM: 436745



Stringer (1982-1985)
Cobra, except 460 (1986-1993)

No. 12737

PROP SHAFT CARRIER
ANODE
OEM: 431708



Cobra (1986-1993)

No. 12774

LOWER GEAR HOUSING
ANODE
OEM: 3853818



Cobra (1987-1994)

No. 12683

LOWER GEAR HOUSING
ANODE
OEM: 397768



460 Cobra (1987-1989)

No. 12772

TRANSOM ASSEMBLY
ANODE
OEM: 982438



Stringer (1975-1985)

No. 12775

TRANSOM ASSEMBLY
ANODE
OEM: 984547



Cobra (1986-1989)

No. 12698

TRANSOM ASSEMBLY
ANODE
OEM: 3853930



Cobra (1990-1993)

No. 12699

TRANSOM ASSEMBLY
ANODE
OEM: 3854130



Cobra (1994-1998)

No. 12682

UPPER GEAR HOUSING
ANODE
OEM: 3854061



King Cobra (1990-1995)

No. 12681

PROP SHAFT CARRIER
ANODE
OEM: 3852970



Cobra (1994-1998)
King Cobra (1990-1995)