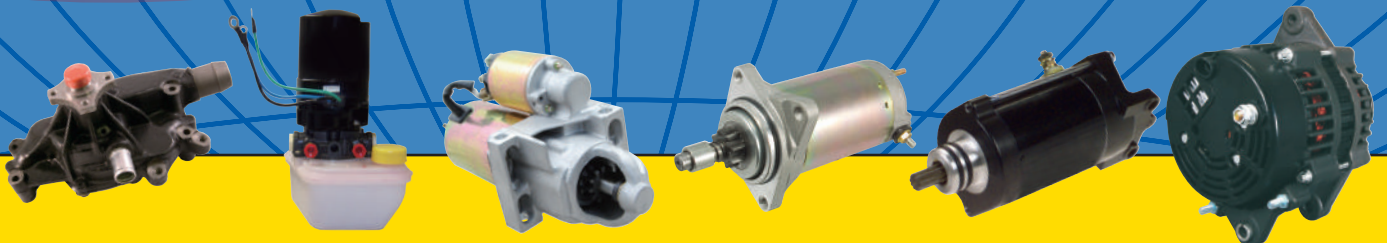


MARINE

**100% New Alternators,
Starters & Tilt Trim Motors**




MARINE UNITS Application & Buyers Guide





Advantages

Для лодочных моторов

YEAR	MAKE / MODEL	YEAR	MAKE / MODEL
5389N		5389N	<i>- continued</i>
	UT, 12 Volt, CCW, 8-Tooth Pinion		
			
2000-93	Mariner 135CXL	2000-95	Mercury 150CXL EFI
1988-86	Mariner 135ELPTO	2005-99	Mercury 150CXL EFI Saltwater
1988-86	Mariner 135EXLPTO	2005-99	Mercury 150CXL Saltwater
2000-89	Mariner 135L	1985-78	Mercury 150ELPT
2000-89	Mariner 135XL	1988-86	Mercury 150ELPTO
1998-92	Mariner 150 Magnum EFI	1987-84	Mercury 150ELPTO XR2
1991-89	Mariner 150 Magnum II	1991-88	Mercury 150ELPTO XR4
2000-94	Mariner 150 Magnum III	1988-84	Mercury 150ELXPTO
1998-89	Mariner 150CXL	1985-78	Mercury 150EXLPT
2000-94	Mariner 150CXL EFI	2005-89	Mercury 150L
2000-99	Mariner 150CXL Saltwater	2005-96	Mercury 150L EFI
1985-79	Mariner 150ELPT	2005-99	Mercury 150L EFI Saltwater
1988-86	Mariner 150ELPTO	1998-95	Mercury 150L Jet 105
1988-86	Mariner 150ELXPTO	1998	Mercury 150L Pro Max
1985-79	Mariner 150EXLPT	2005-99	Mercury 150L XR6
1998-89	Mariner 150L	1998	Mercury 150SS Pro Max
2000-99	Mariner 150L EFI	1998-89	Mercury 150XL
1998-95	Mariner 150L Jet 105	2000-95	Mercury 150XL EFI
2000-99	Mariner 150L XR6	2005-99	Mercury 150XL EFI Saltwater
1998-89	Mariner 150XL	2005-99	Mercury 150XL Saltwater
2000-94	Mariner 150XL EFI	1998-92	Mercury 150XR6
2000-99	Mariner 150XL Saltwater	1995-93	Mercury 150XRI EFI
2000-89	Mariner 175CXL	1999-89	Mercury 175CXL
1980-79	Mariner 175ELPT	2000	Mercury 175CXL EFI
1988-85	Mariner 175ELPTO	1981-76	Mercury 175ELPT
1980-79	Mariner 175EXLPT	1988-85	Mercury 175ELPTO
1988-85	Mariner 175EXLPTO	1981-78	Mercury 175EXLPT
2000-89	Mariner 175L	1988-85	Mercury 175EXLPTO
1999-91	Mariner 175L Magnum EFI	1999-89	Mercury 175L
1990	Mariner 175SKI	2002-96	Mercury 175L EFI
2000-89	Mariner 175XL	1999-89	Mercury 175XL
2000-97	Mariner 175XL EFI	2002-97	Mercury 175XL EFI
2000-89	Mariner 200CXL	1991	Mercury 175XLI
2000-94	Mariner 200CXL EFI	1995-92	Mercury 175XRI EFI
1984-80	Mariner 200ELPT	All	Mercury 2.4L Racing
1988-85	Mariner 200ELPTO	All	Mercury 2.5L Racing
1984-80	Mariner 200EXLPT	2004-89	Mercury 200CXL
1988-85	Mariner 200EXLPTO	2005-94	Mercury 200CXL EFI
2000-89	Mariner 200L	1984-78	Mercury 200ELPT
2000-95	Mariner 200L Jet 140	1988-84	Mercury 200ELPTO
2000-92	Mariner 200L Magnum EFI	1994-89	Mercury 200ELPTO XRI
2000-89	Mariner 200XL	1984-78	Mercury 200EXLPT
2000-94	Mariner 200XL EFI	1988-84	Mercury 200EXLPTO
1995-94	Mariner 200XRI EFI	2004-89	Mercury 200L
1988-87	Mariner 220EFIELPTO Magnum	2005-96	Mercury 200L EFI
1988-87	Mariner 220EFIEXLPTO Magnum	2000-94	Mercury 200L Jet 140
1990-89	Mariner 250XL	1999-98	Mercury 200L Promax Racing
1990-89	Mariner 250XXL	1999-98	Mercury 200SS Promax Racing
1994-91	Mariner 275CXL	2004-89	Mercury 200XL
1994-91	Mariner 275CXXL	2005-94	Mercury 200XL EFI
1993-91	Mariner 275L	1995-94	Mercury 200XRI EFI
1994-91	Mariner 275XL	1988-87	Mercury 220ELPTO Laser XRI
1994-91	Mariner 275XXL	1988-87	Mercury 220EXLPTO Laser XRI
2000-90	Mercury 135CXL	2000-98	Mercury 225CL Promax Racing
1988-86	Mercury 135ELPTO Marathon	2000-98	Mercury 225CS Promax Racing
1988-86	Mercury 135EXLPTO Marathon	2000-98	Mercury 225L Promax Racing
2000-89	Mercury 135L	2000-98	Mercury 225SS Promax Racing
2000-89	Mercury 135XL	1990-89	Mercury 250XL
1999-89	Mercury 150CXL	1990-89	Mercury 250XXL
		1994-91	Mercury 275CXL
		1994-91	Mercury 275CXXL
		1993-91	Mercury 275L
		1994-89	Mercury 275XL
		1994-89	Mercury 275XXL
		1987-84	Mercury 3.4LELPT
		1987-84	Mercury 3.4LEXLPT
		1983-81	Mercury 300ELPT
		1983-81	Mercury 300EXLPT

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5393N

PS, 12 Volt, CCW, 10-Tooth Pinion



1985-79 Mariner 150ELPT
 1985-79 Mariner 150EXLPT
 1980-79 Mariner 175ELPT
 1988-85 Mariner 175ELPTO
 1980-79 Mariner 175EXLPT
 1988-85 Mariner 175EXLPTO
 1977-76 Mercury 115EL
 1977-76 Mercury 115ELPT
 1974-73 Mercury 115HP
 1977-74 Mercury 150EL
 1985-76 Mercury 150ELPT
 1985-84 Mercury 150ELPTO XR2
 1985-84 Mercury 150ELXPTO
 1985-78 Mercury 150EXLPT
 1977-73 Mercury 150HP
 1981-76 Mercury 175ELPT
 1988-85 Mercury 175ELPTO
 1981-78 Mercury 175EXLPT
 1988-85 Mercury 175EXLPTO

5396N

PS, 12 Volt, CW, 10-Tooth Pinion



1984-72 Chrysler Various Models
 1989-86 Force 357F

5398N

UT, 12 Volt, CCW, 9-Tooth Pinion

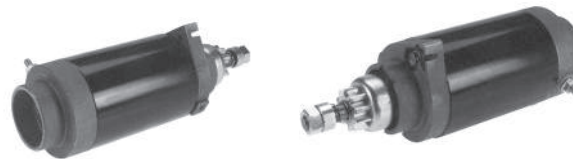


1984-80 Mariner 200ELPT
 1988-85 Mariner 200ELPTO
 1984-80 Mariner 200EXLPT
 1988-85 Mariner 200EXLPTO
 1984-78 Mercury 200ELPT
 1988-84 Mercury 200ELPTO
 1984-78 Mercury 200EXLPT
 1988-84 Mercury 200EXLPTO
 1981-80 Mercury 225ELPT
 1981-80 Mercury 225EXLPT

YEAR MAKE / MODEL

5399N

UT, 12 Volt, CCW, 10-Tooth Pinion



1997-89 Mariner 40ELHPTO
 1996-90 Mariner 40ELHPTO Magnum
 1997-90 Mariner 40ELO
 1996-91 Mariner 40ELO Magnum
 1997-89 Mariner 40ELPTO
 1996-90 Mariner 40ELPTO Magnum
 1997-90 Mariner 40EO
 1997-95 Mariner 40EO Jet 30
 1996-92 Mariner 40EO Magnum
 1988-86 Mariner 45ELHO
 1988 Mariner 45ELHPTO
 1989-86 Mariner 45ELO
 1989-86 Mariner 45ELPTO
 1984-80 Mariner 50E
 1985-80 Mariner 50EL
 1985-80 Mariner 50ELH
 1986 Mariner 50ELO
 1985-80 Mariner 50ELPT
 1986 Mariner 50ELPTO
 1997-89 Mercury 40ELHPTO
 1997-89 Mercury 40ELO
 1997-89 Mercury 40ELPTO
 1997-92 Mercury 40EO
 1997-94 Mercury 40EO Jet 30
 1988-86 Mercury 45ELHO
 1988 Mercury 45ELHPTO
 1989-86 Mercury 45ELO
 1989-86 Mercury 45ELPTO
 1984-78 Mercury 50E
 1984-79 Mercury 50EH
 1985-78 Mercury 50EL
 1985-79 Mercury 50ELH
 1985-80 Mercury 50ELPT
 1977-76 Mercury 50HP

5400N

UT, 12 Volt, CCW, 9-Tooth Pinion



1969-65 Mercury 35HP
 1983-78 Mercury 40E
 1983-79 Mercury 40EH
 1983-78 Mercury 40EL
 1983-79 Mercury 40ELH
 1977-70 Mercury 40HP
 1975-65 Mercury 50HP

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5401N

UT, 12 Volt, CCW, 10-Tooth Pinion



1997-92 Mariner 50ELHPTO
 1997-86 Mariner 50ELO
 1997-86 Mariner 50ELPTO
 1994-92 Mariner 50EO
 1985-84 Mariner 60EL
 1997-92 Mariner 60ELHPTO
 1997-86 Mariner 60ELO
 1985-84 Mariner 60ELPT
 1997-86 Mariner 60ELPTO
 1997-95 Mariner 60ELPTO Big Foot
 1997-92 Mariner 60EO
 1997-95 Mariner 60EO Jet 45
 1997-92 Mercury 50ELHPTO
 1997-86 Mercury 50ELO
 1997-86 Mercury 50ELPTO
 1995-92 Mercury 50EO
 1984 Mercury 60E
 1985-84 Mercury 60EL
 1997-92 Mercury 60ELHPTO
 1997-86 Mercury 60ELO
 1985-84 Mercury 60ELPT
 1997-86 Mercury 60ELPTO
 1997-95 Mercury 60ELPTO Big Foot
 1997-92 Mercury 60EO
 1997-94 Mercury 60EO Jet 45

5708N

UT, 12 Volt, CCW, 10-Tooth Pinion



1986 Mariner 50ELO
 1986 Mariner 50ELPTO
 1985-84 Mariner 60EL
 1986 Mariner 60ELO
 1985-84 Mariner 60ELPT
 1986 Mariner 60ELPTO
 1979 Mariner 70E
 1983-79 Mariner 70EL
 1983-80 Mariner 70ELPT
 1985-84 Mariner 75EL
 1999-94 Mariner 75ELHPTO
 1991-86 Mariner 75ELO
 1985-84 Mariner 75ELPT
 1999-86 Mariner 75ELPTO
 1983-78 Mariner 80EL
 1983-79 Mariner 80ELPT
 1999-91 Mariner 90ELHPTO
 1988-87 Mariner 90ELO
 1999-87 Mariner 90ELPTO
 1999 Mariner 90ELPTO Coastal
 1999-95 Mariner 90ELPTO Jet 65
 1987-86 Mercury 50ELO
 1987-86 Mercury 50ELPTO

YEAR MAKE / MODEL

5708N - continued

1984 Mercury 60E
 1985-84 Mercury 60EL
 1987-86 Mercury 60ELO
 1985-84 Mercury 60ELPT
 1987-86 Mercury 60ELPTO
 1976-72 Mercury 65HP
 1983-78 Mercury 70E
 1983-78 Mercury 70EL
 1989-80 Mercury 70ELPT
 1989-87 Mercury 70ELPTO
 1977 Mercury 70HP
 1985-84 Mercury 75EL
 1999-89 Mercury 75ELHPTO
 1991-86 Mercury 75ELO
 1985-84 Mercury 75ELPT
 1999-86 Mercury 75ELPTO
 1982-78 Mercury 80E
 1983-78 Mercury 80EL
 1989-87 Mercury 80ELO
 1983-79 Mercury 80ELPT
 1989-87 Mercury 80ELPTO
 1977-76 Mercury 85HP
 1999-91 Mercury 90ELHPTO
 1988-87 Mercury 90ELO
 1999-87 Mercury 90ELPTO
 1999 Mercury 90ELPTO Coastal
 1999-94 Mercury 90ELPTO Jet 65

5709N

UT, 12 Volt, CCW, 8-Tooth Pinion



1979-77 Evinrude E150 (Older Models)
 1991-88 Evinrude E150CX
 1991-84 Evinrude E150STL
 1991-84 Evinrude E150TL
 1983-80 Evinrude E150TRL
 1983-80 Evinrude E150TRX
 1991-84 Evinrude E150TX
 1995-85 Evinrude E155WTL
 1995-85 Evinrude E155WTX
 1979-77 Evinrude E175 (Older Models)
 1991-90 Evinrude E175STL
 1989-86 Evinrude E175TL
 1983-80 Evinrude E175TRL
 1983-80 Evinrude E175TRX
 1991-85 Evinrude E175TX
 1985-84 Evinrude E185TL
 1985-84 Evinrude E185TX
 1979-77 Evinrude E200 (Older Models)
 1987-86 Evinrude E200STL
 1983-80 Evinrude E200TRL
 1983-80 Evinrude E200TRX
 1987 Evinrude E200TX
 1979-77 Evinrude E225 (Older Models)
 1987 Evinrude E225CL
 1987 Evinrude E225CX
 1987 Evinrude E225PL
 1986 Evinrude E225PTL
 1986 Evinrude E225PTX
 1987 Evinrude E225PX
 1987-86 Evinrude E225TL

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5709N - continued

1987-86 Evinrude E225TX
 1979-77 Evinrude E235 (Older Models)
 1985-84 Evinrude E235STL
 1985-84 Evinrude E235TL
 1983-80 Evinrude E235TRL
 1983-80 Evinrude E235TRX
 1985-84 Evinrude E235TX
 1979-77 Johnson 150 (Older Models)
 1991-88 Johnson 150CX
 1990-84 Johnson 150STL
 1991-80 Johnson 150TL
 1983 Johnson 150TRL
 1983 Johnson 150TRX
 1991-80 Johnson 150TX
 1987 Johnson 155CTL
 1987 Johnson 155CWTX
 1992-85 Johnson 155WTL
 1988 Johnson 155WTLM
 1989 Johnson 155WTLZ
 1992-85 Johnson 155WTX
 1988 Johnson 155WTXM
 1989 Johnson 155WTXZ
 1979-77 Johnson 175 (Older Models)
 1991-90 Johnson 175STL
 1989-80 Johnson 175TL
 1983 Johnson 175TRL
 1983 Johnson 175TRX
 1991-80 Johnson 175TX
 1982 Johnson 175TXL
 1985-84 Johnson 185TL
 1985-84 Johnson 185TX
 1979-77 Johnson 200 (Older Models)
 1987-86 Johnson 200STL
 1982-80 Johnson 200TL
 1983 Johnson 200TRL
 1983 Johnson 200TRX
 1981-80 Johnson 200TX
 1982 Johnson 200TXL
 1979-77 Johnson 225 (Older Models)
 1987 Johnson 225CL
 1987 Johnson 225CX
 1987 Johnson 225PL
 1986 Johnson 225PTL
 1986 Johnson 225PTX
 1987 Johnson 225PX
 1987-86 Johnson 225TL
 1987-86 Johnson 225TX
 1985-84 Johnson 235STL
 1985-80 Johnson 235TL
 1983 Johnson 235TRL
 1983 Johnson 235TRX
 1985-80 Johnson 235TX
 1982 Johnson 235TXL

5710N

UT, 12 Volt, CCW, 10-Tooth Pinion



1993-85 Evinrude E10E
 1993-80 Evinrude E10EL
 1997-94 Evinrude E10F
 1993-90 Evinrude E10REL

YEAR MAKE / MODEL

5710N - continued

1993-80 Evinrude E10SEL
 1993-80 Evinrude E15E
 1993-80 Evinrude E15EL
 1993-90 Evinrude E15R
 1992-85 Johnson 10E
 1993-80 Johnson 10EL
 1992-90 Johnson 10RE
 1992-80 Johnson 10SE
 1992-80 Johnson 15E
 1993-90 Johnson 15RE

5711N

UT, 12 Volt, CCW, 10-Tooth Pinion



2001-99 Evinrude E10E
 2001-99 Evinrude E10EL
 1998-94 Evinrude E10F
 1999-95 Evinrude E10FEX 4-Stroke
 1999-95 Evinrude E10FREL 4-Stroke
 2001-99 Evinrude E10T
 1995 Evinrude E15D
 2001-99 Evinrude E15E
 2001-95 Evinrude E15F
 1995 Evinrude E15K
 2001-99 Evinrude E15R
 1998-95 Johnson 10FEX 4-Stroke
 1998-95 Johnson 10FREL 4-Stroke
 2001-97 Johnson 15FR 4-Stroke

5712N

UT, 12 Volt, CCW, 11-Tooth Pinion



1998-96 Evinrude E20
 1979-66 Evinrude E20 (Older Models)
 1995-85 Evinrude E20E
 1995-85 Evinrude E20EL
 1979-66 Evinrude E25 (Older Models)
 1998-81 Evinrude E25E
 1997-81 Evinrude E25EL
 1998-80 Evinrude E25TE
 1998-80 Evinrude E25TEL
 1976-60 Evinrude E28 (Older Models)
 1996-87 Evinrude E28ESL
 1998-84 Evinrude E30E
 1998-84 Evinrude E30EL
 1998-85 Evinrude E30TE
 1998-85 Evinrude E30TEL
 1976-60 Evinrude E33 (Older Models)
 1984-80 Evinrude E35E
 1984-80 Evinrude E35EL
 1984-83 Evinrude E35TEL
 1976-60 Evinrude E40 (Older Models)
 1988-85 Evinrude E40E
 1988-85 Evinrude E40EL

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5712N - continued

1988-85	Evinrude E40TE
1988-85	Evinrude E40TEL
1968-64	Evinrude E65 (Older Models)
1979-66	Johnson 20 (Older Models)
1998-94	Johnson 20E
1979-66	Johnson 25 (Older Models)
2001-94	Johnson 25E
2005-94	Johnson 25EL
2001-00	Johnson 25ES
2001	Johnson 25EV
2005-04	Johnson 25GT
2001-94	Johnson 25TE
2005-94	Johnson 25TEL
2005-02	Johnson 25TES
1976-60	Johnson 28 (Older Models)
1996-95	Johnson 28ESL
1999-94	Johnson 30E
2005-94	Johnson 30EL
2001-00	Johnson 30ES
2001	Johnson 30EV
1998-94	Johnson 30TE
1998-94	Johnson 30TEL
1984-80	Johnson 35E
1984-80	Johnson 35EL
1984-83	Johnson 35TEL
1976-70	Johnson 40 (Older Models)
1988-85	Johnson 40E
1988-85	Johnson 40EL
1988-85	Johnson 40R
1988-85	Johnson 40TE
1988-85	Johnson 40TEL
1988	Johnson 40TL
1968-64	Johnson 65 (Older Models)
1956-55	Sea Bee 12 HP
1956-55	Sea Bee 25 HP
1956-55	Sea King 15 HP
1963-55	Sea King 25 HP
1963-62	Sea King 40 HP

5713N

UT, 12 Volt, CCW, 9-Tooth Pinion



1998-89	Evinrude E40E
1998-89	Evinrude E40EL
1998-89	Evinrude E40TE
1998-89	Evinrude E40TEL
1998-89	Evinrude E40TL
1998-89	Evinrude E40TTL
1996-87	Evinrude E48ESL
1994-89	Evinrude E50BE
1995-89	Evinrude E50BEL
1997-89	Evinrude E50TEL
1997-89	Evinrude E50TL
1995-89	Johnson 40E
1998-89	Johnson 40EL
2005-99	Johnson 40PL
2001-89	Johnson 40R
1998-89	Johnson 40TE
1998-89	Johnson 40TEL
1998-89	Johnson 40TL
2001-99	Johnson 40TPL

YEAR MAKE / MODEL

5713N - continued

1998-89	Johnson 40TTL
1996-87	Johnson 48ESL
2001-99	Johnson 50EL
1998-97	Johnson 50ESL
1997-91	Johnson 50J Jet
2005-99	Johnson 50PL
1995-89	Johnson 50TEL
1998-89	Johnson 50TLE
1998-97	Johnson 50TSL

5714N

UT, 12 Volt, CCW, 9-Tooth Pinion



1995-85	Evinrude E20E
1995-85	Evinrude E20EL
1997-81	Evinrude E25E
1997-81	Evinrude E25EL
1998-80	Evinrude E25TE
1998-80	Evinrude E25TEL
1996-87	Evinrude E28ESL
1998-84	Evinrude E30E
1998-84	Evinrude E30EL
1998-85	Evinrude E30TE
1998-85	Evinrude E30TEL
1984-80	Evinrude E35E
1984-80	Evinrude E35EL
1984-83	Evinrude E35TEL
1993-85	Johnson 20E
1993-81	Johnson 25E
1993-81	Johnson 25EL
1993-81	Johnson 25TE
1993-81	Johnson 25TEL
1994-87	Johnson 28ESL
1993-84	Johnson 30E
1993-84	Johnson 30EL
1993-84	Johnson 30TE
1993-85	Johnson 30TEL
1984-80	Johnson 35E
1984-80	Johnson 35EL
1984-83	Johnson 35TEL

5715N

UT, 12 Volt, CCW, 10-Tooth Pinion



1998	Evinrude E25KL (3cyl)
1998	Evinrude E25QL (3cyl)
1998	Evinrude E25TKL (3cyl)
2001-96	Evinrude E35KL (3cyl)
1998-96	Evinrude E35QL (3cyl)
2001-98	Evinrude E35TKL (3cyl)
1999	Johnson 35E3
1998-96	Johnson 25KL
2001-99	Johnson 25PL3
1998-96	Johnson 25QL

BUYERS GUIDE

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5715N - *continued*

2001-99 Johnson 25R3
 1998 Johnson 25RL3
 1997-96 Johnson 25RM
 2001 Johnson 25RV3
 2001 Johnson 25RVL3
 2001-99 Johnson 25TEL3
 1998-96 Johnson 25TK
 2001 Johnson 25TVL3
 2001 Johnson 25VL3
 1999 Johnson 35EL3
 1998-96 Johnson 35KL
 2001-99 Johnson 35PL3
 1998-96 Johnson 35QL
 2001-99 Johnson 35R3
 2001-99 Johnson 35RL3
 2001 Johnson 35RV3
 2001 Johnson 35RVL3
 2001-99 Johnson 35TEL3
 1998-96 Johnson 35TKL
 2001 Johnson 35TVL3
 2001 Johnson 35VL3

5716N

UT, 12 Volt, CCW, 9-Tooth Pinion



1976-60 Evinrude E40 (Older Models)
 1988-85 Evinrude E40E
 1988-85 Evinrude E40EL
 1988-85 Evinrude E40TE
 1988-85 Evinrude E40TEL
 1979-71 Evinrude E50 (Older Models)
 1988-81 Evinrude E50BE
 1988-81 Evinrude E50BEL
 1997-91 Evinrude E50J Jet
 1988-83 Evinrude E50TEL
 1988-84 Evinrude E50TL
 1976-71 Evinrude E60 (Older Models)
 1982-80 Evinrude E60E (2cyl)
 1985-80 Evinrude E60EL (2cyl)
 1985-84 Evinrude E60TL (2cyl)
 1979-71 Evinrude E70 (Older Models)
 1979-71 Evinrude E75 (Older Models)
 1976-70 Johnson 40 (Older Models)
 1988-85 Johnson 40E
 1988-85 Johnson 40EL
 1988-85 Johnson 40R
 1988-85 Johnson 40TE
 1988-85 Johnson 40TEL
 1988 Johnson 40TL
 1979-71 Johnson 50 (Older Models)
 1980 Johnson 50E
 1980 Johnson 50EL
 1988-83 Johnson 50TEL
 1988-84 Johnson 50TLE
 1976-71 Johnson 60 (Older Models)
 1982-80 Johnson 60E (2cyl)
 1985-80 Johnson 60EL (2cyl)
 1985-84 Johnson 60TL (2cyl)
 1979-71 Johnson 70 (Older Models)
 1979-71 Johnson 75 (Older Models)

YEAR MAKE / MODEL

5718N

UT, 12 Volt, CCW, 9-Tooth Pinion



1998-95 Evinrude E50DTL (3cyl)
 1998-95 Evinrude E50EL (3cyl)
 1998-95 Evinrude E50TTL (3cyl)
 1970-69 Evinrude E60 (Older Models)
 1998-86 Evinrude E60EL
 1998-86 Evinrude E60TL
 1998-89 Evinrude E60TTL
 1979-69 Evinrude E65 (Older Models)
 1986-85 Evinrude E65RWL
 1986-85 Evinrude E65TEL
 1989-86 Evinrude E65WML
 1970-69 Evinrude E70 (Older Models)
 1997-80 Evinrude E70EL
 1997-84 Evinrude E70TL
 1995-91 Evinrude E70TTL
 1970-69 Evinrude E75 (Older Models)
 1988-84 Evinrude E75E
 1983-80 Evinrude E75ER
 1980 Evinrude E75ERL
 1984 Evinrude E75TL
 1983-81 Evinrude E75TRL
 2001-99 Johnson 40JPL Jet (3cyl)
 1998-95 Johnson 50D (3cyl)
 1997-95 Johnson 50EL (3cyl)
 1998-95 Johnson 50TT (3cyl)
 1970-69 Johnson 60 (Older Models)
 1997-86 Johnson 60EL
 2001-99 Johnson 60PL
 1998-89 Johnson 60TL
 1998-89 Johnson 60TTL
 1979-69 Johnson 65 (Older Models)
 1987 Johnson 65CWML
 1986-85 Johnson 65RWL
 1986-85 Johnson 65TEL
 2001-89 Johnson 65W
 1970-69 Johnson 70 (Older Models)
 1995-80 Johnson 70EL
 2001-99 Johnson 70PL
 1998-84 Johnson 70TL
 1995-91 Johnson 70TTL
 2001 Johnson 70VL
 1970-69 Johnson 75 (Older Models)
 1988-80 Johnson 75E
 1983 Johnson 75ER
 1980 Johnson 75ERL
 1984-80 Johnson 75TL
 1983 Johnson 75TRL



5719N

UT, 12 Volt, CCW, 10-Tooth Pinion



1979-69 Evinrude E100 (Older Models)

BUYERS GUIDE - OUTBOARD STARTERS

YEAR	MAKE / MODEL	YEAR	MAKE / MODEL
5719N - continued		5719N - continued	
1980	Evinrude E100ML	1994-81	Johnson 90TL
1990-89	Evinrude E100STL	1994-81	Johnson 90TX
1993-91	Evinrude E100STL XP	1982	Johnson 90TXL
1980	Evinrude E100TL	5720N	
1980	Evinrude E100TX	UT, 12 Volt, CW, PMDD	
1986-85	Evinrude E100WML		
1997-92	Evinrude E100WTL Commercial	1999-98	Evinrude E100WQL Commercial
1991-85	Evinrude E100WTL Super	1999-98	Evinrude E100WQX Commercial
1997-92	Evinrude E100WTL Super	2001-99	Evinrude E105W
1991-86	Evinrude E100WTX Commercial	1998-95	Evinrude E115EL
1991-86	Evinrude E100WTX Super	1998-95	Evinrude E115GL
1989-86	Evinrude E110ML	1998	Evinrude E115JTL
1989-86	Evinrude E110TL	1998-95	Evinrude E115SL
1989-87	Evinrude E110TX	1998-95	Evinrude E115SX
1979-73	Evinrude E115 (Older Models)	1998-95	Evinrude E90EL
1994-80	Evinrude E115ML	2001-99	Evinrude E90PL FICHT V4
1995-80	Evinrude E115TL	1998-95	Evinrude E90SL
1995-80	Evinrude E115TX	2001-99	Johnson 100WP
1977-73	Evinrude E125 (Older Models)	1998	Johnson 100WQ
1977-73	Evinrude E135 (Older Models)	1998-95	Johnson 115EL
1979-73	Evinrude E140 (Older Models)	2006-95	Johnson 115GL
1980	Evinrude E140ML	2001-98	Johnson 115J Jet
1984	Evinrude E140TL	2006-99	Johnson 115PL
1983-80	Evinrude E140TRL	2006-99	Johnson 115PX
1983-80	Evinrude E140TRX	1998-95	Johnson 115SL
1984	Evinrude E140TX	2000-99	Johnson 115SP
1979-64	Evinrude E85 (Older Models)	1998-95	Johnson 115SX
1980	Evinrude E85ML	2002-00	Johnson 115VL
1980	Evinrude E85TL	2002-00	Johnson 115VX
1980	Evinrude E85TX	2005-04	Johnson 115WP
1977-70	Evinrude E90 (Older Models)	1998-95	Johnson 90EL
1986-81	Evinrude E90ML	1995	Johnson 90EX
1995-81	Evinrude E90TL	2006-03	Johnson 90GL
1986-81	Evinrude E90TX	2006-99	Johnson 90PL
1979-69	Johnson 100 (Older Models)	2006-04	Johnson 90PX
1987	Johnson 100CTL	1998-95	Johnson 90SL
1987	Johnson 100CWTX	2006-02	Johnson 90VL
1980	Johnson 100ML	5721N	
1994-89	Johnson 100STL	UT, 12 Volt, CCW, 10-Tooth Pinion	
1980	Johnson 100TRL		
1980	Johnson 100TRX	1994-85	Evinrude E120TL
1986-85	Johnson 100WML	1994-85	Evinrude E120TX
1994-85	Johnson 100WT	1995-89	Evinrude E125ES
1989-86	Johnson 110ML	1995	Evinrude E130CX
1989-86	Johnson 110TL	1998-95	Evinrude E130TL
1989-87	Johnson 110TX	1998-95	Evinrude E130TX
1979-73	Johnson 115 (Older Models)	1994-88	Evinrude E140CX
1993-91	Johnson 115J Jet	1994-85	Evinrude E140TL
1994-80	Johnson 115ML	1994-85	Evinrude E140TX
1994-80	Johnson 115TL	1994-85	Johnson 120TL
1994-80	Johnson 115TX	1994-85	Johnson 120TX
1977-73	Johnson 125 (Older Models)	1996-95	Johnson 130CX
1977-73	Johnson 135 (Older Models)		
1979-73	Johnson 140 (Older Models)		
1980	Johnson 140ML		
1984-80	Johnson 140TL		
1983	Johnson 140TRL		
1983	Johnson 140TRX		
1984-80	Johnson 140TX		
1982	Johnson 140TXL		
1979-64	Johnson 85 (Older Models)		
1980	Johnson 85ML		
1980	Johnson 85TL		
1994-91	Johnson 85TTL		
1994-87	Johnson 88MSL		
1994	Johnson 88TSL		
1977-70	Johnson 90 (Older Models)		
1994-91	Johnson 90J		
1986-81	Johnson 90ML		

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5721N - continued

2000-99 Johnson 130PL
 2000-99 Johnson 130PX
 1998-95 Johnson 130TL
 1998-95 Johnson 130TX
 2000 Johnson 130VX
 2001 Johnson 135PL
 2001 Johnson 135VL
 2001 Johnson 135VX
 1994-88 Johnson 140CX
 1994-85 Johnson 140TL
 1994-85 Johnson 140TX

5722N

UT, 12 Volt, CCW, 10-Tooth Pinion



1993-91 Evinrude E100STL XP
 1997-92 Evinrude E100WTL Commercial
 1991-85 Evinrude E100WTL Super
 1997-92 Evinrude E100WTL Commercial
 1991-86 Evinrude E100WTL Super
 1996-94 Evinrude E112TSL
 1996-94 Evinrude E112TSX
 1993-91 Evinrude E115J
 1995-94 Evinrude E115JKL
 1997-94 Evinrude E115JL
 1994-90 Evinrude E115ML
 1995-90 Evinrude E115TL
 1998-97 Evinrude E115TSL
 1998-97 Evinrude E115TSX
 1995-90 Evinrude E115TX
 1995-91 Evinrude E85TTL
 1996-87 Evinrude E88MSL
 1996-94 Evinrude E88TSL
 1995-81 Evinrude E90TL
 1998-96 Evinrude E90TSL
 1995-94 Johnson 100STL
 1997-94 Johnson 100WT
 1996-94 Johnson 112TSL
 1996-94 Johnson 112TSX
 1997-94 Johnson 115J Jet
 1995-94 Johnson 115ML
 1996-94 Johnson 115TL
 1998-97 Johnson 115TSL
 1998-97 Johnson 115TSX
 1996-94 Johnson 115TX
 1995-94 Johnson 85TTL
 1996-94 Johnson 88MSL
 1996-94 Johnson 88TSL
 1995-94 Johnson 90J
 1996-95 Johnson 90ML
 1996-94 Johnson 90TL
 1998-97 Johnson 90TSL
 1994 Johnson 90TX

YEAR MAKE / MODEL

5723N

UT, 12 Volt, CCW, 10-Tooth Pinion



1998-88 Evinrude E200CX
 1995-93 Evinrude E200CZ
 2001-99 Evinrude E200F FICHT V6
 1990-88 Evinrude E200SCL
 1998-88 Evinrude E200STL
 1998-89 Evinrude E200TL
 1998-88 Evinrude E200TX
 1995-93 Evinrude E200TZ
 2001-99 Evinrude E200W FICHT V6
 1990-88 Evinrude E225CL
 1999-88 Evinrude E225CX
 1999-88 Evinrude E225CZ
 2001-99 Evinrude E225F FICHT V6
 1994-88 Evinrude E225PL
 1994-88 Evinrude E225PX
 1994-93 Evinrude E225PZ
 1998-94 Evinrude E225STL
 1993-88 Evinrude E225TL
 1998-88 Evinrude E225TX
 1998-93 Evinrude E225TZ
 1998-91 Evinrude E250CX
 1995-93 Evinrude E250CZ
 2001-00 Evinrude E250F
 1998-91 Evinrude E250TX
 1995-93 Evinrude E250TZ
 1988-87 Evinrude E275CL
 1988-87 Evinrude E275CX
 1988-87 Evinrude E275PL
 1986 Evinrude E275PTL
 1986 Evinrude E275PTX
 1988-87 Evinrude E275PX
 1985 Evinrude E275TL
 1985 Evinrude E275TX
 1990-88 Evinrude E300CL
 1987 Evinrude E300CL
 1995-88 Evinrude E300CX
 1987 Evinrude E300CX
 1995-87 Evinrude E300PL
 1986 Evinrude E300PTL
 1995-88 Evinrude E300PX
 1987 Evinrude E300PX
 1985 Evinrude E300TL
 1994-89 Johnson 185E
 2001-88 Johnson 200CX
 1995-93 Johnson 200CZ
 2001-99 Johnson 200PL
 2000-99 Johnson 200PX
 1990-88 Johnson 200SCL
 1996 Johnson 200SL
 1998-88 Johnson 200STL
 1998 Johnson 200TL
 1998-88 Johnson 200TX
 1995-93 Johnson 200TZ
 2001-00 Johnson 200VCX
 2001 Johnson 200VL
 2001-00 Johnson 200VX
 2001-99 Johnson 200WPX
 1990-88 Johnson 225CL
 2000-88 Johnson 225CX

BUYERS GUIDE - OUTBOARD STARTERS

YEAR	MAKE / MODEL
5723N - continued	
1998-93	Johnson 225CZ
2001-00	Johnson 225HGL
2001-99	Johnson 225HPL
2001-88	Johnson 225PL
2000-88	Johnson 225PX
1995-93	Johnson 225PZ
1998-93	Johnson 225STL
1994-88	Johnson 225TL
1998-88	Johnson 225TX
1998-93	Johnson 225TZ
2001-00	Johnson 225VCX
2001	Johnson 225VL
2001-00	Johnson 225VX
2000-91	Johnson 250CX
2000-92	Johnson 250CZ
2000-99	Johnson 250PX
2000-99	Johnson 250PZ
1997-91	Johnson 250TX
1995-93	Johnson 250TZ
1988-87	Johnson 275CL
1988-87	Johnson 275CX
1988-87	Johnson 275PL
1986	Johnson 275PTL
1986	Johnson 275PTX
1988-87	Johnson 275PX
1985	Johnson 275TL
1985	Johnson 275TX
1990-87	Johnson 300CL
1995-87	Johnson 300CX
1995-87	Johnson 300PL
1986	Johnson 300PTL
1995-87	Johnson 300PX
1985	Johnson 300TL

5724N

UT, 12 Volt, CCW, 10-Tooth Pinion



2001-92	Mariner 15EH
2001-92	Mariner 15EL
2001-92	Mariner 15ELH
1987-84	Mariner 20E
1998-88	Mariner 20EH
1998-84	Mariner 20EL
2001-85	Mariner 25E
2001-92	Mariner 25EH
2001-85	Mariner 25EL
2001-87	Mariner 25ELH
1994-86	Mariner 8HP
1987	Mariner 9.9E
1988	Mariner 9.9EH
1989-87	Mariner 9.9EL
2000-90	Mariner 9.9ELRC
2005-88	Mercury 15EH
2002-88	Mercury 15EL
2002-88	Mercury 15ELH
1984-80	Mercury 18E
1984-80	Mercury 18EL
1988-84	Mercury 20E
1998-97	Mercury 20EH
1998-84	Mercury 20EL
2005-80	Mercury 25E

YEAR MAKE / MODEL

5724N - continued

2005-85	Mercury 25EH
2005-80	Mercury 25EL
2005-85	Mercury 25ELH
1994-86	Mercury 8HP
1990-86	Mercury 9.9E
1989-88	Mercury 9.9EH
1989-86	Mercury 9.9EL
2001-90	Mercury 9.9ELRC

5725N

UT, 12 Volt, CCW, 10-Tooth Pinion



1984-72	Chrysler Various Models
1989	Force 256F
1989	Force 257F
1991-90	Force 353F
1991-90	Force 356F
1996-86	Force 357F
1991-90	Force 358F

5726N

UT, 12 Volt, CCW, 10-Tooth Pinion



2000-95	Mariner 30EHO
2000-95	Mariner 30ELHO
2000-94	Mariner 30ELO
2001-95	Mariner 30ELPTO
2000-94	Mariner 30EO
2001-97	Mariner 40ELHPTO
2001-97	Mariner 40ELO
2001-97	Mariner 40ELPTO
2001-97	Mariner 40EO
2001-97	Mariner 40EO Jet 30
2001-98	Mariner 50ELHPTO
2001-98	Mariner 50ELO
2001-98	Mariner 50ELPTO
2001-99	Mariner 50EO
2000-98	Mariner 60ELHPTO
2000-98	Mariner 60ELO
2001-98	Mariner 60ELPTO
2000-98	Mariner 60ELPTO Big Foot
2001-98	Mariner 60EO
2001-98	Mariner 60EO Jet 45
2002-95	Mercury 30EHO
2002-95	Mercury 30ELHO
2002-94	Mercury 30ELO
2001-95	Mercury 30ELPTO
2002-94	Mercury 30EO
2005-97	Mercury 40ELHPTO
2004-97	Mercury 40ELO
1998	Mercury 40ELPT 4-Stroke
2005-97	Mercury 40ELPTO
2005-97	Mercury 40EO
2004-97	Mercury 40EO Jet 30

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5726N - continued

2005-98 Mercury 50ELHPTO
 2002-98 Mercury 50ELO
 2009-98 Mercury 50ELPTO
 2002-98 Mercury 60ELHPTO
 2002-98 Mercury 60ELO
 2005-98 Mercury 60ELPTO
 2005-98 Mercury 60ELPTO Big Foot
 2002-98 Mercury 60EO
 2005-98 Mercury 60EO Jet 45

5727N

UT, 12 Volt, CCW, 11-Tooth Pinion



1984-64 Chrysler Various Models
 1989-88 Force 504
 1991-84 Force 507
 1991-87 Force 508
 1989-86 Force 357F
 1989-64 U.S. 35 HP
 1989-64 U.S. 45 HP
 1989-64 U.S. 50 HP
 1989-64 U.S. 55 HP

5728N

UT, 12 Volt, CCW, 10-Tooth Pinion



1985-84 Mercury 35E
 1984 Mercury 35EH
 1985-84 Mercury 35EL
 1985-84 Mercury 35ELH
 1987-86 Mercury 35ELO
 1985 Mercury 35ELPT
 1987-86 Mercury 35ELPTO
 1987-86 Mercury 35EO
 1983-80 Mercury 40E
 1983-80 Mercury 40EH
 1983-80 Mercury 40EL
 1983-80 Mercury 40ELH

5729N

UT, 12 Volt, CCW, 13-Tooth Pinion



1992 Force 507
 1992 Force 508
 1992 Force 407F / 408F
 1994-93 Force 40EL
 1994-93 Force 40ELPT

YEAR MAKE / MODEL

5732N

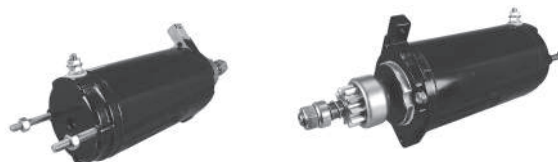
UT, 12 Volt, CCW, 9-Tooth Pinion



1984-65 Chrysler Various Models
 1989-88 Force 853
 1989-88 Force 854
 1989-83 Force 856
 1989-87 Force 858
 1992-90 Force 1201
 1992-90 Force 1208
 1989-83 Force 1251
 1989-86 Force 1253
 1989-86 Force 1254
 1989-83 Force 1258
 1992-90 Force 1501
 1989 Force 1503
 1992-89 Force 1508
 1997-93 Force 120ELPT
 1997-93 Force 120EXLPT
 1992-90 Force 120LD9 L-DRIVE
 1989-86 Force 125LD9 L-DRIVE
 1994-93 Force 150ELPT
 1994-93 Force 150EXLPT
 1992-91 Force 706F
 1992-91 Force 708F
 1995-93 Force 70EL
 1995-93 Force 70ELPT
 1999-97 Force 75EL
 1999-97 Force 75ELPT
 1989 Force 85LD9 L-DRIVE
 1992-90 Force 903F
 1992-90 Force 906F
 1992-90 Force 908F
 1994-93 Force 90EL
 1999-93 Force 90ELPT
 1999-93 Force 90EXLPT
 1991-90 Force 90LD9 L-DRIVE
 1989-66 U.S. 125 HP
 1989-66 U.S. 140 HP
 1989-66 U.S. 150 HP
 1989-66 U.S. 70 HP
 1989-66 U.S. 85 HP

5733N

UT, 12 Volt, CCW, 10-Tooth Pinion



1965 Mercury 100HP
 1967-66 Mercury 110HP
 1969-68 Mercury 125HP
 1971-65 Mercury 65HP
 1972-69 Mercury 80HP
 1975-73 Mercury 85HP
 1965 Mercury 90HP
 1967-66 Mercury 95HP

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5734N

UT, 12 Volt, CCW, 9-Tooth Pinion



1999-98 Force 120ELPT
 1999-98 Force 120EXLPT
 1999-98 Force 75EL
 1999-98 Force 75ELPT
 1999-98 Force 90ELPT
 1999-98 Force 90EXLPT
 1995 Mercury 120 Sport Jet
 1998-96 Mercury 120XR Sport Jet
 2000-99 Mercury 120XR2 Sport Jet
 1995-93 Mercury 90 Sport Jet
 1997-96 Mercury 95XR Sport Jet

5735N

UT, 12 Volt, CCW, 10-Tooth Pinion



1983-78 Mariner 115EL
 1985-78 Mariner 115ELPT
 1988-86 Mariner 115ELPTO
 1985-80 Mariner 115EXLPT
 1988-86 Mariner 115EXLPTO
 1979-78 Mariner 140ELPT
 1985-79 Mariner 150ELPT
 1985-79 Mariner 150EXLPT
 1980-79 Mariner 175ELPT
 1988-85 Mariner 175ELPTO
 1980-79 Mariner 175EXLPT
 1988-85 Mariner 175EXLPTO
 1985-79 Mariner 90EL
 1986 Mariner 90ELO
 1985-79 Mariner 90ELPT
 1986 Mariner 90ELPTO
 1969 Mercury 100HP
 1985-76 Mercury 115EL
 1985-76 Mercury 115ELPT
 1988-86 Mercury 115ELPTO
 1985-78 Mercury 115EXLPT
 1988-86 Mercury 115EXLPTO
 1974-70 Mercury 115HP
 1971-70 Mercury 135HP
 1981-78 Mercury 140EL
 1981-78 Mercury 140ELPT
 1977-74 Mercury 150EL
 1985-76 Mercury 150ELPT
 1985-84 Mercury 150ELPTO XR2
 1985-84 Mercury 150EXLPTO
 1985-78 Mercury 150EXLPT
 1977-73 Mercury 150HP
 1981-76 Mercury 175ELPT
 1988-85 Mercury 175ELPTO
 1981-78 Mercury 175EXLPT
 1988-85 Mercury 175EXLPTO
 1971-70 Mercury 65HP

YEAR MAKE / MODEL

5735N - continued

1972-69 Mercury 80HP
 1985-78 Mercury 90EL
 1986 Mercury 90ELO
 1985-78 Mercury 90ELPT
 1986 Mercury 90ELPTO

5736N

UT, 12 Volt, CCW, 8-Tooth Pinion



2000-88 Mariner 100ELPTO
 1989-88 Mariner 100ELXLPTO
 2000-98 Mariner 100EXLHPTO
 2001-89 Mariner 115ELPTO
 2001-99 Mariner 115ELPTO Coastal
 2001-95 Mariner 115ELPTO Jet 80
 2001-00 Mariner 115ELPTO Saltwater
 2001-89 Mariner 115EXLPTO
 2001-94 Mariner 125ELPTO
 2001-94 Mariner 125EXLPTO
 2000 Mariner 75ELH
 2001-99 Mariner 75ELHPTO
 2000 Mariner 75ELPT
 2001-99 Mariner 75ELPTO
 2001-99 Mariner 90ELHPTO
 2001-99 Mariner 90ELPTO
 2001-99 Mariner 90ELPTO Coastal
 2001-99 Mariner 90ELPTO Jet 65
 2000-88 Mercury 100ELPTO
 1989-88 Mercury 100ELXLPTO
 2000-97 Mercury 100EXLHPTO
 2005-89 Mercury 115ELPTO
 2001-99 Mercury 115ELPTO Coastal
 2005-94 Mercury 115ELPTO Jet 80
 2005-00 Mercury 115ELPTO Saltwater
 1993-89 Mercury 115EXLPTO
 2005-94 Mercury 115EXLPTO Saltwater
 2004-94 Mercury 125ELPTO
 2004-02 Mercury 125ELPTO Saltwater
 2001-94 Mercury 125EXLPTO
 2004-02 Mercury 125EXLPTO Saltwater
 2000 Mercury 75ELH
 2002-99 Mercury 75ELHPTO
 2004-99 Mercury 75ELPTO
 2002-99 Mercury 90ELHPTO
 2009-99 Mercury 90ELPTO
 1999 Mercury 90ELPTO Coastal
 2006-99 Mercury 90ELPTO Jet 65
 2005-00 Mercury 90ELPTO Saltwater
 2005-00 Mercury 90EXLPTO Saltwater

5737N

UT, 12 Volt, CCW, 8-Tooth Pinion



2000 Mariner 200CXL EFI

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5737N - continued

2000	Mariner 200L Magnum EFI
2000	Mariner 200XL EFI
2000-93	Mariner 225CXL
2000-95	Mariner 225CXL EFI
1998-96	Mariner 225CXL Marathon
2000-93	Mariner 225CXXL
2000-95	Mariner 225CXXL EFI
2000-93	Mariner 225L
2000-98	Mariner 225L EFI
1997-95	Mariner 225L Magnum EFI
2000-93	Mariner 225XL
2000-95	Mariner 225XL EFI
1998-96	Mariner 225XL Marathon
2000-93	Mariner 225XXL
2000-95	Mariner 225XXL EFI
1999-95	Mariner 250CXL EFI
2000	Mariner 250CXL Saltwater EFI
1999-95	Mariner 250CXXL EFI
2000	Mariner 250CXXL EFI Saltwater
1999-95	Mariner 250XL EFI
2000	Mariner 250XL EFI Saltwater
1999-95	Mariner 250XXL EFI
2000	Mariner 250XXL EFI Saltwater
1999-94	Mercury 225CXL
2000-95	Mercury 225CXL EFI
1998-96	Mercury 225CXL Seapro
1999-94	Mercury 225CXXL
2000-95	Mercury 225CXXL EFI
1999-94	Mercury 225L
2000-96	Mercury 225L EFI
1999-94	Mercury 225XL
2000-95	Mercury 225XL EFI
1998-96	Mercury 225XL Seapro
1995	Mercury 225XRI
1999-94	Mercury 225XXL
2000-95	Mercury 225XXL EFI
2000-95	Mercury 250CXL EFI
2000-95	Mercury 250CXXL EFI
2000-95	Mercury 250XL EFI
2000-95	Mercury 250XXL EFI
2000-98	Mercury 300CL Promax Racing
2000-98	Mercury 300CXL Promax Racing
2000-98	Mercury 300L Promax Racing
2000-98	Mercury 300XL Promax Racing

5738N

UT, 12 Volt, CCW, 13-Tooth Pinion

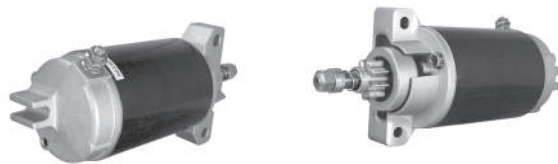


1992	Force 507
1992	Force 508
1999-93	Force 40EL
1999-93	Force 40ELPT
1999-93	Force 50EL
1999-93	Force 50ELPT

YEAR MAKE / MODEL

5758N

UT, 12 Volt, CCW, 9-Tooth Pinion



1998	Mariner 50EL 4-Stroke
2001-99	Mariner 50EL B/F 4-Stroke
2001-95	Mariner 50ELHPT 4-Stroke
2001-95	Mariner 50ELPT 4-Stroke
2001-98	Mariner 50ELPT B/F 4-Stroke
2001	Mariner 50ELPT EFI 4-Stroke
2001	Mariner 60ELHPT 4-Stroke
2001	Mariner 60ELPT 4-Stroke
2001	Mariner 60ELPT B/F 4-Stroke
2001	Mariner 60ELPT EFI 4-Stroke
2001	Mercury 40ELPT B/F 4-Stroke
2009-02	Mercury 40ELPT EFI B/F 4-Stroke
1998	Mercury 50EL 4-Stroke
2000-99	Mercury 50EL B/F 4-Stroke
2001-96	Mercury 50ELHPT 4-Stroke
2009-02	Mercury 50ELHPT EFI 4-Stroke
2001-95	Mercury 50ELPT 4-Stroke
2001-98	Mercury 50ELPT B/F 4-Stroke
2009-02	Mercury 50ELPT B/F EFI 4-Stroke
2009-02	Mercury 50ELPT EFI 4-Stroke
2001	Mercury 60ELHPT 4-Stroke
2009-02	Mercury 60ELHPT EFI 4-Stroke
2001	Mercury 60ELPT 4-Stroke
2001	Mercury 60ELPT B/F 4-Stroke
2009-02	Mercury 60ELPT B/F EFI 4-Stroke
2009-02	Mercury 60ELPT EFI 4-Stroke
2009	Mercury 60EXLPT B/F EFI 4-Stroke

5762N

UT, 12 Volt, CW, PMDD



2005-04	Evinrude E100F
1991	Evinrude E105J
2006-98	Evinrude E115F
2006-00	Evinrude E135F
1998-91	Evinrude E150EL
1998-91	Evinrude E150EX
2006-97	Evinrude E150F FICHT V6
1998-91	Evinrude E150GL
1998-92	Evinrude E150JL
1998	Evinrude E150L INTRUDER FICHT V6
1998-91	Evinrude E150NX
1998-96	Evinrude E150SL
1997-91	Evinrude E150W
1998-91	Evinrude E175EX
2006-98	Evinrude E175F FICHT V6
1998-91	Evinrude E175GL
1998-93	Evinrude E175NX
1998-95	Evinrude E175SL
2003-01	Evinrude E75FP
2001	Evinrude E75FV
2003-98	Evinrude E90F

YEAR MAKE / MODEL

5762N - continued

1998 Johnson 115FS
 1998 Johnson 115FT
 2006-99 Johnson 150CX
 1998-91 Johnson 150EL
 1998-91 Johnson 150EX
 1998 Johnson 150FCX
 1998 Johnson 150FSL
 1998 Johnson 150FXS
 2006-91 Johnson 150GL
 1998-97 Johnson 150IC
 1998-97 Johnson 150IL
 1998-97 Johnson 150IX
 2001-91 Johnson 150J Jet
 2005-03 Johnson 150ML
 2005-03 Johnson 150MX
 1998-91 Johnson 150NX
 2006-99 Johnson 150PL
 2006-99 Johnson 150PX
 1998-95 Johnson 150SL
 2000-99 Johnson 150SP
 1991 Johnson 150STL
 2001-00 Johnson 150VC
 2002-00 Johnson 150VL
 2001-00 Johnson 150VX
 2001-99 Johnson 150WP
 1995-93 Johnson 150WTL
 1995-93 Johnson 150WTX
 2005-99 Johnson 175CX
 1998-91 Johnson 175EX
 1998 Johnson 175FC
 1998 Johnson 175FS
 1998 Johnson 175FT
 2006-91 Johnson 175GL
 2006-03 Johnson 175MX
 1998-91 Johnson 175NX
 2006-99 Johnson 175PL
 2006-99 Johnson 175PX
 1998-94 Johnson 175SL
 2000-99 Johnson 175SP
 2001-00 Johnson 175VC
 2002-00 Johnson 175VL
 2001-00 Johnson 175VX
 1998 Johnson 90FS
 1998 Johnson 90FT

5763N

UT, 12 Volt, CCW, 9-Tooth Pinion



2001-99 Mariner 15E 4-Stroke
 1998 Mariner 15E 4-Stroke
 2001-99 Mariner 15EH 4-Stroke
 2001-98 Mariner 15EL 4-Stroke
 2001-98 Mariner 15EL B/F 4-Stroke
 2001-98 Mariner 15ELH 4-Stroke
 2001-99 Mariner 8HP Bodensee
 2001-99 Mariner 9.9EL 4-Stroke
 2001-99 Mariner 9.9EL B/F 4-Stroke
 2001-99 Mariner 9.9ELH B/F 4-Stroke
 2001-99 Mariner 9.9EXLH Sail 4-Stroke
 2008-98 Mercury 15E 4-Stroke
 2008-99 Mercury 15EH 4-Stroke

YEAR MAKE / MODEL

5763N - continued

2008-98 Mercury 15EL 4-Stroke
 2008-98 Mercury 15EL B/F 4-Stroke
 2008-98 Mercury 15ELH 4-Stroke
 2004-99 Mercury 8HP Bodensee
 2008-05 Mercury 9.9EH 4-Stroke
 2008-99 Mercury 9.9EL 4-Stroke
 2008-99 Mercury 9.9EL B/F 4-Stroke
 2008-05 Mercury 9.9ELH 4-Stroke
 2008-99 Mercury 9.9ELH B/F 4-Stroke
 2008-05 Mercury 9.9ELHPT B/F 4-Stroke
 2008-05 Mercury 9.9ELPT B/F 4-Stroke
 2008-99 Mercury 9.9EXLH B/F Sail 4-Stroke
 2008-07 Mercury 9.9EXLHPT B/F 4-Stroke
 2009-05 Mercury 9.9EXLPT B/F 4-Stroke

5764N

UT, 12 Volt, CCW, 9-Tooth Pinion



2001-99 Mariner 30E 4-Stroke
 2001-99 Mariner 30EL 4-Stroke
 2001-99 Mariner 30ELH 4-Stroke
 2001-99 Mariner 30ELPT 4-Stroke
 2001-99 Mariner 40E 4-Stroke
 2001-99 Mariner 40EL 4-Stroke
 2001-00 Mariner 40ELH 4-Stroke
 2001-99 Mariner 40ELHPT 4-Stroke
 2001-99 Mariner 40ELPT 4-Stroke
 2001-99 Mariner 40ELPT B/F 4-Stroke
 2001-99 Mercury 30E 4-Stroke
 2005-02 Mercury 30E EFI 4-Stroke
 2001-99 Mercury 30EL 4-Stroke
 2009-02 Mercury 30EL EFI 4-Stroke
 2001-99 Mercury 30ELH 4-Stroke
 2009-02 Mercury 30ELH EFI 4-Stroke
 2009-06 Mercury 30ELHPT EFI 4-Stroke
 2001-99 Mercury 30ELPT 4-Stroke
 2009-02 Mercury 30ELPT EFI 4-Stroke
 2001-99 Mercury 40E 4-Stroke
 2009-02 Mercury 40E EFI 4-Stroke
 2001-99 Mercury 40EL 4-Stroke
 2009-02 Mercury 40EL EFI 4-Stroke
 2001-00 Mercury 40ELH 4-Stroke
 2009-02 Mercury 40ELH EFI 4-Stroke
 2001-99 Mercury 40ELHPT 4-Stroke
 2009-02 Mercury 40ELHPT EFI 4-Stroke
 2001-99 Mercury 40ELPT 4-Stroke
 2000-99 Mercury 40ELPT B/F 4-Stroke
 2009-02 Mercury 40ELPT EFI 4-Stroke

5769N

UT, 12 Volt, CCW, 9-Tooth Pinion



2001-98 Mariner 25E B/F 4-Stroke
 2001-98 Mariner 25EH B/F 4-Stroke

BUYERS GUIDE

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

5769N - continued

2001-98 Mariner 25EL B/F 4-Stroke
 2001-98 Mariner 25ELH B/F 4-Stroke
 2001-98 Mariner 25ELPT B/F 4-Stroke
 2005-98 Mercury 25E B/F 4-Stroke
 2004-98 Mercury 25EH B/F 4-Stroke
 2005-98 Mercury 25EL B/F 4-Stroke
 2005-98 Mercury 25ELH B/F 4-Stroke
 2005-98 Mercury 25ELPT B/F 4-Stroke
 2000 Yamaha F25EH
 2008-98 Yamaha F25ELH
 2008-98 Yamaha F25ELR
 2008-98 Yamaha F25ESH
 2008-01 Yamaha F25ESR
 2000 Yamaha F25MH
 2008-99 Yamaha F25MLH
 2008-99 Yamaha F25MSH
 2008-98 Yamaha F25TLR
 2008-01 Yamaha F30TLR
 2008 Yamaha F40BEJR
 2008 Yamaha F40BMJH
 2008 Yamaha F40BMLH
 2008 Yamaha F40BTLR
 2007-03 Yamaha F40EJR
 2004-00 Yamaha F40ESR
 2000 Yamaha F40MH
 2007-01 Yamaha F40MJH
 2007-01 Yamaha F40MLH
 2007-01 Yamaha F40MSH
 2007-00 Yamaha F40TLR
 2006-01 Yamaha T25TLR

5772N

UT, 12 Volt, CCW, 9-Tooth Pinion



1999-98 Mariner 135CXL DFI / Optimax
 1999-98 Mariner 135L DFI / Optimax
 1999-98 Mariner 135XL DFI / Optimax
 1999-98 Mariner 150CXL DFI / Optimax
 1999-98 Mariner 150L DFI / Optimax
 1999-98 Mariner 150XL DFI / Optimax
 1999-97 Mariner 200CXL DFI / Optimax
 1999-98 Mariner 200CXXL DFI / Optimax
 1999-97 Mariner 200L DFI / Optimax
 1999-97 Mariner 200XL DFI / Optimax
 1999-98 Mariner 200XXL DFI / Optimax
 1999-98 Mariner 225CXL DFI / Optimax
 1999-98 Mariner 225CXXL DFI / Optimax
 1999-98 Mariner 225L DFI / Optimax
 1999-98 Mariner 225XL DFI / Optimax
 1999-98 Mariner 225XXL DFI / Optimax
 1999-98 Mercury 135CXL Optimax
 1999-98 Mercury 135L Optimax
 1999-98 Mercury 135XL Optimax
 1999-98 Mercury 150CXL Optimax
 1999-98 Mercury 150L Optimax
 1999-98 Mercury 150XL Optimax
 1999-98 Mercury 200CXL Optimax
 1999-98 Mercury 200CXXL Optimax
 1999-98 Mercury 200L Optimax
 1999-98 Mercury 200XL Optimax
 1999-98 Mercury 200XXL Optimax

YEAR MAKE / MODEL

5772N - continued

1999-98 Mercury 225CXL Optimax
 1999-98 Mercury 225CXXL Optimax
 1999-98 Mercury 225L Optimax
 1999-98 Mercury 225XL Optimax
 1999-98 Mercury 225XXL Optimax

5773N

UT, 12 Volt, CCW, 8-Tooth Pinion



2001-97 Mercury 175XR2 Sport Jet
 2001-00 Mercury 210 M2 Jet Drive
 2001 Mercury 240 EFI Jet Drive
 2001-00 Mercury 240 M2 Jet Drive

5779N

UT, 12 Volt, CCW, 10-Tooth Pinion



1998-94 Evinrude E10E
 1998-94 Evinrude E10EL
 1998 Evinrude E10F
 1998-94 Evinrude E10REL
 1999-94 Evinrude E10SEL
 2001-94 Evinrude E15B
 1998-94 Evinrude E15E
 2001-94 Evinrude E15EL
 2001-00 Evinrude E15EVL
 1998-94 Evinrude E15R
 2001-93 Johnson 10E
 1998-94 Johnson 10EL
 2001-93 Johnson 10RE
 2001-93 Johnson 10SE
 2001-99 Johnson 10TE
 2001-99 Johnson 10TEL
 2001-93 Johnson 15E
 1997-94 Johnson 15RE
 2001-99 Johnson 15TE
 2001-99 Johnson 15TEL



5903N

UT, 12 Volt, CW, 10-Tooth Pinion



All Mercury 2.0L Racing

BUYERS GUIDE - OUTBOARD STARTERS

YEAR	MAKE / MODEL	YEAR	MAKE / MODEL
5909N		6794N - continued	
UT, 12 Volt, CCW, 9-Tooth Pinion			
			
2009-04	Evinrude E40D	2009-06	Mercury 150XL EFI
2009-04	Evinrude E50D	2009-00	Mercury 150XL Optimax
2009-08	Evinrude E55M	2009-06	Mercury 150XL Verado 4-Stroke
2009-05	Evinrude E60D	2009-03	Mercury 175CXL Optimax
2009-08	Evinrude E65W	2009-01	Mercury 175L Optimax
2009-04	Evinrude E75DP	2009-08	Mercury 175L Pro XS Optimax
2009-08	Evinrude E75DS	2009-06	Mercury 175L Verado 4-Stroke
2009-04	Evinrude E90D	2009-02	Mercury 175XL Optimax
6794N		2009-08	Mercury 175XL Pro XS Optimax
DR, 12 Volt, CCW, 14-Tooth Pinion		2009-06	Mercury 175XL Verado 4-Stroke
		All	Mercury 2.5L Racing
2001	Mariner 115L Optimax	2002-01	Mercury 200 Optimax Jet Drive
2001	Mariner 115L Optimax Saltwater	2009-05	Mercury 200CXL DTS Optimax
2001	Mariner 115XL Optimax Saltwater	2009-01	Mercury 200CXL Optimax
2001	Mariner 135CXL DFI / Optimax	2009-05	Mercury 200CXL Verado 4-Stroke
2001	Mariner 135L DFI / Optimax	2002-01	Mercury 200CXXL Optimax
2001	Mariner 135XL DFI / Optimax	2009-05	Mercury 200L DTS Optimax
2001	Mariner 150CXL DFI / Optimax	2009-01	Mercury 200L Optimax
2001	Mariner 150L DFI / Optimax	2009-05	Mercury 200L Verado 4-Stroke
2001	Mariner 150XL DFI / Optimax	2009-05	Mercury 200XL DTS Optimax
2001	Mariner 175CXL DFI	2009-01	Mercury 200XL Optimax
2001	Mariner 175L DIG Saltwater DFI	2009-05	Mercury 200XL Verado 4-Stroke
2001	Mariner 175XL DIG DFI	2005	Mercury 200XS CS Optimax Racing
2001	Mariner 200CXL DFI / Optimax	2006	Mercury 200XS Optimax Racing
2001	Mariner 200CXL Saltwater DFI	2005-00	Mercury 200XS SS Optimax Racing
2001	Mariner 200CXXL DFI / Optimax	2005-00	Mercury 200XSL Optimax Racing
2001	Mariner 200CXXL Saltwater DFI	2002-01	Mercury 200XXL Optimax
2001	Mariner 200L DFI / Optimax	2009-05	Mercury 225 Pro XS Optimax
2001	Mariner 200XL DFI / Optimax	2009-04	Mercury 225CXL DTS Optimax
2001	Mariner 200XL Saltwater DFI	2004-01	Mercury 225CXL EFI
2001	Mariner 200XXL DFI / Optimax	2009-01	Mercury 225CXL Optimax
2001	Mariner 225CXL DFI / Optimax	2009-05	Mercury 225CXL Verado 4-Stroke
2001	Mariner 225CXXL DFI / Optimax	2009-04	Mercury 225CXXL DTS Optimax
2001	Mariner 225L DFI / Optimax	2004-01	Mercury 225CXXL EFI
2001	Mariner 225XL DFI / Optimax	2009-01	Mercury 225CXXL Optimax
2001	Mariner 225XXL DFI / Optimax	2009-05	Mercury 225CXXL Verado 4-Stroke
2009-04	Mercury 115ELPT Optimax	2009-03	Mercury 225L DTS Optimax
2005-04	Mercury 115ELPT Saltwater Optimax	2004-01	Mercury 225L EFI
2009-04	Mercury 115EXLPT Optimax	2009-01	Mercury 225L Optimax
2005-04	Mercury 115EXLPT Saltwater Optimax	2009-05	Mercury 225L Verado 4-Stroke
2009-01	Mercury 135CXL Optimax	2009-03	Mercury 225XL DTS Optimax
2009-06	Mercury 135CXL Verado 4-Stroke	2004-01	Mercury 225XL EFI
2009-01	Mercury 135L Optimax	2009-01	Mercury 225XL Optimax
2009-06	Mercury 135L Verado 4-Stroke	2009-05	Mercury 225XL Verado 4-Stroke
2009-01	Mercury 135XL Optimax	2009-06	Mercury 225XS Sport Racing
2009-06	Mercury 135XL Verado 4-Stroke	2009-03	Mercury 225XXL DTS Optimax
2009-06	Mercury 150 EFI	2004-01	Mercury 225XXL EFI
2009-00	Mercury 150CXL Optimax	2009-01	Mercury 225XXL Optimax
2009-06	Mercury 150CXL Verado 4-Stroke	2009-05	Mercury 225XXL Verado 4-Stroke
2009-00	Mercury 150L Optimax	2009-07	Mercury 250 Pro XS Optimax
2009-06	Mercury 150L Verado 4-Stroke	2004-01	Mercury 250CXL EFI
		2009-05	Mercury 250CXL Verado 4-Stroke
		2004-01	Mercury 250CXXL EFI
		2009-05	Mercury 250CXXL Verado 4-Stroke
		2009-05	Mercury 250L Verado 4-Stroke
		2004-01	Mercury 250XL EFI
		2009-05	Mercury 250XL Verado 4-Stroke
		2009-05	Mercury 250XS Racing
		2004-01	Mercury 250XXL EFI
		2009-05	Mercury 250XXL Verado 4-Stroke
		2009-05	Mercury 275CXL Verado 4-Stroke
		2009-05	Mercury 275CXXL Verado 4-Stroke
		2009-05	Mercury 275L Verado 4-Stroke
		2009-05	Mercury 275XL Verado 4-Stroke
		2009-05	Mercury 275XXL Verado 4-Stroke
		2009-08	Mercury 300CL Verado 4-Stroke
		2009-08	Mercury 300CXL Verado 4-Stroke
		2009-08	Mercury 300CXXL Verado 4-Stroke

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

6794N - continued

2009-08 Mercury 300L Verado 4-Stroke
 2009-05 Mercury 300X, XS Promax Racing
 2009-08 Mercury 300XL Verado 4-Stroke
 2009-08 Mercury 300XXL Verado 4-Stroke
 2009-05 Mercury 75ELPT Optimax
 2009-06 Mercury 90ELPT Optimax
 2009-06 Mercury 90EXLPT Optimax

18301N

HI, 0.4kW/12 Volt, CCW, 10-Tooth Pinion



2003-92 Nissan NS15
 2003-92 Nissan NS18
 2003-92 Nissan NS8
 2003-98 Nissan NS9.8
 2003-92 Nissan NS9.9
 2006-03 Nissan NSF8
 2006-03 Nissan NSF9.8
 2003-92 Tohatsu M15
 2003-92 Tohatsu M18
 2003-92 Tohatsu M8
 2003-98 Tohatsu M9.8
 2003-92 Tohatsu M9.9
 2006-03 Tohatsu MFS8
 2006-03 Tohatsu MFS9.8
 1990-84 Yamaha 15EL
 1997-91 Yamaha 15ELH
 1990-84 Yamaha 15ES
 1997-91 Yamaha 15ESH
 1990-84 Yamaha 15L
 1997-91 Yamaha 15MLH
 1997-91 Yamaha 15MSH
 1990-84 Yamaha 15S
 1990-84 Yamaha 9.9EL
 1996-91 Yamaha 9.9ELH
 1997-96 Yamaha 9.9ELR
 1990-84 Yamaha 9.9ES
 1997-91 Yamaha 9.9ESH
 1990-84 Yamaha 9.9L
 1997-91 Yamaha 9.9MLH
 1997-91 Yamaha 9.9MSH
 1990-84 Yamaha 9.9S

18307N

HI, 0.9kW/12 Volt, CCW, 9-Tooth Pinion



2001-96 Suzuki DT115STCL EFI
 1996-86 Suzuki DT115TCL
 1997-85 Suzuki DT115TCX
 1997-85 Suzuki DT140TCL
 2001-98 Suzuki DT140TCL EFI
 1996-85 Suzuki DT140TCX
 2001-97 Suzuki DT140TCX EFI
 1996-92 Suzuki PU140

YEAR MAKE / MODEL

18308N

HI, 0.9kW/12 Volt, CW, 8-Tooth Pinion



1990-89 Suzuki DT100SF
 2000-89 Suzuki DT100TCL
 1990-89 Suzuki DT100TCX
 1991-86 Suzuki DT150SS
 1992 Suzuki DT150SSN Super Six
 2003-93 Suzuki DT150STCL EFI
 1994-86 Suzuki DT150TCL
 1994-86 Suzuki DT150TCX
 2003-95 Suzuki DT150TCX EFI
 1994-90 Suzuki DT150TCXG
 2003-95 Suzuki DT150TCXG EFI
 1992-87 Suzuki DT175TCL
 1992-87 Suzuki DT175TCX
 1987 Suzuki DT200AEL
 1987 Suzuki DT200AEX
 1993-86 Suzuki DT200TCL
 2000-94 Suzuki DT200TCL EFI
 1993-86 Suzuki DT200TCX
 2000-94 Suzuki DT200TCX EFI
 1993-90 Suzuki DT200TCXG
 2000-94 Suzuki DT200TCXG EFI
 1992-88 Suzuki DT200VL Exante
 1992-88 Suzuki DT200VX Exante
 1991-90 Suzuki DT200VXG
 1993-90 Suzuki DT225TCL
 2000-94 Suzuki DT225TCL EFI
 1993-90 Suzuki DT225TCX
 2003-94 Suzuki DT225TCX EFI
 1993 Suzuki DT225TCXG
 2000-94 Suzuki DT225TCXG EFI
 1997-89 Suzuki DT90TCL
 1990-89 Suzuki DT90TCX
 1997 Suzuki PU140 EFI Jet
 1990-89 Suzuki PU140 Jet

18310N

HI, 0.6kW/12 Volt, CCW, 11-Tooth Pinion



1984-80 Mariner 25E
 1984-80 Mariner 25EL
 1986-80 Mariner 30E
 1986-80 Mariner 30EL
 1989-87 Mariner 30ELO
 1990-87 Mariner 30EO
 1985-81 Mariner 40E
 1985-81 Mariner 40EL
 1988-86 Mariner 40ELHPTO
 1989-86 Mariner 40ELO
 1988-86 Mariner 40ELPTO
 1989-86 Mariner 40EO
 1990-87 Mercury 30ELO
 1990-87 Mercury 30EO

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

18310N - continued

1985-84 Yamaha 25EL
 1985-84 Yamaha 25ES
 1985-84 Yamaha 25L
 1985-84 Yamaha 25S
 1986-84 Yamaha 30EL
 1986-84 Yamaha 30ES
 1997-93 Yamaha C25ELH
 1997-91 Yamaha C25ELR
 1997-93 Yamaha C25MLH
 1997-93 Yamaha C25MSH
 1997-91 Yamaha C30ELR
 1997-91 Yamaha C40ELR
 1997 Yamaha C40ESH
 1995 Yamaha C40MLH
 1997-92 Yamaha C40MSH
 1997-92 Yamaha C40PLR
 1990 Yamaha CV25EL
 1990 Yamaha CV25EML
 1990 Yamaha CV30EL
 1990 Yamaha CV40EL

18311N

HI, 0.6kW/12 Volt, CCW, 9-Tooth Pinion



2006-02 Yamaha 60TLR
 1990-84 Yamaha 70ETL
 2008-91 Yamaha 70TLR
 1999 Yamaha 70TRX
 2001-96 Yamaha C60TLR
 2001-00 Yamaha C70TLR
 1999-91 Yamaha P60TLH

18313N

HI, 1.0kW/12 Volt, CCW, 9-Tooth Pinion



1980-78 Mariner 40E
 1980-78 Mariner 40EL
 1985-84 Mariner 55E
 1983-78 Mariner 60EL
 1983-80 Suzuki DT50EL
 1982-80 Suzuki DT50ES
 1982-80 Suzuki DT65EL
 1982-80 Suzuki DT65ES
 1995-91 Yamaha C55ELR
 1995-93 Yamaha C55TLR

YEAR MAKE / MODEL

18314N

HI, 1.1kW/12 Volt, CCW, 9-Tooth Pinion



1990-84 Yamaha 115ETL
 1990-87 Yamaha 115ETLJD
 1990-84 Yamaha 115ETX
 1996-91 Yamaha 115TJR
 1996-91 Yamaha 115TLR
 1995-91 Yamaha 115TXR
 1990-88 Yamaha 130ETL
 1990-88 Yamaha 130ETX
 1996-91 Yamaha 130TLR
 1995-91 Yamaha 130TXR
 1990-85 Yamaha 150ETL
 1990-85 Yamaha 150ETX
 1996 Yamaha 150TJR
 1996-91 Yamaha 150TLR
 1995-91 Yamaha 150TXR
 1990-85 Yamaha 175ETL
 1990-85 Yamaha 175ETX
 1996-91 Yamaha 175TLR
 1995-91 Yamaha 175TXR
 1990-84 Yamaha 200ETL
 1990-89 Yamaha 200ETLJD
 1990-84 Yamaha 200ETX
 1995-91 Yamaha 200TJR
 1996-91 Yamaha 200TLR
 1995-91 Yamaha 200TXR
 1996-91 Yamaha C115TLR
 1996-92 Yamaha C115TXR
 1996 Yamaha C150TLR
 1996 Yamaha C150TXR
 1999 Yamaha F40TLR
 2002-01 Yamaha F50TJR
 1998-96 Yamaha F50TLH
 2002-96 Yamaha F50TLR
 1990-89 Yamaha L130ETX
 1996-91 Yamaha L130TXR
 1990-86 Yamaha L150ETX
 1996-91 Yamaha L150TXR
 1990-86 Yamaha L200ETX
 1995 Yamaha L200TLR
 1996-91 Yamaha L200TXR
 1996-93 Yamaha P115TLR
 1996-91 Yamaha P150TLR
 1996-94 Yamaha P175TLR
 1990-86 Yamaha PRO150L
 1996 Yamaha S115TLR
 1996 Yamaha S115TXR
 1996 Yamaha S130TLR
 1999-96 Yamaha S130TXR
 1996 Yamaha S150TLR
 1996 Yamaha S150TSR
 1996 Yamaha S175TXR
 1996 Yamaha S200TXR
 2002-96 Yamaha T50TLR
 1986-85 Yamaha V6 SPECIAL

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

18315N

HI, 1.4kW/12 Volt, CCW, 9-Tooth Pinion



1999-97 Yamaha 115TJR
 2008-97 Yamaha 115TLR
 2000 Yamaha 115TR
 2008-02 Yamaha 115TXR
 2004-97 Yamaha 130TLR
 2000 Yamaha 130TR
 2004-02 Yamaha 130TXR
 1999-97 Yamaha 150TJR
 1998-97 Yamaha 150TLR
 2000 Yamaha 150TR
 2008-01 Yamaha 150TXR
 1998-97 Yamaha 175TLR
 2000 Yamaha 175TR
 1998-97 Yamaha 200TLR
 1997 Yamaha 225TLR
 1999-98 Yamaha B115TLR
 1999-97 Yamaha C115TLR
 2000 Yamaha C115TR
 1999-97 Yamaha C115TXR
 1999-97 Yamaha C150TLR
 1999-97 Yamaha C150TXR
 1999-97 Yamaha D150TLR
 2005-99 Yamaha DX150TLR
 2000 Yamaha L130TR
 1999-97 Yamaha L130TXR
 1999-97 Yamaha L150TXR
 1999-97 Yamaha L200TXR
 2001-99 Yamaha LX150TXR
 2001-99 Yamaha LX200TXR
 1999-97 Yamaha P150TLR
 1999-97 Yamaha P175TLR
 1999-97 Yamaha P200TLR
 1999 Yamaha PX150TLR
 1999-97 Yamaha S115TLR
 1999-97 Yamaha S115TXR
 1999-97 Yamaha S130TLR
 1999-97 Yamaha S150TLR
 1999-97 Yamaha S150TXR
 1999-97 Yamaha S175TXR
 1999-97 Yamaha S200TXR
 1999 Yamaha SX150TLR
 2004-99 Yamaha SX150TXR
 2004-03 Yamaha SX200TLR
 2005-01 Yamaha SX200TXR
 2008-00 Yamaha V150TLR
 2000 Yamaha V175TLR
 2004-00 Yamaha VX150TLR

18316N

HI, 0.9kW/12 Volt, CCW, 9-Tooth Pinion



1997-88 Suzuki DT75TCL

YEAR MAKE / MODEL

18316N - continued

2000-88 Suzuki DT85TCL
 1996-92 Suzuki PU85

18317N

HI, 0.9kW/12 Volt, CW, 9-Tooth Pinion



1997-95 Honda BF35
 2006-95 Honda BF40
 1997-95 Honda BF45
 2006-95 Honda BF50

18319N

HI, 12 Volt, CCW, 9-Tooth Pinion



2003-92 Nissan NS40
 2003-92 Nissan NS50
 2003-96 Nissan NS60
 2003-96 Nissan NS70
 2006-01 Nissan NSD40
 2006-01 Nissan NSD50
 2006-03 Nissan NSD70
 2006-01 Nissan NSD90
 2008-00 Nissan NSF15
 2006-01 Nissan NSF18
 2008 Nissan NSF20
 2005-02 Nissan NSF25
 2005-02 Nissan NSF30
 2008-00 Nissan NSF9.9
 1988-86 Suzuki DT20EL
 1988-86 Suzuki DT20ES
 1988-80 Suzuki DT25EL
 1988-80 Suzuki DT25ES
 1984-83 Suzuki DT30EL
 1984-83 Suzuki DT30ES
 1985 Suzuki DT30L
 1987-86 Suzuki DT30RL
 1987-86 Suzuki DT30RS
 1985 Suzuki DT30S
 1989-87 Suzuki DT35CRL
 1989-87 Suzuki DT35CRS
 1989-87 Suzuki DT35TCL
 1990-89 Suzuki DT40CEL
 1990-89 Suzuki DT40CES
 1998-86 Suzuki DT40CRL
 1998-86 Suzuki DT40CRS
 1985-84 Suzuki DT40ECL
 1985-84 Suzuki DT40ECS
 1983-80 Suzuki DT40EL
 1983-80 Suzuki DT40ES
 1998-87 Suzuki DT40TCL
 1995-92 Suzuki PU40
 1990-89 Suzuki PU55 Jet
 2003-92 Tohatsu M40
 2003-92 Tohatsu M50

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

18319N - continued

2003-96 Tohatsu M60
 2003-96 Tohatsu M70
 2006-01 Tohatsu MD40
 2006-01 Tohatsu MD50
 2006-03 Tohatsu MD70
 2006-01 Tohatsu MD90
 2008-00 Tohatsu MFS15
 2006-01 Tohatsu MFS18
 2008-00 Tohatsu MFS9.9
 2008 Tohatsu MSF20
 2005-02 Tohatsu MSF25
 2005-02 Tohatsu MSF30

18323N

HI, 1.0kW/12 Volt, CCW, 9-Tooth Pinion



2003-92 Nissan NS115
 1996-92 Nissan NS120
 2003-92 Nissan NS140
 1995-92 Nissan NS60
 1995-92 Nissan NS70
 1996-92 Nissan NS90
 2006 Nissan NSD115
 2003-92 Tohatsu M115
 1996-92 Tohatsu M120
 2003-92 Tohatsu M140
 1995-92 Tohatsu M60
 1995-92 Tohatsu M70
 1996-92 Tohatsu M90
 2006 Tohatsu MD115

18344N

HI, 12 Volt, CCW, 9-Tooth Pinion

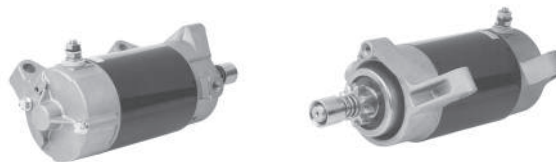


1990-84 Yamaha 90ETL
 1990-87 Yamaha 90ETLJD
 1984 Yamaha 90ETX
 2001-91 Yamaha 90TJR
 2008-91 Yamaha 90TLR
 1999-98 Yamaha B90TLR
 1999-94 Yamaha C75TLR
 1997 Yamaha C80TLR
 1996-91 Yamaha C85TLR
 2001-97 Yamaha C90TLR
 1990 Yamaha CV85EL
 1990 Yamaha CV85ETL
 1999-96 Yamaha P75TLH

YEAR MAKE / MODEL

18345N

HI, 12 Volt, CCW, 9-Tooth Pinion



1986-84 Yamaha 40EL
 1986-84 Yamaha 40ES
 1986-85 Yamaha 40ETL
 1986-84 Yamaha 40L
 1986-84 Yamaha 40S
 1988-86 Yamaha 50EL
 1988-86 Yamaha 50ES
 1988-87 Yamaha 50ESJD
 1986 Yamaha 50ETL
 1987 Yamaha PRO50L

18346N

HI, 12 Volt, CCW, 11-Tooth Pinion



2001 Yamaha 25MHZ
 1999 Yamaha 25MLH
 1999 Yamaha 25MSH
 1999 Yamaha 30EH
 1990-87 Yamaha 30EL
 2001-96 Yamaha 30ELH
 2001-91 Yamaha 30ELR
 1999 Yamaha 30ER
 1990-87 Yamaha 30ES
 1998-91 Yamaha 30ESR
 1990-87 Yamaha 30L
 1999 Yamaha 30MH
 2001-91 Yamaha 30MLH
 2002-91 Yamaha 30MSH
 1990-87 Yamaha 30S
 1999-91 Yamaha 40EJR
 1990-89 Yamaha 40EL
 1998-91 Yamaha 40ELR
 1990-89 Yamaha 40ES
 1999-91 Yamaha 40ESR
 1990-89 Yamaha 40ETL
 1990-89 Yamaha 40L
 2000 Yamaha 40MH
 2001-91 Yamaha 40MJH
 2001-91 Yamaha 40MLH
 1999-91 Yamaha 40MSH
 1994-91 Yamaha 40PLR
 1990-89 Yamaha 40S
 1990-89 Yamaha 40SJD
 1997-96 Yamaha 40TLH
 2008-94 Yamaha 40TLR
 1999-91 Yamaha 50EJR
 1990-89 Yamaha 50EL
 1995-91 Yamaha 50ELR
 2000 Yamaha 50ER
 1990-89 Yamaha 50ES
 1990-89 Yamaha 50ESJD
 1990 Yamaha 50ETML

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

18346N - continued

1994 Yamaha 50TH
 1997-91 Yamaha 50TLH
 2008-97 Yamaha 50TLR
 2002-97 Yamaha C40TLR
 2001-98 Yamaha C50TLR
 2005-01 Yamaha F9.9ELR
 2005-99 Yamaha F9.9MLH
 2005-99 Yamaha F9.9MSH
 1990-85 Yamaha FT9.9EL
 1990 Yamaha FT9.9ERL
 1990-85 Yamaha FT9.9EX
 1990-85 Yamaha FT9.9X
 1998 Yamaha P40EJR
 1998 Yamaha P40TLH
 1996-93 Yamaha P50TLR
 1992-91 Yamaha P50TLR
 1990-88 Yamaha PRO50L
 2005-91 Yamaha T9.9ELH
 2005-91 Yamaha T9.9ELR
 2005-91 Yamaha T9.9EXH
 2001-97 Yamaha T9.9EXR
 1997-96 Yamaha T9.9MLH
 1997-91 Yamaha T9.9MXH

18347N

HI, 1.4kW/12 Volt, CCW, 13-Tooth Pinion



2001-00 Mariner 75ELHPT 4-Stroke
 2001-00 Mariner 75ELPT 4-Stroke
 2001-00 Mariner 90ELHPT 4-Stroke
 2001-00 Mariner 90ELPT 4-Stroke
 2000 Mariner 90ELPT Coastal 4-Stroke
 2001 Mariner 90EXLPT Saltwater 4-Stroke
 2001-00 Mercury 75ELHPT 4-Stroke
 2005-00 Mercury 75ELPT 4-Stroke
 2001-00 Mercury 90ELHPT 4-Stroke
 2005-00 Mercury 90ELPT 4-Stroke
 2005-04 Mercury 90ELPT Saltwater 4-Stroke
 2005-01 Mercury 90EXLPT Saltwater 4-Stroke
 2002-99 Yamaha F100TLR
 2002-99 Yamaha F100TXR
 2004-03 Yamaha F75TLR
 2002-01 Yamaha F80TJR
 2002-99 Yamaha F80TLR
 2004-03 Yamaha F90TJR
 2004-03 Yamaha F90TLR

18348N

HI, 1.4kW/12 Volt, CCW, 13-Tooth Pinion



2000 Yamaha LZ150TR
 2006-01 Yamaha LZ150TXR
 2000 Yamaha LZ200TR
 2008-01 Yamaha LZ200TXR

YEAR MAKE / MODEL

18348N - continued

2008-00 Yamaha VZ150TLR
 2008-01 Yamaha VZ175TLR
 2004-01 Yamaha VZ200TLR
 2004-01 Yamaha Z150TLR
 2000 Yamaha Z150TR
 2006-01 Yamaha Z150TXR
 2006-01 Yamaha Z175TXR
 2006-01 Yamaha Z200TLR
 2000 Yamaha Z200TR
 2008-01 Yamaha Z200TXR

18349N

HI, 1.4kW/12 Volt, CCW, 13-Tooth Pinion



2009-01 Mercury 115ELPT EFI 4-Stroke
 2005-04 Mercury 115ELPT EFI Saltwater 4-Stroke
 2009-06 Mercury 115EXLPT EFI 4-Stroke
 2005-01 Mercury 115EXLPT EFI Saltwater 4-Stroke
 2009-06 Mercury 75ELPT EFI 4-Stroke
 2009-06 Mercury 90ELPT EFI 4-Stroke
 2009-06 Mercury 90ELXPT EFI 4-Stroke
 2008-01 Yamaha F115TJR
 2008-00 Yamaha F115TLR
 2008-00 Yamaha F115TXR
 2008-05 Yamaha F75TLR
 2000 Yamaha LF115TR
 2008-01 Yamaha LF115TXR

18351N

HI, 12 Volt, CCW, 9-Tooth Pinion



1990 Yamaha 225ETL
 1990 Yamaha 225ETX
 1996-91 Yamaha 225TLR
 1995 Yamaha 225TUR
 1995-91 Yamaha 225TXR
 1990 Yamaha 250ETX
 1995-91 Yamaha 250TUR
 1995-91 Yamaha 250TXR
 1996-95 Yamaha L225TUR
 1999-94 Yamaha L225TXR
 1990 Yamaha L250ETX
 1991 Yamaha L250TLR
 1999-92 Yamaha L250TUR
 1999-92 Yamaha L250TXR
 1998-97 Yamaha LF225TUR
 1998-97 Yamaha LF225TXR
 2000 Yamaha LX225
 2002-01 Yamaha LX225TXR
 2000 Yamaha LX250TR
 2002-01 Yamaha LX250TUR
 2002-01 Yamaha LX250TXR
 1996-91 Yamaha P200TLR
 1999-96 Yamaha S225TUR

BUYERS GUIDE - OUTBOARD STARTERS

YEAR MAKE / MODEL

18351N - continued

1999-96 Yamaha S225TXR
 1997-96 Yamaha S250TUR
 1999-96 Yamaha S250TXR
 2000 Yamaha SX225TR
 2002-01 Yamaha SX225TUR
 2002-01 Yamaha SX225TXR
 2000 Yamaha SX250TR
 2002-01 Yamaha SX250TUR
 2002-01 Yamaha SX250TXR
 1999-98 Yamaha V200TLR
 1999-98 Yamaha V225TLR
 1989-87 Yamaha V6 EXCEL L
 1989-87 Yamaha V6 EXCEL X
 2005-00 Yamaha VX200TLR
 2004-00 Yamaha VX225TLR
 2004-02 Yamaha VX250TLR

18442N

HI, 12 Volt, CCW, 13-Tooth Pinion



2008-04 Yamaha F150TLR
 2008-04 Yamaha F150TXR
 2008-06 Yamaha F225TLR
 2008-04 Yamaha LF150TXR
 2008-05 Yamaha LF250TUR
 2008-05 Yamaha LF250TXR

19602N

MI, 1.2kW/12 Volt, CW, 13-Tooth Pinion



2006-97 Honda BF75
 2006-97 Honda BF90

19603N

MI, 1.4kW/12 Volt, CW, 13-Tooth Pinion



2006-99 Honda BF115
 2004-99 Honda BF130

YEAR MAKE / MODEL

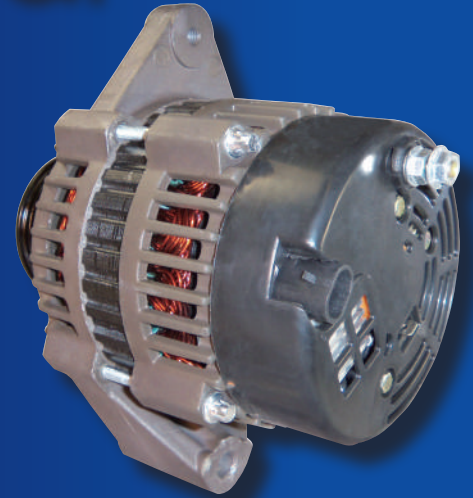
19701N

HI, 12 Volt, CW, 9-Tooth Pinion

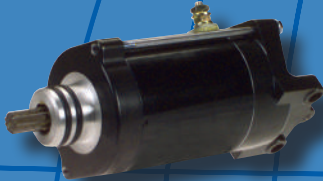
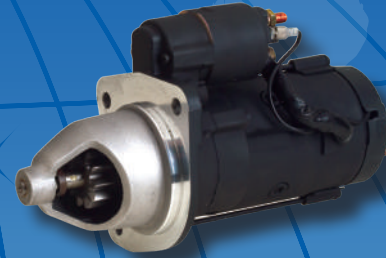


2009 Suzuki DF100T 4-Stroke
 2009-01 Suzuki DF115T 4-Stroke
 2009-02 Suzuki DF140T 4-Stroke
 2008-01 Suzuki DF90TL 4-Stroke

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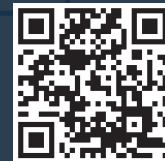
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