



parts bulletin



Revised November 1997 No. 97-1

HYDRAULIC PUMPS & COMPONENTS (EATON) SUPERSESSION INFORMATION

MODELS AFFECTED

MERCURY AND MARINER TRIM & TILT 30 THRU 250

19217A1 & 19217A3 & 19217A5 – JET 30 & 40 (4 CYL) – 1989 THRU 1992

19217A2 – 35 (2 CYL) & 50/60 (3 CYL) – 1989 THRU 1990

19217A4 – JET 45 & 50/55/60 (3 CYL) – 1991 THRU 1992

19300A1 & 19300A2 & 19300A3 & 19300A4 & 19300A7 – 35 & 40 & 50 & 55 & 60 & JET 30 & JET 45
(SERIAL # 0G236678 AND BELOW)

19300A5 & 19300A8 – 40 & 50 & 55 & 60 & JET 30 & JET 45
(SERIAL # 0G236679 AND UP)

99186T OR 99186--1 MOTOR USED ON 99659A2 & 99659A7 & 99659A23 & 99659A24 & 99659A47 &
99659A48 & 821821A2 & 818186A3 & 818186A6 & 818186A8 (DESIGN I) (3 RAM) – 35 THRU 225

811628 MOTOR USED ON 818186A3 & 818186A6 (DESIGN II) (3 RAM) – 105/140 JET & 75 THRU 250

818903A1 – 40 & 60 & 75 & 90 & 100 & 115 & 125 – (SINGLE RAM) (SERIAL # 0D252460 AND BELOW)

822870A1 PUMP/MOTOR USED ON 822870A2 – 40 (4 CYL) & 50 & 60 & JET 45 – 1993 & UP

822870A1 PUMP/MOTOR USED ON 822870A3 – 40 (4 CYL) & JET 30 – 1993 & UP

824051 PUMP/MOTOR – 65 JET & 75 & 90 & 100 & 115 & 125 (SINGLE RAM) – 1994 THRU 1996

FORCE TRIM & TILT 40 THRU 150

819479A1 PUMP/MOTOR USED ON 819177A3 – 40 & 50 (2 CYL) & 70 (3 CYL) – 1991 THRU 1992

819479A1 PUMP/MOTOR USED ON 819177A8 – 40 & 50 (2 CYL) – 1993 THRU 1994

819479A1 PUMP/MOTOR USED ON 819177A8 – 70 & 75 (3 CYL) – 1993 THRU 1996

819480A1 PUMP/MOTOR USED ON 819762A4 – 90 & 120 & 150 – 1991 THRU 1992

819480A1 PUMP/MOTOR USED ON 819762A4 – 85 & 125 & 150 – BACK FIT KITS 1987 THRU 1990

819480A1 PUMP/MOTOR USED ON 819762A7 – 90 & 120 & 150 – 1993 THRU 1994

824051 PUMP/MOTOR – 90 & 120 – 1995 THRU 1996

PARALIFT-MERCURY AND MARINER

818143A4 & 818143A6 & 19217A7 – V6 – 1991 THRU 1997

CHANGE

The Complete Power Trim & Tilt Assemblies manufactured by Eaton Corp. are no longer available or will be soon. This parts bulletin will list the new replacement parts or kits necessary to service these products.

For all repairs, see NEW PART# Column for best possible repair part option, or review parts book for your model and try to order the next highest assembly. In many cases, we have substituted a more complete assembly for lower level components in able to supply a workable solution as the components are no longer available. These new assemblies are more expensive at times; but should reduce the labor needed to fix the unit.

PART NUMBERS ARE LISTED IN CLASS CODE SEQUENCE (PRICE BOOK ORDER) IN THE OLD PART # COLUMN

REF INFO COLUMN

FULLY SUPERSEDED = INVENTORY NO LONGER AVAILABLE AND NEW PART WILL BE SHIPPED.

PENDING SUPERSESSION = INVENTORY STILL AVAILABLE AND NEW PART WILL BE SHIPPED WHEN OLD ARE DELETED.

NLA ORD = INVENTORY NO LONGER AVAILABLE AND YOU MUST ORDER NEXT HIGHER ASSEMBLY OR ORDER SPECIAL KITS DEPENDING ON MODEL.

PENDING NLA ORD = INVENTORY STILL AVAILABLE AND WHEN DELETED YOU MUST ORDER NEXT HIGHER ASSEMBLY OR ORDER SPECIAL KITS DEPENDING ON MODEL.

PENDING NLA = INVENTORY STILL AVAILABLE UNTIL DELETED .

*** = ADDENDUM TO THIS PARTS BULLETIN TO BE ISSUED AS NEW INFORMATION IS AVAILABLE. INVENTORY STILL AVAILABLE.**

DESCRIPTION	OLD PART #	REF INFO	NEW PART #
FRAME/FIELD KIT	12659	NLA ORD	99186--1
END FRAME KIT	12660	NLA ORD	99186--1
ARMATURE KIT	12661	NLA ORD	99186--1
PUMP KIT	12662	NLA ORD	99186--1
SEAL KIT	12663	Fully Superseded	12663--1
THRU BOLT KIT	12664	Pending NLA ORD	99186--1
BRUSH/SPRING KIT	12665	Pending NLA ORD	Order 12659 if used on 99186T or 99186--1 Pump/Motor Order 809901A2 if used on 824051 Pump/Motor
BRUSH CARD KIT	13506	NLA ORD	99186--1
POWER TRIM KIT	19217A1	Fully Superseded	19217A5
POWER TRIM KIT	19217A2	Fully Superseded	854472A2
POWER TRIM KIT	19217A3	Pending Supersession	854472A3
POWER TRIM KIT	19217A4	Pending Supersession	854472A4
POWER TRIM KIT	19217A5	Fully Superseded	19217A3
POWER TRIM	19217A6	Fully Superseded	19217A7
POWER TRIM (Paralift)	19217A7	Fully Superseded	832023A1
POWER TRIM ASSY	19300A1	Fully Superseded	19300A2
POWER TRIM ASSY	19300A2	Fully Superseded	19300A3
POWER TRIM ASSY	19300A3	Pending Supersession	19300A4
POWER TRIM ASSY	19300A4	Fully Superseded	19300A7
POWER TRIM ASSY	19300A5	Fully Superseded	19300A8
POWER TRIM ASSY	19300A7	Fully Superseded	830050A2
POWER TRIM ASSY	19300A8	Fully Superseded	832020A2
PUMP AND MOTOR	99186T	Fully Superseded	99186--1
PUMP AND MOTOR	99186--1	Fully Superseded	826729A4
MEMORY PISTON KIT	810776	Pending NLA ORD	Order complete new power trim system for your application.
CYLINDER KIT	810777	Pending NLA ORD	Order complete new power trim system for your application.
CYLINDER KIT	811224	NLA ORD	Order 19217A7 if Paralift Order 811224--1 All other Trims
CYLINDER KIT	811224--1	Fully Superseded	811224A1
MANIFOLD	811225	Pending NLA ORD	SEE PAGE 8 NOTE: #1
SCREW/SEAL KIT	811226A1	*	*
SCREW/SEAL KIT	811226A2	Fully Superseded	811226A1
PUMP ASSEMBLY	811227	Pending NLA ORD	SEE PAGE 8 NOTE: #1
CYLINDER KIT	811228	Fully Superseded	811228A1
END FRAME KIT	811623	Pending NLA ORD	811628

DESCRIPTION	OLD PART #	REF INFO	NEW PART #
FIELD KIT	811624	Pending NLA ORD	811628
FRAME & FIELD KIT	811624--1	NLA ORD	809901A2
BRUSH CARD KIT	811625	NLA ORD	Order 809901A2 if used on 824051 Pump/Motor Order 811628 if used on 3 Ram Design
SEAL KIT	811626	Pending NLA ORD	811628
SEAL KIT	811626A1	Fully Superseded	811626A3
SEAL KIT	811626A3	Pending NLA ORD	809901A2
ARMATURE KIT	811627	NLA ORD	811628
ARMATURE KIT	811627--1	NLA ORD	809901A2
MOTOR-TRIM	811628	Fully Superseded	828708A1
SHOCK ROD KIT	811666	Pending NLA	
SHOCK ROD ASSY	811666--1	Fully Superseded	811666A1
SHOCK PISTON KIT	811667	Pending NLA ORD	811666A1
REBUILD KIT-CYLINDER	811668A1	NLA ORD	811666A1
CYLINDER	811669	Fully Superseded	811669--1
CYLINDER	811669--1	Fully Superseded	811669A1
PUMP/MANIFOLD ASSY	811670--2	Fully Superseded	811670--5
PUMP/MANIFOLD ASSY	811670--3	Fully Superseded	811670--6
PUMP/MANIFOLD ASSY	811670--4	Fully Superseded	811670--7
PUMP/MANIFOLD ASSY	811670--5	Pending NLA ORD	809901A1
PUMP/MANIFOLD ASSY	811670--6	NLA ORD	809901A1
PUMP/MANIFOLD ASSY	811670--7	NLA ORD	809901A2
SHAFT-Drive	811671	Pending NLA ORD	809901A1
SHAFT-Drive	811671--1	Pending NLA ORD	809901A2
RESERVOIR KIT	811673	Pending NLA ORD	809901A1
RESERVOIR KIT	811673--1	Pending NLA ORD	809901A2
MOTOR/RESERVOIR	811674	NLA ORD	809885A1
ARMATURE	811675	Pending NLA ORD	811674
WASHER	811676	Pending NLA ORD	811675
COVER KIT	811677	NLA ORD	809885A1
SCREW/SEAL KIT	811678A1	Fully Superseded	811678A2
SCREW/SEAL KIT	811678A2	Fully Superseded	811678A4
SCREW/SEAL KIT	811678A4	Pending Supersession	811678A6
SCREW/SEAL KIT	811678A5	Fully Superseded	811678A4
SCREW/PIN KIT	811697	NLA ORD	Order 19217A7 if Paralift Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150

DESCRIPTION	OLD PART #	REF INFO	NEW PART #
MOTOR KIT	811699	Fully Superseded	813447
ARMATURE KIT	811700	Pending NLA ORD	Order 19217A7 if Paralift Order 819479A1 if Engine is Force 40 Thru 75
MANIFOLD ASSY	811701	Pending NLA ORD	19217A7
PUMP KIT	811702	Pending NLA ORD	Order 19217A7 if Paralift Order 819480A1 if Engine is Force 85 Thru 150
SHOCK ROD KIT	813427	NLA ORD	Order 19217A7 if Paralift Order 813427--1 All other Trims
SHOCK ROD KIT	813427--1	Fully Superseded	813427A3
SHOCK ROD KIT	813427--2	Pending Supersession	813427A1
END CAP ASSY	813428	Pending NLA ORD	Order Complete New Power Trim System For Your Application.
SHOCK PISTON ASSY	813429	Pending NLA ORD	Order 19217A7 if Paralift Order 813427A3 All other Trims
SHOCK PISTON ASSY	813429--1	Pending NLA ORD	Order 813427A1 if Manual Trim <u>Without</u> Beaching Option. Order 813427A2 if Manual Trim <u>With</u> Beaching Option.
MEMORY PISTON	813430	Fully Superseded	813430A1
CYLINDER KIT	813431	Fully Superseded	810777
REBUILD KIT	813432A1	NLA ORD	Order 19217A7 if Paralift Order 813432A3 All other Trims
REBUILD KIT	813432A2	NLA ORD	Order 813427A1 if Manual Trim <u>Without</u> Beaching Option. Order 813427A2 if Manual Trim <u>With</u> Beaching Option.
SEAL KIT	813432A3	NLA ORD	Order 813427A3 if Engine is Mercury/Mariner 40 Thru 60 Order 811666A1 if Engine is Force 90 Thru 120 Mercury/Mariner 65Jet/75 Thru 125
SCREW/SEAL KIT	813433A1	Pending Supersession	813433A2
RESERVOIR ASSY	813434A1	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
SHAFT-Drive	813437	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150

DESCRIPTION	OLD PART #	REF INFO	NEW PART #
SCREW/DOWEL KIT	813438	Pending NLA	
PUMP ASSY	813440	Fully Superseded	811227
MANIFOLD ASSY	813441	NLA ORD	SEE PAGE 8 NOTE: #1
RELIEF VALVE KIT	813442A1	Fully Superseded	813442A2
BEZEL KIT	813444	NLA ORD	84-811698
CAP KIT-RESERVOIR	813445	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
MOTOR KIT	813447	NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
END CAP	813448	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
ARMATURE KIT	813449A1	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819480A1 if Engine is Force 85 Thru 150
SHELL/MAGNET KIT	813451	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
END FRAME KIT	813452	NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
ACCUMULATOR	813454A1	Fully Superseded	813454A2
VALVE BLOCK KIT	813455A1	Fully Superseded	813455A2
VALVE BLOCK KIT	813455A2	Fully Superseded	813455A3
VALVE BLOCK KIT	813455A3	Fully Superseded	813455A4

DESCRIPTION	OLD PART #	REF INFO	NEW PART #
VALVE REPAIR KIT	813456A1	Fully Superseded	813456A2
VALVE REPAIR KIT	813456A2	Fully Superseded	813456A3
VALVE REPAIR KIT	813456A3	Fully Superseded	813456A4
VALVE REPAIR KIT	813456A4	*	*
CAM KIT	813457A1	Pending NLA ORD	813455A4
CAM KIT	813457A2	NLA ORD	813455A4
TRIM/PUMP ASSY	818903A1	Fully Superseded	830250A3
TRIM & TILT ASSY	819177A3	*	*
TRIM & TILT ASSY	819177A8	Fully Superseded	832021A5
PUMP ASSY-TRIM/TILT	819479A1	NLA ORD	SEE PAGE 8 NOTE: #3
PUMP ASSY-TRIM/TILT	819479A3	Fully Superseded	819177A3
PUMP ASSY-TRIM/TILT	819480A1	NLA ORD	SEE PAGE 8 NOTE: #2
PUMP ASSY-TRIM/TILT	819480A2	Pending Supersession	853515A1
PUMP ASSY-TRIM/TILT	819480A3	Pending Supersession	853515A1
TRIM & TILT ASSY	819762A4	Fully Superseded	819762A12
TRIM & TILT ASSY	819762A7	Pending Supersession	819762A15
PUMP ASSY	822870A1	Fully Superseded	830150A1
MANIFOLD KIT	823083	Pending NLA ORD	819479A1
PUMP KIT	823084	Pending NLA ORD	819479A1
MANIFOLD KIT	823085	Pending NLA ORD	819480A1
ROCKER ARM KIT	823180	Fully Superseded	823180A1
ROCKER ARM KIT	823180A1	Pending NLA ORD	809901A2
TRIM/PUMP ASSY	824051	Fully Superseded	830250A2
SHOCK ROD KIT	826416A1	Fully Superseded	813427A2
SHOCK SPRING KIT	826417A1	Pending NLA ORD	813427A2
SCREW KIT	10-813436	Pending NLA	
SCREW KIT	10-813446	Pending NLA	
BOLT/NUT KIT	10-813453	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
WASHER-Thrust	12-813450	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
PLUG KIT	22-813435	Pending Supersession	22-813435--1

DESCRIPTION	OLD PART #	REF INFO	NEW PART #
PLUG KIT	22-813458	Pending NLA	
PLUG KIT	22-813458A1	Fully Superseded	22-813458A2
PLUG KIT	22-813458A2	Pending NLA	
PLUG KIT	22-813459	Pending NLA ORD	813455A4
O RING KIT	25-811672A1	Fully Superseded	25-811672A2
O RING KIT	25-811672A2	Fully Superseded	25-811672A3
O RING KIT	25-811672A3	*	*
O RING KIT	25-813439A1	Fully Superseded	25-813439A2
O RING KIT	25-813439A2	*	*
O RING	25-819638	Fully Superseded	25-813439A2
HARNESS ASSY-Wire	84-811698	Pending NLA ORD	Order 19217A7 if Paralift SEE PAGE 8 NOTE: #1 if Engine is Mercury/Mariner 30 Thru 60 Order 819479A1 if Engine is Force 40 Thru 75 Order 819480A1 if Engine is Force 85 Thru 150
HARNESS ASSY-Wire	84-813443	Fully Superseded	84-813443--1
HARNESS ASSY-Wire	84-813443--1	Fully Superseded	84-811698

NOTE: #1

- Identify Serial Number
- **If 0D181999 and Below**
- All Models 30 Thru 60 - Order 854472A1 Trim & Tilt Assembly (Available January 1998)
Alternative Supersession - Identify Model Listed and Order Complete Trim Listed
- 35 (2 Cyl) & 50/60 (3 Cyl) 1989/1990 - Order 19217A2 Complete Trim
- Jet 30 & 40 (4 Cyl) 1989/1992 - Order 19217A3 Complete Trim
- Jet 45 & 50/55/60 (3 Cyl) 1991/1992 - Order 19217A4 Complete Trim
- **If 0D182000 and Up**
- All Models 30 Thru 60 - Order 809901A1 Motor/Reservoir Assembly

NOTE: #2

- Identify Model and or Serial Number
- **FORCE Models 90/150 HP. If 1991H Thru 1992C and Serial # 0E000001 Thru 0E009499**
- Order 853515A1 Pump/Motor Kit
- **FORCE Models 90/150 HP. If Serial # 0E009500 Thru 0E093699**
- Order 832022A1 Pump/Motor Kit

NOTE: #3

- Identify Model and or Serial Number
- **FORCE Models 40/50/70 HP. If 1991 Thru 1992C and Serial # 0E000001 Thru 0E009499**
- Order 819177A3 Complete Trim & Tilt Kit.
- **FORCE Models 40/50/70 HP. If Serial # 0E009500 And Up**
- Order 832021A7 Pump/Motor Kit