

Mercury/Mariner 135 to 250 V-6 Outboards

(Note: All 2001 & newer MY V-6 engines require the use of additional rigging kits as listed below. See “V-6 Rigging Kits” section of the 2002 Accessories Guide for more details.)

V-6 Rigging Kits for Carbureted Engines

	<u>Part Number</u>	<u>Page</u>
Single Engine Kit for 2001 & newer Carb outboards (used with analog engine gauges) - contains fuel line and oil tank without sender	879936A 2	335

V-6 Rigging Kits for EFI Engines

Single Engine Kit for 2001 & newer EFI outboards (used with analog engine gauges) - contains fuel line and oil tank without sender	879936A 2	335
Single Engine Data Kit for 2002 & newer EFI outboards (Optional) Includes System Monitor and accommodates SC100 System Link gauges (Analog trim sender must be replaced with Digital trim sender – p/n 859187A 1) - contains fuel line, oil tank without sender, front mount Monitor & data harness.....	879932A 2	335
Single Engine Data Kit for 2002 & newer EFI outboards (Optional) Used with System Monitor, System View or System Tach/Speed and will accommodate SC100 System Link gauges. (Analog trim sender must be replaced with Digital trim sender – p/n 859187A 1) - contains fuel line, oil tank with sender, oil-fuel-paddle wheel harness & data harness	879934A 2	335
Dual Engine Data Kit for 2002 & newer EFI outboards (Optional) Used with System Monitor, System View or System Tach/Speed and will accommodate SC100 System Link gauges. (Analog trim sender must be replaced with Digital trim sender – p/n 859187A 1) - contains (2) fuel lines, (2) oil tanks with senders, (2) oil-fuel-paddle wheel harnesses, (1) speed/temp sensor, (1) junction box and (2) data harnesses	879935A 3	335

V-6 Rigging Kits for Optimax Engines

Single Engine Data Kit for 2001 & newer Optimax outboards Used with System Monitor, System View or System Tach/Speed and will accommodate SC100 System Link gauges. - contains fuel line, oil tank with sender, oil-fuel-paddle wheel harness & data harness	879934A 2	335
Dual Engine Data Kit for 2001 & newer Optimax outboards Used with System Monitor, System View or System Tach/Speed and will accommodate SC100 System Link gauges. - contains (2) fuel lines, (2) oil tanks with senders, (2) oil-fuel-paddle wheel harnesses, (1) speed/temp sensor, (1) junction box and (2) data harnesses	879935A 3	335

V-6 Warning Gauge and Smart Gauge Applications

(Note: “YES” indicates the adaptability with an engine. Multiple “YES’s” do not mean that they are all required.

MODELS	4-Light Warning	3-Light Warning	2-Light Warning	1-Light Warning	SmartTach & SmartSpeed	SystemTach & SystemSpeed	System Monitor	System View	System Link Gauges
Optimax 1999 & Prior	YES								
Optimax 2000	YES				YES				
Optimax 2001					YES		YES		YES
Optimax 2002 & Newer						YES	YES	YES	YES
2.0L & 2.5L Carb				YES					
2.5L EFI 2001 & Prior				YES					
2.5L EFI 2002 & Newer				YES		YES	YES	YES	YES
3.0L EFI 2001 & Prior		YES							
3.0L EFI 2002 & Newer						YES	YES	YES	YES
3.0L 225 Carb '94-'01			YES						

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V-6 Warning Gauge and Smart Gauge Examples

4 Light Warning Gauge
(p/n 79-859699A 1)



3 Light Warning Gauge
(p/n 79-859698A 1)



2 Light Warning Gauge
(p/n 79-859697A 1)



1 Light Warning Gauge
(p/n 17433A 2 & A 7)



SmartTach & SmartSpeed



SC1000 SystemTach & SystemSpeed



System Monitor



SC100 System Link Gauge Examples



SC5000 System View



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<u>Instrumentation</u> (Standard Analog Gauges)	<u>Flagship +</u> (Black Face = A 1) (White Face =A11)	<u>Admiral +</u> (Black Face = Q 1) (White Face = Q 2)	<u>QSS</u> (Black Face = Q 1) (White Face = Q 2)	<u>Page</u>
Tachometer - 6000 rpm.....	79-859674A.....	79-859674Q.....	79-883620Q.....	338-343
- 8000 rpm.....	79-859675A.....	79-859675Q.....	79-883621Q.....	338-343
Tach Harness.....	84-86396A 8.....	84-86396A 8.....	84-86396A 8.....	411
Speedometer - 65 mph.....	79-859677A.....	79-859677Q.....	N/A.....	338-343
- 80 mph.....	79-859678A.....	79-859678Q.....	79-883623Q.....	338-343
Battery Meter.....	79-859683A.....	79-859683Q.....	79-883626Q.....	338-343
Fuel Gauge.....	79-859692A.....	79-859692Q.....	79-883633Q.....	338-343
Cruiselog (hourmeter).....	79-859695A.....	79-859695Q.....	79-883636Q.....	338-343
Clock.....	79-859696A.....	79-859696Q.....	N/A.....	338-343
Power Trim.....	79-859693A.....	79-859693Q.....	79-883634Q.....	338-343
Water Pressure Gauge (30 psi).....	79-859688A.....	79-859688Q.....	79-883630Q.....	338-343
Water Temperature Gauge (100 –240 deg.F).....	79-859684A.....	79-859684Q.....	79-883627Q.....	338-343
Dual Engine Synchronizer.....	79-859694A.....	79-859694Q.....	79-883635Q.....	338-343
Oil Level Gauge Kit (for tanks w/ quick-disconnect).....	79-859691A.....	79-859691Q.....	79-883632Q.....	338-343
(for tanks w/o quick-disconnect).....	79-859691A 2/A12.....	79-859691Q3/Q4.....	N/A.....	338-343
1 Light Warning Kit (low oil/overheat) 2.0L & 2.5L - Serial # 0G960499 & below.....	17334A 2.....	17334A 2.....	17334A 2.....	388
2.0L & 2.5L - Serial # 0G960500 & above.....	17334A 7.....	17334A 7.....	17334A 7.....	388
2 Light Warning Kit - Oil Level and Water Temperature 225 (3.0 L) Carb.....	79-859697A.....	N/A.....	N/A.....	388
3 Light Warning Kit – Oil Level, Water Temperature and Water In Fuel 225 (3.0 L) EFI.....	79-859698A.....	N/A.....	N/A.....	389
4 Light Warning Kit – Oil Level, Water Temperature, Water in Fuel and Check Engine 2.5L & 3.0L Optimax.....	79-859699A.....	N/A.....	N/A.....	390
<u>Remote Controls</u>				
Side Mount - MSC 4000 Series - Electric.....			881170A 3.....	434
- Trim with 15 ft. (4.6m) harness.....			881170A15.....	434
- Trim with 20 ft. (6.1m) harness.....			881170A20.....	434
Dual Engine Remote Control Kit (for side mount controls).....			16909A 2.....	435
Panel Mount - (trim) - Commander 3000 Classic Series.....			827270A42.....	432
- MPC 4000 Series (Gen II) - Pistol grip.....			883709A02.....	430
- MPC 4000 Series (Gen II) - Lock bar.....			883710A02.....	431
Console Mount - (single engine, trim) - Commander Series.....			88688A25.....	435
- MCC 4500 Series (Gen II).....			883711A12.....	431
-(dual engine, trim) - Commander Series - twin trim switches in handle.....			88688A22.....	436
- Commander 3000 Series - single trim switch in handle.....			88688A92.....	N/A
- MCC 4000 Series (Gen II) - single trim switch in handle.....			883711A02.....	432
Remote Control Extension Harness - 10 ft. (3.0 m).....			84-17829A10.....	412
- 20 ft. (6.1 m).....			84-17829A20.....	412
Throttle/Shift Cables - (Gen I) (two required per engine).....			850716A__Series.....	453
- (Gen II) (two required per engine).....			883719A__Series.....	451

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<u>Electrical</u>	<u>Part Number</u>	<u>Page</u>
Ignition/Choke Assembly - with 15 ft. (4.6 m) harness	84-816626A15	406
- with 20 ft. (6.1 m) harness	84-816626A20	406
Lanyard Stop Switch	87-19674Q 2	414
Diode Assembly (dual engine) (required to use a single lanyard stop switch).....	812497A 2	415
MerCathode.....	88334A 2	77
 <u>Miscellaneous Accessories</u>		
Carburetor Anti-Icing Kit – Serial # 0G303046 & above (with Walbro “WMV” series carburetor)	856642A 2	71
High Altitude Gear Kit - (135/150) Converts 2:1 to 2.3:1 gear ratio).....	43-16294A 5	48
- (175/200) Converts 1.87:1 to 2:1 gear ratio).....	43-44102A 2	48
- (225/250) Converts 1:75 to 1.87:1 gear ratio).....	43-818543A 4	49
Oil Tank Extension Kit (includes 30 ft. (9.14 m) of double oil hose)	41729A 3	73
Oil Tank Hold Down Kit - for optional 1.8 gallon (6.8 L) oil tank.....	824954A 1	73
- for standard 3.0 gallon (11 L) oil tank (floor or wall mount)	12335A 1	73
- for standard 3.0 gallon (11 L) oil tank (floor mount only).....	884481A 1	73
Optional Oil Tank System - 1.8 gallon (6.8 L).....	15943A 1	72
Deck Oil Fill Kit - (Straight filler neck)	15969A 3	74
- (80 degree filler neck).....	15969A06	74
Rigging Hose Kit (also requires cowl fitting 875266A 2 for Serial # 0G949999 & below)	32-825191A 4	40
Trim Limit Switch Kit.....	87-814407A 3	26
Trim Limit Switch Kit (2003 & newer 3.0L Optimax)	87-887979A 2	26
Trim Reducer Kit	858915A 1	26
Trailing Tilt Lock Kit.....	99629A 4	27
Trailing Clip	833006A 1	27
Flushing Attachment - allows running engine (not for use on Jet 140).....	44357Q 2 (Q/S)	51
- allows running engine (not for use on Jet 140).....	44357T 2 (MPP)	51
Dual Water Pickup Flush Seal Kit - (plugs the front inlet holes on dual water pick-up gearcases)	881150Q 1 (Q/S)	51
- (plugs the front inlet holes on dual water pick-up gearcases).....	881150K 1 (MPP)	52
 <u>Steering</u>		
Ride Guide Attaching Kit - (single engine, two cable)	92876A 8	492
- (dual engine, two cable)	92876A 9	493