

# Models Covered

Use this **Service Manual Supplement** in addition to the correct **Service Manual** to service the Fuel System or *iDock* System on the following, or newer, *Evinrude E-TEC G2*, models:

Engine Type: 66° V6 Displacement: 167 cu. in. (2.74 L)      Charging System: 50 Amp  
Gearcase: SLX-Type, Gear Ratio: 12:26 (0.46) (2.16:1)

HP	Model Number	Software Version	Shaft Length	Steering	Graphics	Standard Features	Special Features
150	C150PLAAEE	3030567	20 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C150PXAAE	3030567	25 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C150PXCAAE	3030567	25 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
150 H.O.	C150PLHAAE	3030558	20 in.	TRAC+ <sup>1</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	C150PXHAAE	3030558	25 in.	TRAC+ <sup>1</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	C150FLHAAE	3030558	20 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	C150FXHAAE	3030558	25 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	C150XHCAAE	3030558	25 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.
	C150XHOAAE	3030558	25 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	C150AXHAAE	3030558	25 in.	<i>iDock</i> <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	C150AXCAAE	3030558	25 in.	<i>iDock</i> <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.
175	C175PLAAE	3030568	20 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C175PXAAE	3030568	25 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C175PXCAAE	3030568	25 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	C175FLAAE	3030568	20 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C175FXAAE	3030568	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C175XCAAE	3030568	25 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
200	C200PLAAE	3030570	20 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C200PXAAE	3030570	25 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C200PXCAAE	3030570	25 in.	TRAC+ <sup>1</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	C200FLAAE	3030570	20 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C200FXAAE	3030570	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C200XCAAE	3030570	25 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	C200XOAAE	3030570	25 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C200AXAAE	3030570	25 in.	<i>iDock</i> <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup>	
	C200AXCAAE	3030570	25 in.	<i>iDock</i> <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	

DPS Control Module	3030559
<i>iDock</i> Control Module	3030591
Pressure Sensor Module	3030590
EMM Co-Processor	3030479

- |                                  |   |
|----------------------------------|---|
| 1. Alternate feature             | 4. Digital Electronic Shift and Throttle          |
| 2. Dynamic power Steering        | 5. Counter-Rotation Gearcase                      |
| 3. Integrated Hydraulic Steering | 6. Factory installed <i>Evinrude iDock</i> System |

## Reference Information

### Models Covered

Engine: 74° V6 3.4 L, 210.1 cu. in Charging System: 50 Amp

Gearcase: SLX-Type, Gear Ratio: 13:24 (0.542) (1.85:1)

HP	Model Number	Software Version	Shaft Length	Steering	Graphics	Standard Features	Special Features
<b>200</b>	E200LHAGG	3030560	20 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E200LHOAGG	3030560	20 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E200XHAGG	3030560	25 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E200XHCAGG	3030560	25 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.
	A200XHCAGG <sup>1</sup>	3030560	25 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.
	A200XHAGG <sup>1</sup>	3030560	25 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E200AXHAGG	3030560	25 in.	iDock <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E200AXCAGG	3030560	25 in.	iDock <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.
	<b>225</b>	E225XAGG	3030561	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>
E225XCAGG		3030561	25 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
<b>225 H.O.</b>	E225LHAGG	3030562	20 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E225XHAGG	3030562	25 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E225LHOAGG	3030562	20 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E225XCHAGG	3030562	25 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	
<b>250</b>	E250XAGG	3030563	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E250XCAGG	3030563	25 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	E250ZAGG	3030563	30 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E250ZCAGG	3030563	30 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	A250XCAGG <sup>1</sup>	3030563	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	A250ZCAGG <sup>1</sup>	3030563	30 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	A250XAGG <sup>1</sup>	3030563	25 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup>	
	A250ZAGG <sup>1</sup>	3030563	30 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E250AZAGG	3030563	25 in.	iDock <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E250AZCAGG	3030563	30 in.	iDock <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
<b>250 H.O.</b>	E250LHAGG	3030564	20 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E250LHOAGG	3030564	20 in.	IHS <sup>3</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E250XHAGG	3030564	25 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E250XCHAGG	3030564	25 in.	DPS <sup>2</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.
	E250ALHAGG	3030564	20 in.	iDock <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E250ALCAGG	3030564	20 in.	iDock <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.
	E250AXHAGG	3030564	25 in.	iDock <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup>	H.O.
	E250AXCAGG	3030564	25 in.	iDock <sup>6</sup>	G2 H.O.	Digital EST <sup>4</sup> , CR <sup>5</sup>	H.O.

HP	Model Number	Software Version	Shaft Length	Steering	Graphics	Standard Features	Special Features
300	E300LUAGG	3030565	20 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E300XUAGG	3030565	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E300XCUAGG	3030565	25 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	E300ZUAGG	3030565	30 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E300ZCUAGG	3030565	30 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	A300XCUAGG <sup>1</sup>	3030565	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	A300ZCUAGG <sup>1</sup>	3030565	30 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	A300XUAGG <sup>1</sup>	3030565	25 in.	DPS <sup>2</sup>	G2 Standard	Digital EST <sup>4</sup>	
	A300ZUAGG <sup>1</sup>	3030565	30 in.	IHS <sup>3</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E300AXUAGG	3030565	25 in.	<i>iDock</i> <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E300AXCAGG	3030565	25 in.	<i>iDock</i> <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	
	E300AZUAGG	3030565	30 in.	<i>iDock</i> <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup>	
	E300AZCAGG	3030565	30 in.	<i>iDock</i> <sup>6</sup>	G2 Standard	Digital EST <sup>4</sup> , CR <sup>5</sup>	

DPS Control Module	3030559
<i>iDock</i> Control Module	3030591
Pressure Sensor Module	3030590
EMM Co-Processor	3030479

- |                                  |   |
|----------------------------------|---|
| 1. Alternate feature             | 4. Digital Electronic Shift and Throttle          |
| 2. Dynamic power Steering        | 5. Counter-Rotation Gearcase                      |
| 3. Integrated Hydraulic Steering | 6. Factory installed <i>Evinrude iDock</i> System |

# Service Specifications

## 66° V6 Models

**Note:** A bar to the left side of the table indicates updated information.

HP	150	150 H.O.	175	200
<b>Engine</b>				
Full Throttle Operating Range	5400-6000 RPM	5400-6000 RPM	5000-6000 RPM	5000-6000 RPM
Power	150 HP (110.32 kw) @ 5750 RPM	150 HP (110.32 kw) @ 5750 RPM	175 HP (128.71 kw) @ 5750 RPM	200 HP (147.1) @ 5750 RPM
Idle RPM in NEUTRAL	400 ± 50 RPM			
Idle RPM in Gear	500 ± 50 RPM			
Weight (may vary depending on model)	TRAC+ 20 in. (L) Models 487 lbs. (221 kg) TRAC+ 25 in. (X) Models 507 lbs. (229 kg) Full Featured 20 in. (L) Models TBD lbs. (530 kg) Full Featured 25 in. (X) Models 532 lbs. (241 kg)			
Engine Type	66° V 6-Cylinder Loop-Charged			
Displacement	167 cu. in. (2.7 L, 2743 cm <sup>3</sup> )			
Bore	3.386 in. (86 mm)			
Stroke	3.100 in. (78.74 mm)			
Standard Bore	3.3853 to 3.3868 in. (85.987 to 86.025 mm) To bore oversize, add piston oversize dimension to standard bore			
Top Crankshaft Journal	1.6199 to 1.6204 in. (41.15 to 41.16 mm)			
Center Crankshaft Journals	2.1870 to 2.1875 in. (55.55 to 55.56 mm)			
Bottom Crankshaft Journal	1.5747 to 1.5752 in. (40.0 to 40.01 mm)			
Rod Crankpin	1.4995 to 1.5000 in. (38.09 to 38.106 mm)			
Piston Ring End Gap, Both	0.020 to 0.026 in. (0.55 to 0.66 mm)			
<b>Cooling System</b>				
Thermostat	143°F (62°C)			
Maximum Temperature	203°F (95°C)			
Water pressure	– Idle 5 to 8 psi (34 to 55 kPa) – @ 5000 to 6000 RPM 24 to 40 psi (165 to 276 kPa)			
Pressure Relief Valve (open)	28 to 30 psi (193 to 206 kPa) (approximate)			

# Service Specifications

## 74° V6 Models

**Note:** A bar to the left side of the table indicates updated information.

HP	200	225	250	250 H.O.	300
<b>Engine</b>					
Full Throttle Operating Range	5400-6000 RPM	5400-6000 RPM	5400-6000 RPM	5400-6000 RPM	5400-6000 RPM
Power	200 HP (147.1 kw) @ 5500 RPM	225 HP (165.49 kw) @ 5500 RPM	250 HP (183.87 kw) @ 5500 RPM	250 HP (183.87 kw) @ 5750 RPM	300 HP (220.65 kw) @ 5750 RPM
Idle RPM in NEUTRAL	500 ± 50 RPM				
Idle RPM in Gear	500 ± 50 RPM				
Weight (may vary depending on model)	20 in. (L) Models 537 lbs. (244 kg) 25 in. (X) Models 558 lbs. (253 kg) 30 in. (Z) Models 570 lbs. (259 kg)				
Lubricant	– Preferred Lubricant – Acceptable Lubricant				
	<i>Evinrude XD100, Evinrude XD50</i> Synthetic TC-W3 NMMA-certified oil				
Capacity	2.0 gallons (7.5 liters)				
Engine Type	74° V 6-Cylinder Loop-Charged				
Displacement	210 cu. in. (3.4 L, 3441 cm <sup>3</sup> )				
Bore	3.854 in. (97.89 mm)				
Stroke	3.000 in. (76 mm)				
Standard Bore	3.8535 to 3.8550 in. (97.87 to 97.90 mm) To bore oversize, add piston oversize dimension to standard bore				
Top Crankshaft Journal	1.6199 to 1.6204 in. (41.15 to 41.16 mm)				
Center Crankshaft Journals	2.1870 to 2.1875 in. (55.55 to 55.56 mm)				
Bottom Crankshaft Journal	1.5747 to 1.5752 in. (40.0 to 40.01 mm)				
Rod Crankpin	1.4995 to 1.5000 in. (38.09 to 38.106 mm)				
Piston Ring End Gap, Both	0.022 to 0.028 in. (0.57 to 0.72 mm)				