

## Models Covered

This service manual covers information on the following *Evinrude E-TEC G2*, 167 cubic inch (2.7 L), 66° V6, models, starting with serial numbers:

AA models, s/n -To be announced.

HP	Model Number	Shaft Length	Gearcase		Midsection & Steering	Graphics	Standard Features	Special Features
			Style	Gear Ratio				
150	C150PLAA	20	SLX	12:26 (0.46) (2.16:1)	TRAC+ <sup>1</sup>	Standard	Digital EST <sup>4</sup>	
	C150PLHAA	20	SLX	12:26 (0.46) (2.16:1)	TRAC+ <sup>1</sup>	Custom H.O.	Digital EST <sup>4</sup>	H.O.
	C150PXAA	25	SLX	12:26 (0.46) (2.16:1)	TRAC+ <sup>1</sup>	Standard	Digital EST <sup>4</sup>	
	C150PXHAA	25	SLX	12:26 (0.46) (2.16:1)	TRAC+ <sup>1</sup>	Custom H.O.	Digital EST <sup>4</sup>	H.O.
	C150PXCAA	25	SLX	12:26 (0.46) (2.16:1)	TRAC+ <sup>1</sup>	Standard	Digital EST <sup>4</sup>	
	C150FLHAA	20	SLX	12:26 (0.46) (2.16:1)	DPS <sup>2</sup>	Custom H.O.	Digital EST <sup>4</sup>	H.O.
	C150FXHAA	25	SLX	12:26 (0.46) (2.16:1)	DPS <sup>2</sup>	Custom H.O.	Digital EST <sup>4</sup>	H.O.
	C150XHCAA	25	SLX Counter Rotation	12:26 (0.46) (2.16:1)	IHS <sup>3</sup>	Custom H.O.	Digital EST <sup>4</sup>	H.O.
175	175FLAA	20	SLX	12:26 (0.46) (2.16:1)	DPS <sup>2</sup>	Standard	Digital EST <sup>4</sup>	
	175FXAA	25	SLX	12:26 (0.46) (2.16:1)	DPS <sup>2</sup>	Standard	Digital EST <sup>4</sup>	
	175XCAA	25	SLX Counter Rotation	12:26 (0.46) (2.16:1)	IHS <sup>3</sup>	Standard	Digital EST <sup>4</sup>	
200	C200FLAA	20	SLX	12:26 (0.46) (2.16:1)	DPS <sup>2</sup>	Standard	Digital EST <sup>4</sup>	
	C200FXAA	25	SLX	12:26 (0.46) (2.16:1)	DPS <sup>2</sup>	Standard	Digital EST <sup>4</sup>	
	C200XCAA	25	SLX Counter Rotation	12:26 (0.46) (2.16:1)	IHS <sup>3</sup>	Standard	Digital EST <sup>4</sup>	
	C200XOAA	25	SLX	12:26 (0.46) (2.16:1)	IHS <sup>3</sup>	Standard	Digital EST <sup>4</sup>	

1. TRAC+ use with cable or non-integrated hydraulic    2. Full Featured with Dynamic Power Steering  
3. Full Featured with Integrated Hydraulic Steering    4. Digital Electronic Shift & Throttle

**Reference Information**  
Service Specifications

# Service Specifications

HP	150	150 H.O.	175	200
<b>Engine</b>				
Full Throttle Operating Range	5000-6000 RPM	5000-6000 RPM	TBD RPM	TBD RPM
Power	150 HP (110.3 kw) @ 5500 RPM	150 HP (110.3 kw) @ 5500 RPM	175 HP (128.7 kw) @ TBD RPM	200 HP (147.1) @ TBD RPM
Idle RPM in NEUTRAL	500 ± 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 TBD lbs. (TBD kg) Full Featured 20 in. (L) Models TBD lbs. (TBD 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)			