Marine Power



JOHN DEERE

A NEW ERA
IN POWER

Vessel owners and operators have trusted and recommended John Deere marine power since 1991. Now, our next generation JD14 and JD18 marine engines are ushering in a new era in John Deere reliability and durability on the water — taking your high-horsepower marine applications beyond your expectations.

New John Deere marine engines come standard with the added advantage of John Deere Connected Support™ remote monitoring and diagnostics.



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Nothing Runs Like A Deere™

John Deere engines are as powerful and dependable in the water as they are on the land. Our marine propulsion, generator, and auxiliary engines are built for long life, reliable performance, fuel efficiency, quiet operation, low maintenance cost, and easy access for service.

MEETING REGULATIONS

AROUND THE WORLD

John Deere marine engines comply with international, European, and United States emissions standards for regulated vessels. John Deere meets Environmental Protection Agency (EPA) Marine Tier 3 emissions regulations for vessels flagged in the United States.

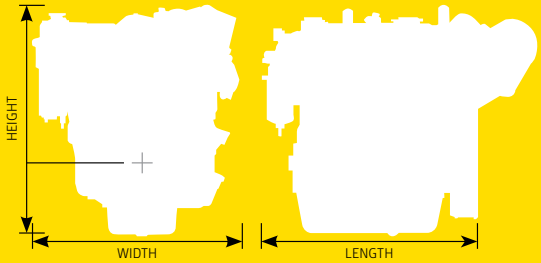
Select engine ratings meet European Union (EU) Stage V requirements for inland waterway applications and China Stage II marine emissions standards for vessels that are registered in China and operate in Chinese territorial waters.

John Deere also offers engines for the non-regulated regions throughout the world.

Marine classification societies

John Deere provides a full line of marine engines and accessories to meet the requirements of various marine classification societies.

DIMENSIONS AND WEIGHTS



Engine dimensions and weights listed in this guide use the following variables:

Length mm (in) = length to rear face of block

Width mm (in) = maximum width minus width of elbow

Height mm (in) = crank centerline to top plus crank centerline to bottom

Weight kg (lb) = with oil, no coolant — includes engine, flywheel, and electronics

Dimensions may vary according to options selected. Contact your distributor for more information. All specifications are at rated speed and power with standard options unless otherwise noted.



NEXT GENERATION

MARINE ENGINES

All-new John Deere JD14 and JD18 marine engines are built to take your marine propulsion, auxiliary, and generator applications to the next level.



POWERFUL PERFORMANCE

- JD14 engines have higher duty cycles and more power than John Deere 13.5L models.
- JD18 engines are built for heavy-duty commercial marine applications up to 588 kW (789 hp).
- Rear gear train, high-pressure common-rail (HPCR), and hydraulic lash adjusters (HLA) provide a quiet and smooth operation.

CONNECTED ENGINES

- John Deere Connected Support remote monitoring and diagnostics comes standard.
- Provides predictive alerts and other benefits with no subscription fees or ongoing expenses.

LOW MAINTENANCE

- Longer oil change service intervals up to 500 hours.
- Rigid bronze impeller seawater pump with up to 10,000-hour life before needing maintenance.
- Automatic valve lash adjustment eliminates time and expense of valve lash maintenance.

EASY INTEGRATION

- Standard front service for oil and fuel filter maintenance.
- The JD14 marine engine features a reduced package size compared to the John Deere 13.5L.
- The on-board ECU and compact electrical service center box provide easy wiring and integration.

ELECTRIFIED

MARINE POWER

By combining the proven reliability of diesel engines with advanced battery technology, hybrid and all-electric propulsion systems deliver efficient power, operational flexibility, and reduced emissions.



RELIABLE ENGINES

John Deere engines provide the performance and reliability marine customers need for hybrid propulsion systems.

- Engine power from 60 to 588 kW (80 to 789 hp).
- Meets the requirements of various marine classification societies.
- Global support network of marine service dealers and distributors.

STRONG BATTERIES

John Deere batteries offer several competitive advantages for marine applications.

- NMC chemistry up to 750 volts.
- DNV certified and approved.
- Immersion cooling for safety.
- High power density.
- Rapid charging and discharging capability (high C-rate).
- Modular and scalable.

UNIFIED INTEGRATION

The entire hybrid or all-electric marine propulsion system is designed, installed, and commissioned through authorized John Deere channel partners.

- Complete project management.
- In-house naval architecture, design, and simulation capability.
- Remote monitoring and diagnostics of propulsion system.

JOHN DEERE

CONNECTED SUPPORT

- **Improve Vessel Uptime** and customer confidence.
- **Streamline Service** through predictive alerts and remote diagnostics.
- **Manage Cost of Operation** by tracking fuel consumption and idle time.
- **Install on New or Existing** marine vessels powered by John Deere electronic engines.

ENGINE HEALTH MONITORING

John Deere Connected Support continuously monitors engine data to help maximize operational uptime over the engine's lifespan. Greater visibility into engine health and operation helps vessel operators and John Deere service providers identify developing concerns earlier and take action before issues become more serious.

PREDICTIVE ALERTS

The predictive alerts tool monitors engine data, with the customer's approval, to help identify potential issues. Dealers and distributors can use these insights to proactively address developing concerns during scheduled maintenance, helping reduce unplanned downtime.

REMOTE DIAGNOSTICS

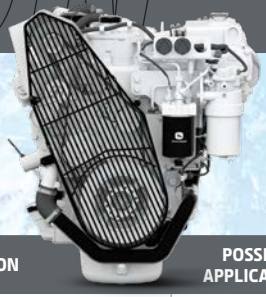
John Deere dealers and distributors can remotely diagnose engine trouble codes while your vessel is underway. If the issue can't be resolved remotely, they can provide technical guidance while preparing the right parts, tools, and technician for your arrival in port, potentially eliminating a separate diagnostic trip.

FLEET MANAGEMENT

With John Deere Operations Center™, you get a comprehensive overview of all your connected engines. Engine utilization data can help you determine how to better use equipment and manage fuel consumption. Location and geofencing services provide logistics management and vessel security.



RATING DEFINITIONS



John Deere marine rating definitions help determine the engine that best fits certain application requirements. Consult a John Deere marine dealer or engine distributor to verify the optimal rating for your specific application.

MARINE RATING	TYPICAL LOAD FACTOR	TYPICAL ANNUAL USAGE	TYPICAL FULL POWER OPERATION	RATING DESCRIPTION	POSSIBLE APPLICATIONS
M1	> 65%	Unrestricted	Uninterrupted	The M1 rating is for marine propulsion applications that may operate up to 24 hours per day at uninterrupted full power and have load factors* greater than 65%.	· Line haul tugs and towboats · Fish and shrimp trawlers/draggers · Displacement hull fishing boats
M2	≤ 65%	3,000 – 5,000 hr	16 of each 24 hr	The M2 rating is for marine propulsion applications that typically operate 3,000 – 5,000 hours per year and have load factors* up to 65%. This rating is for applications that are in continuous use and use full power for no more than 16 hours of each 24 hours of operation. The remaining time of operation is at or below cruising† speed.	· Short-range tugs and towboats · Long-range ferryboats · Large passenger vessels · Offshore displacement hull fishing boats
M3	≤ 50%	2,000 – 4,000 hr	4 of each 12 hr	The M3 rating is for marine propulsion applications that typically operate 2,000 – 4,000 hours per year and have load factors* up to 50%. This rating is for applications that use full power for no more than four hours out of each 12 hours of operation. The remaining time of operation is at or below cruising† speed.	· Coastal fishing boats · Offshore crew boats · Research boats · Short-range ferryboats · Dinner cruise boats
M4	≤ 40%	1,000 – 3,000 hr	1 of each 12 hr	The M4 rating is for marine propulsion applications that typically operate 1,000 – 3,000 hours per year and have load factors* below 40%. This rating is for applications that use full power no more than one hour out of each 12 hours of operation. The remaining time of operation is at or below cruising† speed.	· Coastal crew boats · Charter fishing boats · Pilot boats · Dive boats · Planing hull commercial fishing boats
M5	≤ 35%	Up to 1,000 hr	0.5 of each 8 hr	The M5 rating is for marine recreational propulsion and certification for light-duty commercial Tier 3 applications that typically operate up to 1,000 hours per year and have load factors* below 35%. This rating is for applications that use full power for no more than 30 minutes out of each eight hours. The remaining time of operation is at or below cruising† speed.	· Recreational boats · Tactical military vessels · Rescue boats
H	≤ 70%	Unrestricted	Uninterrupted	The H rating is for hybrid vessels that require a variable-speed generator drive engine to develop electrical power for any combination of electric propulsion, energy storage, hotel load, and auxiliary electric loads. The engine is designed for load factors* up to 70%.	· Recreational and commercial vessels

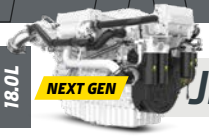
The parameters shown above (typical load factor, typical annual usage, and typical full power operation) consider common applications and are not restrictions, but are guidelines. It is important that an estimated load factor calculation is performed to best approximate how the engine will be used. Please contact your local John Deere dealer or distributor to determine the best rating for your application.

**Load factor is the actual fuel burned over a period of time divided by the full-power fuel consumption for the same period of time. For example, if an engine burns 160 liters of fuel during an eight-hour run, and the full-power fuel consumption is 60 liters per hour, the load factor is 160 liters / (60 liters per hour x 8 hours) = 33.3%.*

†Cruising is any operating time where the engine speed is at least 200 rpm less than the maximum attainable engine speed.

POWER RATINGS

MARINE PROPULSION

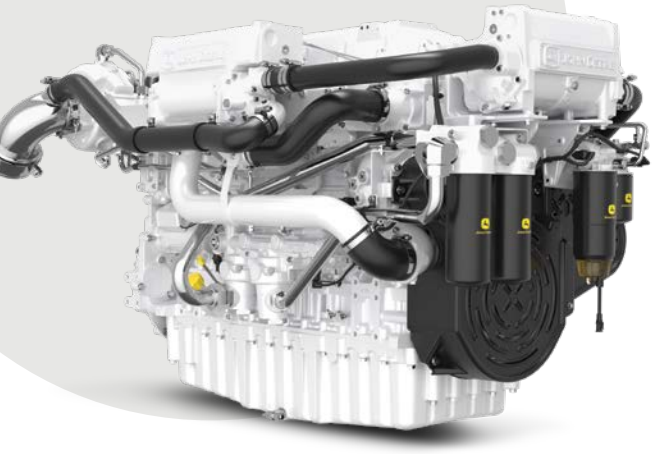
18.0L	 NEXT GEN	JD18P MLR	410 – 588 kW (550 – 789 hp)
13.6L	 NEXT GEN	JD14X MLR	522 – 588 kW (700 – 789 hp)
	 NEXT GEN	JD14P MLR	298 – 448 kW (400 – 600 hp)
9.0L		9.0X MLR	242 – 410 kW (325 – 550 hp)
		9.0P MLR	213 – 317 kW (285 – 425 hp)
6.8L		6.8X MLR	186 – 298 kW (249 – 400 hp)
		6.8P MLR	172 – 246 kW (230 – 330 hp)
		6.8G MLR	115 – 168 kW (154 – 225 hp)
4.5L		4.5X MLR	205 – 235 kW (275 – 315 hp)
		4.5P MLR	119 – 168 kW (160 – 225 hp)
		4.5G MLR	60 – 112 kW (80 – 150 hp)

JOHN DEERE MARINE ENGINES can be configured to meet various emissions levels for marine propulsion, constant-speed, auxiliary and generator ratings, and variable-speed auxiliary applications.

- IMO Tier II
- EPA Tier 3
- EU RCD 2
- China Stage II
- EU Stage V

kW	0	75	149	224	298	373	448	522	597	671
hp	0	100	200	300	400	500	600	700	800	900

Specifications are subject to change.
Brake horsepower (bhp) is used for hp ratings.



Base Machine Code: 4090RG

Dual-circuit keel-cooled or heat exchanger configurations

Turbocharged with air-to-coolant, separate-circuit aftercooling

Excellent choice for heavy-duty marine applications:

- ► **Tugs and pushboats**
- ► **Fishing vessels**
- ► **Dredges**
- ► **Passenger vessels**

SPECIFICATIONS							
Length*		Width		Height		Weight	
mm	in	mm	in	mm	in	kg	lb
JD18P MLR							
1602	63	1315	52	1288	51	2250	4960

** Length to rear of block.*

RATED POWER				RATED FUEL CONSUMPTION		TECHNOLOGY		EMISSIONS				
M rating	kW	hp	rpm	L/hr	Gal/hr	Controls	Aspiration	IMO Tier II	EPA Tier 3	EU RCD 2	China Stage II	EU Stage V
JD18P MLR												
M1	410	550	1800	114.0	30.0	Electronic	SCAC	■	■	■	-	-
M1	447	599	1800	125.9	33.3	Electronic	SCAC	■	■	■	-	-
M1	485	650	1800	132.0	34.8	Electronic	SCAC	■	■	■	-	-
M1	522	700	2000	144.0	38.2	Electronic	SCAC	■	■	■	-	-
M2	559	750	2100	155.0	41.0	Electronic	SCAC	■	■	■	-	-
M2	588	789	2100	164.0	43.4	Electronic	SCAC	■	■	■	-	-

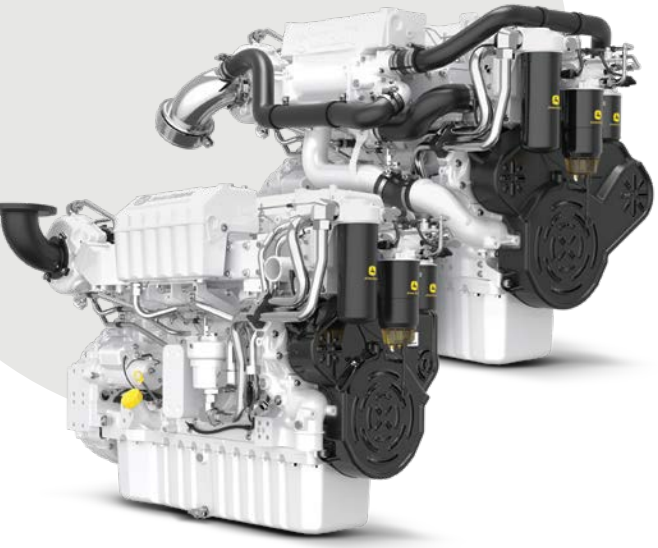
NA = Naturally Aspirated // **T** = Turbocharged // **TAAC**=Turbocharged, Air-to-Air Aftercooled //
JWAC = Turbocharged, Jacket Water Aftercooled // **SWAC** = Turbocharged, Seawater Aftercooled //
SCAC = Turbocharged, Separate-Circuit Aftercooled

Specifications are subject to change.



JD14X / JD14P NEXT GEN

13.6L PROPULSION RATINGS



Base Machine Codes: 4050RG (JD14X MLR), 4060RG (JD14P MLR)

Keel-cooled or heat exchanger configurations

Turbocharged with air-to-seawater or air-to-coolant aftercooling

Excellent choice for a wide variety of marine applications:

- ► **Commercial workboats**
- ► **Pilot boats**
- ► **Commercial fishing vessels**
- ► **Passenger vessels**
- ► **Sportfishing and trawler yachts**

SPECIFICATIONS							
Length*		Width		Height		Weight	
mm	in	mm	in	mm	in	kg	lb
JD14X MLR							
1415	56	1089	43	1178	46	1580	3483
JD14P MLR							
1415	56	1089	43	1178	46	1570	3461

** Length to rear of block.*

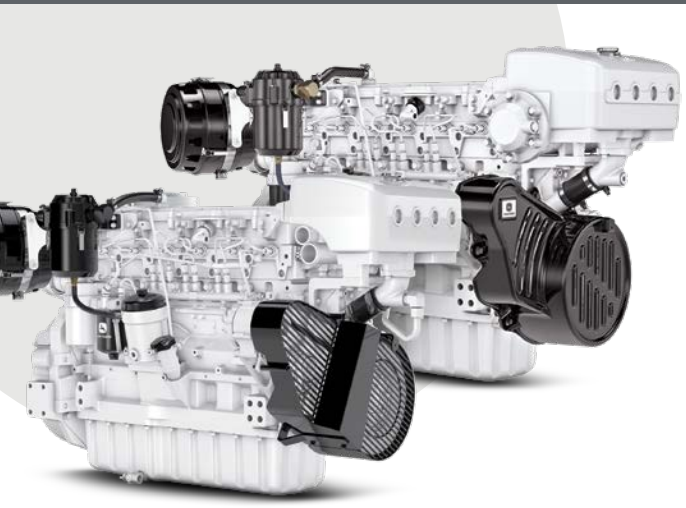
RATED POWER				RATED FUEL CONSUMPTION		TECHNOLOGY		EMISSIONS				
M rating	kW	hp	rpm	L/hr	Gal/hr	Controls	Aspiration	IMO Tier II	EPA Tier 3	EU RCD 2	China Stage II	EU Stage V
JD14X MLR												
M3	522	700	2100	132.0	34.7	Electronic	SWAC	■	■	■	-	-
M4	559	750	2200	143.0	37.8	Electronic	SWAC	■	■	■	-	-
M4	588	789	2200	152.0	40.2	Electronic	SWAC	■	■	■	-	-
JD14P MLR												
M1	298	400	1800	85.9	22.7	Electronic	JWAC	■	■	■	-	-
M1	336	451	1800	96.6	25.5	Electronic	JWAC	■	■	■	-	-
M1	373	500	1900	104.0	27.6	Electronic	JWAC	■	■	■	-	-
M2	410	550	2000	116.0	30.6	Electronic	JWAC	■	■	■	-	-
M3	448	600	2100	127.0	33.5	Electronic	JWAC	■	■	■	-	-

NA = Naturally Aspirated // **T** = Turbocharged // **TAAC**=Turbocharged, Air-to-Air Aftercooled //
JWAC = Turbocharged, Jacket Water Aftercooled // **SWAC** = Turbocharged, Seawater Aftercooled //
SCAC = Turbocharged, Separate-Circuit Aftercooled

Specifications are subject to change.

9.0X / 9.0P

9.0L PROPULSION RATINGS



Keel-cooled or heat exchanger configurations

Turbocharged with air-to-seawater or air-to-coolant aftercooling

Excellent choice for a wide variety of marine applications:

- ► Pilot/patrol craft
- ► Launches
- ► Workboats
- ► Commercial fishing
- ► Trawler yachts
- ► Sportfishing boats

SPECIFICATIONS							
Length*		Width		Height		Weight	
mm	in	mm	in	mm	in	kg	lb
9.0X MLR							
1297	51	974	38	983	39	1056	2328
9.0P MLR							
1297	51	1027	40	984	39	1055	2326

** Length to rear of block.*

Base Machine Codes: 4150RG (9.0X MLR), 4160RG (9.0P MLR)

RATED POWER				RATED FUEL CONSUMPTION		TECHNOLOGY		EMISSIONS				
M rating	kW	hp	rpm	L/hr	Gal/hr	Controls	Aspiration	IMO Tier II	EPA Tier 3	EU RCD 2	China Stage II	EU Stage V
9.0X MLR												
M1	242	325	2100	63.8	16.8	Electronic	SWAC	■	■	■	-	-
M2	280	375	2200	75.0	19.8	Electronic	SWAC	■	■	■	-	-
M3	317	425	2300	84.1	22.2	Electronic	SWAC	■	■	■	-	-
M4	373	500	2400	99.9	26.4	Electronic	SWAC	■	■	■	-	-
M5	410	550	2500	110.0	28.9	Electronic	SWAC	■	■	■	-	-
H	242	325	2000	63.0	17.0	Electronic	SWAC	■	■	-	-	-
9.0P MLR												
M1	213	285	2100	64.6	17.1	Electronic	JWAC	■	■	■	-	-
M2	242	325	2200	71.5	18.9	Electronic	JWAC	■	■	■	-	-
M3	280	375	2300	80.9	21.4	Electronic	JWAC	■	■	■	-	-
M4	317	425	2400	91.2	24.1	Electronic	JWAC	■	■	■	-	-

NA = Naturally Aspirated // **T** = Turbocharged // **TAAC**=Turbocharged, Air-to-Air Aftercooled //
JWAC = Turbocharged, Jacket Water Aftercooled // **SWAC** = Turbocharged, Seawater Aftercooled //
SCAC = Turbocharged, Separate-Circuit Aftercooled

Specifications are subject to change.

6.8X / 6.8P / 6.8G

6.8L PROPULSION RATINGS



Base Machine Codes: 4600PE (6.8X MLR), 4610PE (6.8P MLR), 4620CD (6.8G MLR)

Keel-cooled or heat exchanger configurations

Turbocharged, or turbocharged with air-to-seawater or air-to-coolant aftercooling

Excellent choice for a wide variety of marine applications:

- ► Workboats
- ► Passenger vessels
- ► Commercial fishing
- ► Trawler yachts

SPECIFICATIONS							
Length*		Width		Height		Weight	
mm	in	mm	in	mm	in	kg	lb
6.8X MLR							
1034	41	872	34	931	37	763	1682
6.8P MLR							
1034	41	862	34	935	37	787	1735
6.8G MLR							
1012	40	712	28	881	35	730	1609

** Length to rear of block.*

RATED POWER				RATED FUEL CONSUMPTION		TECHNOLOGY		EMISSIONS				
M rating	kW	hp	rpm	L/hr	Gal/hr	Controls	Aspiration	IMO Tier II	EPA Tier 3	EU RCD 2	China Stage II	EU Stage V
6.8X MLR												
M1	186	249	2400	51.0	13.5	Electronic	SWAC	■	■	■	-	-
M2	209	280	2500	56.7	15.0	Electronic	SWAC	■	■	■	-	-
M3	239	321	2600	63.2	16.7	Electronic	SWAC	■	■	■	-	-
M4	265	355	2700	69.3	18.3	Electronic	SWAC	■	■	■	-	-
M5	298	400	2800	81.3	21.5	Electronic	SWAC	■	■	■	-	-
6.8P MLR												
M1	172	230	2300	50.9	13.4	Electronic	JWAC	■	■	■	-	-
M2	198	265	2400	57.9	15.3	Electronic	JWAC	■	■	■	-	-
M3	224	300	2500	64.6	17.1	Electronic	JWAC	■	■	■	-	-
M4	246	330	2600	71.2	18.8	Electronic	JWAC	■	■	■	-	-
6.8G MLR												
M1	115	154	2300	29.6	7.8	Mechanical	T	EX	-	-	-	-
M2	130	175	2400	34.7	9.2	Mechanical	T	-	-	-	-	-
M3	149	200	2500	38.8	10.3	Mechanical	T	-	-	-	-	-
M4	168	225	2600	44.3	11.7	Mechanical	T	-	-	-	-	-

NA = Naturally Aspirated // **T** = Turbocharged // **TAAC**=Turbocharged, Air-to-Air Aftercooled //
JWAC = Turbocharged, Jacket Water Aftercooled // **SWAC** = Turbocharged, Seawater Aftercooled //
SCAC = Turbocharged, Separate-Circuit Aftercooled

Specifications are subject to change.

4.5X / 4.5P / 4.5G

4.5L PROPULSION RATINGS



Base Machine Codes: 4750PE (4.5X MLR), 4760PE (4.5P MLR), 4770CD/4770PE (4.5G MLR)

Keel-cooled or heat exchanger configurations

Naturally aspirated, turbocharged, or turbocharged with air-to-seawater or air-to-coolant aftercooling

Excellent choice for a wide variety of marine applications:

- ► **Workboats**
- ► **Passenger vessels**
- ► **Commercial fishing**
- ► **Fast craft**

SPECIFICATIONS							
Length*		Width		Height		Weight	
mm	in	mm	in	mm	in	kg	lb
4.5X MLR							
762	30	829	33	922	36	558	1230
4.5P MLR							
752	30	864	34	964	38	578	1274
4.5G MLR							
739	29	808	32	912	36	507	1118

** Length to rear of block.*

RATED POWER				RATED FUEL CONSUMPTION		TECHNOLOGY		EMISSIONS				
M rating	kW	hp	rpm	L/hr	Gal/hr	Controls	Aspiration	IMO Tier II	EPA Tier 3	EU RCD 2	China Stage II	EU Stage V
4.5X MLR												
M4	205	275	2600	54.0	14.3	Electronic	SWAC	■	■	■	-	-
M5	235	315	2800	62.3	16.5	Electronic	SWAC	■	■	■	-	-
4.5P MLR												
M1	119	160	2300	33.2	8.8	Electronic	JWAC	■	■	■	■	■
M2	134	180	2400	36.9	9.7	Electronic	JWAC	■	■	■	■	-
M3	149	200	2500	44.2	11.7	Electronic	JWAC	■	■	■	-	-
M4	168	225	2600	48.6	12.8	Electronic	JWAC	■	■	■	-	-
4.5G MLR												
M2	60	80	2500	17.5	4.6	Mechanical	NA	EX	-	-	-	-
M2	90	120	2400	22.7	6.0	Mechanical	T	EX	-	-	-	-
M3	101	135	2500	26.3	6.9	Mechanical	T	EX	-	-	-	-
M4	112	150	2600	29.7	7.8	Mechanical	T	EX	-	-	-	-
M1	75	101	2400	21.5	5.7	Electronic	T	EX	■	■	■	■
M2	93	125	2500	29.0	7.7	Electronic	T	EX	■	■	■	■

NA = Naturally Aspirated // **T** = Turbocharged // **TAAC**=Turbocharged, Air-to-Air Aftercooled //
JWAC = Turbocharged, Jacket Water Aftercooled // **SWAC** = Turbocharged, Seawater Aftercooled //
SCAC = Turbocharged, Separate-Circuit Aftercooled

Specifications are subject to change.

CONSTANT-SPEED

AUXILIARY & GENERATOR ENGINES

The marine generator engine rating is the power available under normal varying electrical load factors* for an unlimited number of hours per year in commercial applications. This rating incorporates a 10% overload capability and conforms to ISO 8528 prime power. Average load over a 24-hour period shall not exceed 67% of the prime rating, of which no more than two hours are between 100% and 110% of the prime rating.

This rating is used for applications that require constant speed in auxiliary applications.

Conversions

Generator drive rating (kWe)

[Engine power - Fan power loss] x Generator efficiency

Note: Fan power loss only applies to radiator-cooled engines.

Power factor (PF)

PF = Real power (kWe) / Apparent power (kVA)
PF assumption = 0.80

Formulas

Peak power = Prime power x 110% Overload capacity
kVA rating = kWe rating / 0.80

Estimated electrical power is calculated from the typical generator efficiency and fan power percentages shown. Applications may vary.



*Load factor is the actual fuel burned over a period of time divided by the full-power fuel consumption for the same period of time. For example, if an engine burns 160 liters of fuel during an eight-hour run, and the full-power fuel consumption is 60 liters per hour, the load factor is 160 liters / (60 liters per hour x 8 hours) = 33.3%.

RATED POWER *10% OVERLOAD*			PRIME POWER RATINGS				TECHNOLOGY		EMISSIONS			
kW	hp	rpm	kW	hp	kVA	kWe	Controls	Aspiration	IMO Tier II	EPA Tier 3	China Stage II	EU Stage V
JD18P MLR												
583	782	1800	530	711	626	501	Electronic	SCAC	■	■	-	-
JD14P MLR												
418	561	1800	380	510	428	342	Electronic	JWAC	■	■	-	-
9.0X MLR												
306	410	1800	278	373	313	250	Electronic	SWAC	■	■	-	-
9.0P MLR												
244	327	1800	222	297	250	200	Electronic	JWAC	■	■	-	-
262	351	1800	238	319	249	200	Electronic	TAAC	-	■	-	-
6.8X MLR												
215	288	1800	195	262	218	175	Electronic	SWAC	■	■	-	-
6.8P MLR												
142	190	1800	129	173	146	117	Electronic	JWAC	■	■	-	-
183	245	1800	166	223	188	150	Electronic	JWAC	■	■	-	-
6.8G MLR												
125	168	1800	115	154	124	99	Mechanical	T	EX	-	-	-
4.5P MLR												
121	162	1800	110	148	124	99	Electronic	JWAC	■	■	-	-
4.5G MLR												
50	67	1800	46	62	50	40	Mechanical	NA	EX	-	-	-
78	105	1800	71	95	80	64	Mechanical	T	EX	-	-	-
81	109	1800	74	99	81	65	Electronic	T	EX	■	-	-
4.5P ELR												
78	105	1800	71	95	76	61	Electronic	T	■	-	-	-
129	173	1800	117	157	126	101	Electronic	TAAC	■	-	-	-

NA = Naturally Aspirated // **T** = Turbocharged // **TAAC**=Turbocharged, Air-to-Air Aftercooled //
JWAC = Turbocharged, Jacket Water Aftercooled // **SWAC** = Turbocharged, Seawater Aftercooled //
SCAC = Turbocharged, Separate-Circuit Aftercooled

Specifications are subject to change.

RATED POWER *10% OVERLOAD*			PRIME POWER RATINGS				TECHNOLOGY		EMISSIONS			
kW	hp	rpm	kW	hp	kVA	kWe	Controls	Aspiration	IMO Tier II	EPA Tier 3	China Stage II	EU Stage V
JD18P MLR												
470	630	1500	427	573	504	404	Electronic	SCAC	■	-	-	-
JD14P MLR												
366	491	1500	333	447	375	300	Electronic	JWAC	■	-	-	-
9.0X MLR												
244	327	1500	222	297	250	200	Electronic	SWAC	■	■	-	-
9.0P MLR												
214	287	1500	195	261	219	175	Electronic	JWAC	■	-	■	-
6.8X MLR												
185	248	1500	168	226	188	150	Electronic	SWAC	■	-	-	-
6.8P MLR												
129	173	1500	117	157	133	106	Electronic	JWAC	EX	-	-	■
142	190	1500	129	173	146	117	Electronic	JWAC	EX	■	■	-
153	205	1500	139	187	160	125	Electronic	JWAC	■	■	■	-
6.8G MLR												
98	131	1500	89	119	102	82	Mechanical	T	EX	-	-	-
4.5P MLR												
98	131	1500	89	120	102	82	Electronic	JWAC	EX	■	■	■
4.5G MLR												
44	59	1500	40	54	45	36	Mechanical	NA	EX	-	-	-
63	84	1500	57	76	64	51	Mechanical	T	EX	-	-	-
67	90	1500	61	82	69	55	Electronic	T	EX	■	■	■

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Specifications are subject to change.

VARIABLE-SPEED

AUXILIARY ENGINES



John Deere engines are perfect for running vessel auxiliaries, such as pumps, winches, deck cranes, and hydraulics. They are available with radiator-cooled, dry-exhaust manifolds or with wet-exhaust manifolds in heat exchanger, keel-cooled, or radiator-cooled configurations.

VARIABLE-SPEED

AUXILIARY RATINGS

RATED POWER			TECHNOLOGY		EXHAUST MANIFOLD	EMISSIONS			
kW	hp	rpm	Controls	Aspiration	Type	IMO Tier II	EPA Tier 3	China Stage II	EU Stage V
JD18P MLR									
559	750	2100	Electronic	SCAC	Wet-exhaust	■	■	-	-
JD14P MLR									
410	550	2000	Electronic	JWAC	Wet-exhaust	■	■	-	-
9.0X MLR									
242	325	2000	Electronic	SWAC	Wet-exhaust	■	■	-	-
9.0X ILR									
280	375	2200	Electronic	TAAC	Dry-exhaust	■	■	-	-
9.0P MLR									
242	325	2000	Electronic	TAAC	Wet-exhaust	-	■	-	-
6.8X ILR									
187	251	2200	Electronic	TAAC	Dry-exhaust	■	■	-	-
4.5P ILR									
74	99	2200	Electronic	T	Dry-exhaust	■	■	-	-

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SCAC = Turbocharged, Separate-Circuit Aftercooled

Specifications are subject to change.

PARTS AND ACCESSORIES

MAINTENANCE PARTS

When you choose John Deere, you get the support of one of the strongest engine and equipment companies in the world. Our global support network has been established to help you complete your journey or your workday in comfort and confidence. With a wide selection of maintenance parts, your John Deere marine dealer or distributor has everything you need to keep your engine up and running.

EASY TO MAINTAIN

- Durable poly-vee belt drive for simplified maintenance
- Washable, dry-type air filters for quick, easy service
- Replaceable wet liners, precision-joint connecting rods/caps, and replaceable valve seats for easier rebuilding



RELIABLE ACCESSORIES

John Deere engine accessories match the performance and reliability of John Deere marine engines. Every John Deere accessory is specially designed to provide easy installation and seamless operation. This complete approach to marine power is one reason vessel owners and operators choose John Deere.

ELECTRONICS, INSTRUMENTATION, AND CONTROL KITS

John Deere electronic kits are engineered to work in harsh marine environments. Instrumentation is easy to read so you always know what is happening with your engine. Harnesses are designed with weatherproof connections and plug-and-play installation to save time and money.

- Gauges: tachometer, hour meter, voltmeter, engine oil temperature and pressure, transmission oil temperature and pressure, exhaust gas temperature, coolant temperature
- Easy-to-read backlit analog gauges and electronic information display with multi-language text



John Deere Fuel Filters

John Deere fuel filters have coated media that help keep water out, preventing rust and microbial growth that could contaminate your fuel and lead to reduced fuel economy.

PART #	DESCRIPTION	APPLICATION
DZ124761	Primary Fuel Filter, 10 micron	JD18P JD14X, JD14P
DZ124786	Final Fuel Filter, 4 micron	
RE527961	Kit, Primary and Final Fuel Filters, 10 and 2 micron	9.0X, 9.0P 6.8X, 6.8P 4.5X
RE62425	Primary Fuel Filter, 150 mm (6 in), 150 micron	6.8G 4.5G (Mechanical, Turbo)
RE62420	Final Fuel Filter, 150 mm (6 in), 5 micron	
RE521540	Primary Fuel Filter, 150 mm (6 in), 10 micron	4.5P 4.5G (Electronic)
RE503747	Final Fuel Filter, 71 mm (2.8 in), 5 micron	4.5G (Mechanical, Turbo)
RE521248	Primary Fuel Filter, 109 mm (4.3 in), 10 micron	4.5G (Naturally aspirated)
RE520842	Final Fuel Filter, 109 mm (4.3 in), 2 micron	



DZ124786
Final Fuel Filter, 4 micron



DZ124761
Primary Fuel Filter, 10 micron

John Deere Engine Oil

Reference the engine operator's manual, or contact your John Deere dealer about the right engine oil for your engine.

PART #	DESCRIPTION	SIZE
TY26661	Break-In™ Plus 10W-30	3.8 L (1 gal)
TY26663	Break-In Plus 10W-30	18.9 L (5 gal)
TY26800	Torq-Gard™ 15W-40	3.8 L (1 gal)
TY26801	Torq-Gard 15W-40	18.9 L (5 gal)
TY26802	Torq-Gard 15W-40	209 L (55 gal)
TY26673	Plus-50™ II 15W-40	3.8 L (1 gal)
TY26679	Plus-50 II 15W-40	18.9 L (5 gal)
TY26677	Plus-50 II 15W-40	113.5 L (30 gal)

Part numbers with TY prefixes apply to North America. Search ***shop.deere.com*** *for VC prefix equivalents that apply to Europe, Africa, and the Middle East.*



TY26800
Torq-Gard 15W-40



TY26679
Plus-50 II 15W-40

John Deere Oil Filters

Dirty oil will slow you down, leading to less productivity and shorter service intervals.

PART #	DESCRIPTION	APPLICATION
RE572785	Oil Filter	JD18P JD14X, JD14P
RE509672	Oil Filter (RH Service)	9.0X, 9.0P
DZ118156	Oil Filter (Front Service)	9.0X, 9.0P
RE504836	Oil Filter	6.8X, 6.8P, 6.8G* 4.5X, 4.5P, 4.5G*
DZ118286	Oil Filter	6.8G 4.5G*
	*Depending on engine configuration; see dealer for support.	

John Deere Antifreeze/Coolant

Cool-Gard™ II is a high-performance, long-life, heavy-duty antifreeze/coolant that protects against corrosion, deposits, and cavitation. Formulated for up to 6 years/6,000 hours* of high thermal and oxidation protection.

PART #	SIZE	DESCRIPTION
TY26573	3.8 L (1 gal)	Cool-Gard II Concentrate
TY26574	209 L (55 gal)	
TY26575	3.8 L (1 gal)	Cool-Gard II Pre-Mix
TY26576	9.5 L (2.5 gal)	
TY26577	209 L (55 gal)	
TY26578	1,249 L (330 gal tote)	
TY26605	—	Cool-Gard II Test Strips
TY26603	473 ML (16 fl oz)	Cool-Gard II Extender

*Part numbers with TY prefixes apply to North America. Search **shop.deere.com** for VC prefix equivalents that apply to Europe, Africa, and the Middle East.*



TY26573
Cool-Gard II, Concentrate

TY26575
Cool-Gard II, Pre-Mix

Rating applies when complete cooling system flush is performed prior to use.

Zinc Anode

Sacrificial zinc anodes protect your engine's heat exchanger and charge air cooler from galvanic corrosion, which is caused when dissimilar metals are connected electrically in seawater. John Deere recommends inspecting the anode every six months or 250 engine hours and replacing it if necessary. See your operator's manual for more information.

PART #	DESCRIPTION	APPLICATION
RE54993	Fitting Plug with Zinc Anode	All models



RE54993
Fitting Plug with Zinc Anode

Fluid Analysis Kits

When used regularly, John Deere fluid analysis kits provide early warning of any changes in the engine or other equipment that may require service.

PART #	DESCRIPTION	APPLICATION
AT346594	Oil Analysis Kit	All models
TY26873	Coolant Analysis Kit	
AT180344	Fuel Analysis Kit	



AT346594
Oil Analysis Kit

Air Cleaner Filters

Optimize engine performance with genuine John Deere air filters.

PART #	DESCRIPTION	APPLICATION
DZ134439	Air Filter Element	JD18P JD14X, JD14P
RE530205	Air Filter - Propulsion	9.0X, 9.0P
RE527920	Air Filter - Gen Drive	9.0X, 9.0P
RE527920	Air Filter Element	6.8X, 6.8P
DZ114029	Air Filter Element	4.5X
RE554812	Air Filter Element	4.5P

Closed Crankcase Ventilation Filters

Minimize oil consumption and enhance engine efficiency.

PART #	DESCRIPTION	APPLICATION
DZ134426	CCV Filter Element	JD18P JD14X, JD14P
RE530346	CCV Filter Element	9.0X, 9.0P
RE502284	CCV Filter Element	6.8X, 6.8P
DZ107801	CCV Filter Element	4.5X
RE502284	CCV Filter Element	4.5P



RE530346
CCV Filter Element

Seawater Pump Repair Kits

Genuine John Deere parts extend the life of your pump.

PART #	DESCRIPTION	APPLICATION
DZ138122	Pump Rebuild Kit - Minor	JD18P JD14X, JD14P
DZ138123	Pump Rebuild Kit - Major	
DZ108622	Impeller Kit	9.0X, 9.0P 6.8X
DZ108623	Pump Rebuild Kit - Minor	
DZ108624	Pump Rebuild Kit - Major	
RE49896	Impeller Kit	6.8P 4.5X, 4.5P
RE540391	Pump Rebuild Kit - Major	

DZ108622
Impeller Kit



Air Cleaner Kits

Matched to your engine's airflow needs, John Deere washable air filters ensure that your engine is getting adequate clean air for maximum performance and long service life. Filters are easily cleaned with power sprayers or commercial parts washers.

PART #	DESCRIPTION	APPLICATION
RE502014	**Washable Air Filter, 101.6 mm (4 in)**	6.8G 4.5G
RE528296	**Washable Air Filter, 76 mm (3 in)**	
RE505642	**Washable Air Filter, 50.8 mm (2 in)** For use with option 1709.	4.5G
RE46837	**Disposable Air Filter, 50.8 mm (2 in)**	
RE504585	**Filter Cleaning Kit** Cleaning solution for all washable air cleaners.	



RE528296
Washable Air Filter



RE46837
Disposable Air Filter



RE504585
Filter Cleaning Kit

Auxiliary Drive Gear Kits

John Deere marine engines offer engine-mounted auxiliary drives in many combinations to meet your needs. These auxiliary drives are great for running hydraulic pumps, steering pumps, compressors, and other accessories. Consult your engine option code for current configuration. Use the kits below to add or convert an auxiliary drive gear to meet your needs.

	FRONT FACING AUX DRIVES				REAR FACING AUX DRIVES				
SAE	A	B	B-B	C	A	B	B OFFSET	B-B	C
JD18P MLR	-	F	D	-	-	-	-	-	-
JD14X MLR	F	F	D	D	-	-	-	-	D
JD14P MLR	F	F	D	D	-	-	-	-	D
9.0X MLR	F	-	-	-	-	-	-	-	-
9.0P MLR	F	-	-	-	F*	F*	-	-	-
6.8X MLR	-	-	-	-	-	-	-	-	-
6.8P MLR	-	-	-	-	F*	F*	-	-	-
6.8G MLR	-	-	-	-	F*	F*	F*	-	-
4.5X MLR	-	-	-	-	-	-	-	-	-
4.5P MLR	-	-	-	-	F*	F*	F*	-	-
4.5G MLR	-	-	-	-	F*	F*	F*	-	-

F = Factory Order on Engine
D = Dealer/Distributor Installed
- = Not Available on Engine Model
***** = Keel-Cooled Engine Models Only



Cooling System Kits

John Deere cooling system kits are designed to integrate the engine with your vessel needs.

PART #	DESCRIPTION	APPLICATION
AT162597	**Coolant Overflow Bottle** 3.78 L (4 qt)	ALL models
RE46165	**Filler Neck Assembly** Can be used when fabricating an auxiliary expansion tank.	
R133448	**Top Tank Filler Neck Adapter Flange** To convert radiator cap connection to an auxiliary expansion tank connection. Requires welding hose bib onto adapter.	



AT162597
Coolant Overflow Bottle



R133448
Top Tank Filler Neck Adapter Flange



RE46165
Filler Neck Assembly

Exhaust System Kits

Properly route exhaust gas to your vessel's exhaust system with genuine John Deere exhaust system kits.

PART #	DESCRIPTION	APPLICATION
RE58443	**Straight Exhaust Adapter** 15.24 cm (6 in) long with 8.89 cm (3.5 in) OD exhaust outlet. Comes with Marmon flange clamp.	9.0X, 9.0P 6.8X, 6.8P, 6.8G 4.5X, 4.5P, 4.5G
T151881	**Exhaust Elbow Gasket for Dry Elbow Flange**	



RE58443
Straight Exhaust Adapter

Closed Crankcase Ventilation Kits

Keep engine rooms free of crankcase gases and ensure clean closed crankcase ventilation (CCV) with matched John Deere CCV kits.

PART #	DESCRIPTION	APPLICATION
RE532962	**Closed Crankcase Ventilation Kit**	6.8G 4.5G

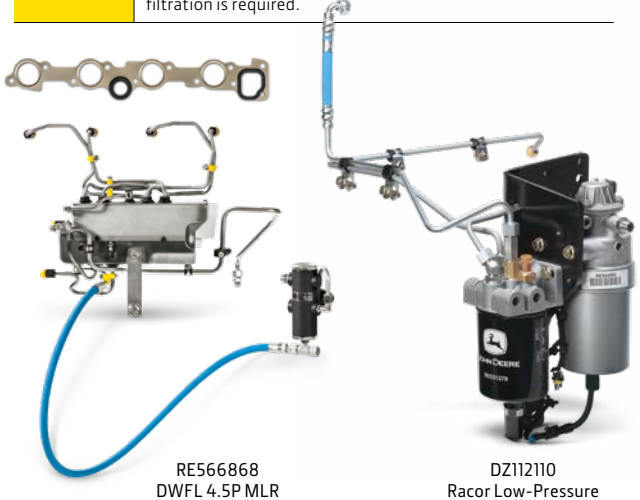


RE532962
Closed Crankcase Ventilation Kit

Fuel and Oil System Kits

For vessels that need to meet stringent requirements, such as type approval, John Deere offers double-wall fuel line (DWFL) kits, duplex filtration, and metal parts kits for fuel and oil systems.

PART #	DESCRIPTION/ APPLICATION
DZ136622	**DWFL JD18P**
DZ136592	**DWFL JD14X, JD14P**
RE572105	**DWFL 9.0X, 9.0P**
DZ10257	**DWFL 6.8X, 6.8P**
RE566868	**DWFL 4.5X, 4.5P** 4.5P MLR requires installation of Racor low-pressure fuel system DZ112110 or DZ112111.
RE566864	**DWFL 4.5G**
DZ112110	**Racor Low-Pressure Fuel System, 12-volt**
DZ112111	**Racor Low-Pressure Fuel System, 24-volt**
	Optional fuel system for 4.5P MLR engines where Marine Classification Society approval is required or when duplex filtration is required.



RE566868
DWFL 4.5P MLR

DZ112110
Racor Low-Pressure
Fuel System, 12-volt

PART #	DESCRIPTION	APPLICATION
DZ130602	**Duplex Fuel Filter Kit** Use on 4.5P MLR requires installation of Racor low-pressure fuel system DZ112110 or DZ112111. Use of duplex fuel filter kit on JD18P MLR, JD14X MLR, and JD14P MLR requires adapter DZ137534.	**JD14X, JD14P** **9.0X, 9.0P** **6.8X, 6.8P** **4.5X, 4.5P**
DZ137534	**Duplex Fuel Filter Adapter Kit**	**JD18P** **JD14X, JD14P**
RE569330	**Metal Fuel System Kit** For use when required in classed and inspected vessels.	**6.8G** **4.5G**
RE564160	**Metal WIF Sensor** For use when required in classed and inspected vessels.	**JD18P** **JD14X, JD14P** **9.0X, 9.0P** **6.8X, 6.8P** **4.5X, 4.5P**
AR104650	**Fuel Return Line**	**6.8X, 6.8P** **4.5X, 4.5P, 4.5G**
RE554935	**Metal Oil Filter Cap** For use when required in classed and inspected vessels.	**9.0X, 9.0P**



RE569330
Metal Fuel System Kit



RE564160
Metal WIF Sensor



RE554935
Metal Oil Filter Cap

Insulation Blanket Kits

Keep surface temperatures down and meet classification requirements with John Deere exhaust insulation blanket kits.

PART #	DESCRIPTION	APPLICATION
DZ136605	Insulation Blanket Kit	JD18P JD14X, JD14P
DZ117209	Insulation Blanket Kit	9.0X, 9.0P
RE538833	Insulation Blanket Kit	6.8X, 6.8P
RE567315	Insulation Blanket Kit	4.5P
RE567214	Insulation Blanket Kit	4.5G (Turbocharged, Electronic)
RE527644	Insulation Blanket Kit	4.5G (Naturally aspirated)



RE567315
Insulation Blanket Kit

Marine Instrumentation Systems

Instrumentation is easy to read, so you always know what is happening with your engine.

PART #	DESCRIPTION	APPLICATION
DZ119769	DG14 Display Must be installed with DG14 Retrofit Harness DZ1017719 when replacing a PV101.	JD18P JD14X, JD14P 9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P, 4.5G
DZ135283	Main Station Panel, 12-volt and 24-volt With John Deere Connected Support	JD18P JD14X, JD14P 9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P, 4.5G
DZ103857	Remote Station Panel, 12-volt and 24-volt	
DZ113021	Mini-Main Station Panel Kit	JD18P JD14X, JD14P 9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P
DZ113022	Mini-Remote Station Panel Kit	
RE555894*	Instrument Panel, Main Station 12-volt	6.8G 4.5G
RE555897*	Instrument Panel, Main Station 24-volt	
RE555893*	Instrument Panel, Flybridge 12-volt	6.8G 4.5G
RE555896*	Instrument Panel, Flybridge 24-volt Includes "Y" harness and twin-station gauge senders.	

Compatible with legacy wire harness design.



DZ135283
Main Station Panel,
12-volt and 24-volt



DZ103857
Remote Station Panel,
12-volt and 24-volt

Universal Electronic Accessories

PART #	DESCRIPTION	APPLICATION
AT157679	**Transient Voltage Protection (TVP), 12-volt** Used on systems without alternators.	JD18P JD14X, JD14P 9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P, 4.5G
AT163022	**Transient Voltage Protection (TVP), 24-volt** Used on systems without alternators.	
RE52665	**Kickback Start and Transfer Pump Relay, 12-volt**	
RE505214	**Kickback Start and Transfer Pump Relay, 24-volt**	
RE503963	**Marine Analog Throttle**	
DZ104169	**Power Relay Module, 12-volt**	
DZ104170	**Power Relay Module, 24-volt**	



DZ104169
Power Relay Module, 12-volt



RE503963
Marine Analog Throttle

Optional Gauges and Sensors

PART #	DESCRIPTION	APPLICATION
DZ104197	**Coolant Level Sensor** Can screw into any of the top tanks that are sensor-ready. Also comes with both steel and aluminum bungs that can be welded into the steel or aluminum tanks.	JD18P JD14X, JD14P 9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P, 4.5G
DZ104193	**Exhaust Gas Temperature Sensor Kit**	
RE537637	**Transmission Temperature Sensor**	
RE581543	**Transmission Pressure Sensor**	
DZ108503	**Exhaust Temperature Gauge, 51 mm (2 in)**	
DZ108504	**Gear Oil Pressure Gauge, 51 mm (2 in)**	
DZ108505	**Gear Oil Temperature Gauge, 51 mm (2 in)**	
DZ114406	**Propulsion Sensor and Gauges Kit** Includes sensors and gauges to measure transmission fluid temperature, transmission fluid pressure, and exhaust gas temperature.	
DZ108502	**Percent Load Gauge, 51 mm (2 in)**	
DZ108506	**CAN and Analog Fuel Level Gauge, 51 mm (2 in)**	



DZ108502
Percent Load Gauge, 51 mm (2 in)



DZ108503
Exhaust Temperature Gauge, 51 mm (2 in)



DZ108504
Gear Oil Pressure Gauge, 51 mm (2 in)



DZ108505
Gear Oil Temperature Gauge, 51 mm (2 in)



DZ108506
CAN and Analog Fuel Level Gauge, 51 mm (2 in)



RE537637
Transmission Temperature Sensor

Legacy Wire Harnesses

PART #	DESCRIPTION	APPLICATION
DZ101719	**DG14 Retrofit Harness** Allows the installation of a DG14 in place of a PV101.	9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P, 4.5G
RE502828	**Engine Wiring Harness, 12-volt**	6.8G 4.5G (Mechanical)
RE502829	**Engine Wiring Harness, 24-volt**	
RE50498	**Extension Harness, Engine-to-Instrument Panel, 6 m (20 ft)**	6.8G 4.5G (Mechanical)
RE50499	**Extension Harness, Engine-to-Instrument Panel, 9 m (30 ft)**	
RE504936	**Wiring Extension Kit, 3 m (10 ft)**	6.8G 4.5G (Mechanical)
RE504937	**Wiring Extension Kit, 9 m (30 ft)** Main panel to flybridge panel (for use only with RE549094 and RE549485 panels).	
RE503687	**Transition Harness to Main Station Extension Harness, 3 m (10 ft)**	9.0X, 9.0P 6.8X, 6.8P 4.5P, 4.5G
RE503688	**Transition Harness to Main Station Extension Harness, 9 m (30 ft)**	
RE534576	**Transition Harness, Engine to Main Station, 12-volt, 6 m (20 ft)**	
RE534577	**Transition Harness, Engine to Main Station, 24-volt, 6 m (20 ft)** Replaces RE522728.	
RE534578	**Transition Harness, Engine to Main Station, 12-volt, 12 m (39 ft)**	
RE534579	**Transition Harness, Engine to Main Station, 24-volt, 12 m (39 ft)**	
RE543998	**Transition Harness, Engine to Main Station, 12-volt, 2 m (6 ft)**	
RE543999	**Transition Harness, Engine to Main Station, 24-volt, 2 m (6 ft)**	



RE543998
Transition Harness, Engine to Main Station, 12-volt, 2 m (6 ft)

Generation II Wire Harnesses

PART #	DESCRIPTION	APPLICATION
DZ103938	**Retrofit Main Panel Harness** Allows the installation of the Generation II Marine panels with legacy electronics.	9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P, 4.5G
DZ103869	**Panel Interconnect Harness, 4.5 m (15 ft)**	JD18P JD14X, JD14P 9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P, 4.5G
DZ103868	**Panel Interconnect Harness, 9 m (30 ft)**	
DZ103870	**Panel Interconnect Harness (Cut-to-length), 30.5 m (100 ft)**	
DZ135281	**Engine to ECU Interconnect Harness Kit, 1 m (3 ft)**	9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P
DZ135282	**Engine to ECU Interconnect Harness Kit, 3 m (10 ft)** Gen II M. E. with John Deere Connected Support	
DZ111685	**ECU to Panel Interconnect Harness, 1.5 m (5 ft)**	JD18P JD14X, JD14P 9.0X, 9.0P 6.8X, 6.8P 4.5X, 4.5P
DZ111686	**ECU to Panel Interconnect Harness, 4.5 m (15 ft)**	
DZ111687	**ECU to Panel Interconnect Harness, 9 m (30 ft)**	
DZ111688	**ECU to Panel Interconnect Harness, 15 m (50 ft)**	
DZ111689	**ECU to Panel Interconnect Harness, (Cut-to-length), 35 m (115 ft)**	
DZ107498	**Generator Drive Adapter Harness**	



DZ107498
Generator Drive Adapter Harness



DZ103938
Retrofit Main Panel Harness



DZ111685
ECU to Main Station Interconnect Harness, 1.5 m (5 ft)



DZ135281
Engine to ECU Interconnect Harness Kit, 1 m (3 ft)

John Deere Connected Support Retrofit Kit

Unlock proactive engine support to optimize uptime with John Deere Connected Support remote monitoring and diagnostics.*

John Deere Connected Support with JDLink™ is available on many John Deere engines, and it can be added to existing marine vessels that use John Deere electronic engines.

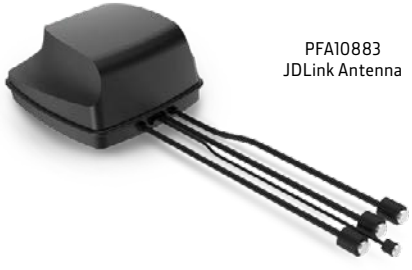
A satellite expansion module can also be installed so you remain connected even when you are on the water.

There are no subscription fees or ongoing expenses.

PART #	DESCRIPTION	APPLICATION
PFA12692	**JDLink R Modem** To support John Deere Connected Support.	**ALL models** (Electronic)
PFA10883	**JDLink Antenna, 8.5 m (28 ft)** Additional antenna lengths are available. Contact your dealer or distributor for details.	
DZ132264	**JDLink Interconnect Harness** Certain applications may require additional harnessing. Contact your dealer or distributor for guidance.	
	One modem, antenna, and harness needed per engine.	



PFA12692
JDLink R Modem



PFA10883
JDLink Antenna

**Contact your John Deere dealer or distributor for availability in certain countries and on specific engine models.*

SERVICE AND SUPPORT

YOU CAN RELY ON US

With installation assistance, standard and extended warranties, and an extensive worldwide parts and service network, John Deere provides ongoing support for the life of your engine.

Find your closest John Deere engine distributor or dealer at **JohnDeere.com/Dealer**.

Ask them about the parts you need, or visit **JohnDeere.com/EngineParts**.

WARRANTY SUPPORT WHEN YOU NEED IT

Every John Deere marine engine comes with a 2-year/2,000-hour standard warranty.* Registering your engine at **ProductRegistration.Deere.com** gives us the information needed to stock the right service parts, maintenance products, and servicing tools.‡



Look up details in the John Deere Equipment Mobile app

Retrieve serial-specific information for your John Deere engine. Just scan or enter your engine serial number in the free John Deere Equipment Mobile app to access option codes, manuals, and ECU information.

Don't have a mobile device? Go to **JohnDeere.com/EngineSupport** and sign in to the engine information search database.

**When sold and installed by John Deere or its authorized dealers and distributors.*
‡See specific OEM product warranty language for applicable terms and conditions.
Note: The 2-year/2,000-hour standard warranty and OEM engine registration may not be available in all countries.



SERVICE AND SUPPORT

JOHN DEERE CONNECTED SUPPORT

Stay Connected to What Counts

Unlock proactive engine support and help avoid unplanned downtime with John Deere Connected Support remote monitoring and diagnostics.* This technology allows John Deere dealers and distributors to help maximize the customer experience and support engines remotely.

POWERGARD™ PROTECTION PLAN

Extend Your Engine Warranty

Avoid unexpected repair costs with the protection of a John Deere PowerGard Protection Plan — up to five years or 5,000 hours for marine engines through M5 power ratings.* Our extended warranty plans protect the engine as well as components and accessories installed by an authorized John Deere dealer or distributor.

OEM ENGINE MAINTENANCE PLANS

Protection That Lasts

Whether you have a new or used John Deere marine engine, you can get peace of mind, protect your investment, and lock in your maintenance costs.

**Contact your John Deere dealer or distributor for availability in certain countries and on specific engine models.*



Engine registration

Ready to unlock the benefits of the John Deere Lifecycle Service Solution? To get started, you'll need to register your John Deere engine by scanning the QR code found on your engine's primary fuel filter, fuel filter housing, or oil filter.

You can also visit **ProductRegistration.Deere.com** and enter your serial number manually to register your engine.



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JohnDeere.com/JDPower