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# MAN Maintenance

Proper maintenance is critical for any engine, and it's especially pivotal for marine diesel engines. Routine maintenance helps keep engines running smoothly while troubleshooting potentially catastrophic engine failures. When you are in search of expert [MAN engine maintenance in Miami](#), South Florida, or Florida's Gulf Coast, you can count on our services at Marine Diesel Specialists and Gulf Coast Diesel Service. With two locations, we're able to provide authorized service and OEM parts for your engine. Quality maintenance is the key to a reliable engine.

## Factory Authorized Expertise

Our teams at Marine Diesel Specialists and Gulf Coast Diesel Service are factory-trained for expert maintenance and service. Both locations are authorized dealers for OEM MAN parts. Our Gulf Coast Diesel Service team carries additional authorized dealership distinction for ZF Transmissions and Kohler Generators, with OEM parts and full system sales. Whether you are searching for MAN engine maintenance in Fort Lauderdale, Miami, Tampa, Punta Gorda, or elsewhere, you can count on our teams at Marine Diesel Specialists and Gulf Coast Diesel Service.

## The Right Maintenance for Your Engine

At Marine Diesel Specialists and Gulf Coast Diesel Service, we offer maintenance schedules tailored to your vessel. There are schedules based on operating hours, chronological intervals, and a combination of the two. These services are trusted for [MAN engine maintenance in Tampa](#), Miami, and everywhere in between. Service types include, but are not limited to, the following:

- M1 Checking
- M2 Cleaning
- M3 Changing

- M4 Changing
- M5 Checking/Setting
- M6 Trial Run
- A1 Changing
- Cleaning
- A2 Changing

All above services are best performed by a MAN authorized service center. Both our facilities are MAN authorized service centers and distributors. We use OEM MAN parts for all services, repairs, and maintenance procedures. With authorized OEM parts and factory-trained teams, our engine maintenance services are second to none.

## Professional Service for Troubleshooting

As with smaller engines, proper maintenance can make all the difference in the performance reliability of your marine diesel engine and related systems. At Marine Diesel Specialists and Gulf Coast Diesel Service, we believe that proper MAN engine maintenance is crucial. Proper maintenance from our factory-trained experts can help ensure that your systems in Tampa, Naples, Miami, Fort Lauderdale and surrounding cities run as efficiently and flawlessly as possible.

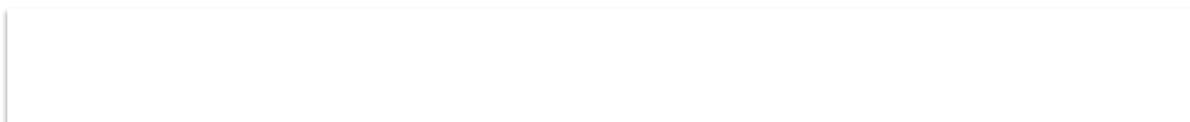
In addition to providing maintenance at the recommended intervals, we can also offer troubleshooting to address issues before they progress into major engine troubles. Our teams at both Florida coastal locations can handle troubleshooting, maintenance, repowers, repairs, and much more.

## Quality Customer Service

Our company was founded on the idea that expert service isn't enough to be the very best in the marine diesel industry. Quality customer service is just as crucial as technical expertise. Our teams at Marine Diesel Specialists and Gulf Coast Diesel Service focus on top-quality customer service and expert engine care. We look forward to assisting with your MAN engine maintenance.

## Maintenance Schedule

Service based on operating hours



After ... hours of operation	M1	M2	M3	M4	M5	M6
20-60 or after commissioning	X	X				X
200	X	X	X			X
400*	X	X	X	X	X	X
600	X	X	X			X
800	X	X	X	X	X	X
1000	X	X	X			X
1200	X	X	X	X		X
1400	X	X	X			X
1600	X	X	X	X	X	X
1800	X	X	X			X
2000	X	X	X	X		X
2200	X	X	X			X
2400	X	X	X	X	X	X
2600	X	X	X			X
2800	X	X	X	X		X
3000	X	X	X			X
3200	X	X	X	X	X	X
3400	X	X	X			X
3600	X	X	X	X		X
3800	X	X	X			X
4000	X	X	X	X	X	X
After ... hours of operation	M1	M2	M3	M4	M5	M6

\* Retighten cylinder head bolts

The following work is necessary at chronological intervals regardless of hours clocked:

Interval	M1	M2	M3	M4	A1	A2	M6
Interval	M1	M2	M3	M4	A1	A2	M6

Interval	M1	M2	M3	M4	A1	A2	M6
Yearly	X	X	X	X			X
2 Years					X		X
4 years						X	X
Interval	M1	M2	M3	M4	A1	A2	M6

## Service Types

### M1 Checking

- Engine exterior for loss of oil and coolant \*1)
- Coolant level
- Concentration of antifreeze / anti-corrosion agents
- Engine oil level / gearbox oil level \*1)
- Engine alarms
- Functioning of instruments \*1)
- Coolant hoses for leaks
- Fuel lines for leaks
- V-belt tension, retightening, if necessary, V-belts
- Condition of impeller
- Water hose clamps, pipe connections and bolts for security, retightening, if necessary
- Alignment of the shaft system (In the event of abnormal vibrations, since the elastic engine mounts may have settled.)

### M2 Cleaning

- Fuel pre-filter
- Draining water from auxiliary fuel filter

### M3 Changing

- Fuel filter cartridges \*3)

### M4 Changing

- Engine oil
- Engine oil filter cartridge
- Filter element of crankcase breather
- Air filter

## **M5 Checking / Setting**

- Valve clearance

## **M6 Trial Run**

- Engine speed test with boat under full load \*3)

## **A1 Changing**

- Both valve caps on expansion tank

## **Cleaning**

- Intercooler / charge-air pipes / turbocharger
- Heat exchanger (pipe cluster)

## **A2 Changing**

- Coolant
- All hoses (e.g. fuel supply and return lines, gearbox oil cooler)

\*1) Daily visual checks should be carried out by the captain

\*2) Fuel filters will need changing more frequently if contamination is present in the fuel system

\*3) Full load = Water and fuel tanks are filled, boat equipment complete, including dinghy

When the respective number of operating hours has been reached, the maintenance work M1 to M6 is to be carried out by a MAN-authorized service center.

Jobs A1 and A2 must be performed, at the intervals listed above, regardless of the operating hours.