TERRA NAUTICA
THE BOAT PLACE S.L.

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Service on Mercruiser 5.0MPI Alpha 1

Run the engine up to temperature
Check operation of thermostat
Check for water/oil/fuel/exhaust leakage around the engine and transmission
Check idle RPM
Check air filter
Check for abnormal engine/transmission sounds
Check operation of emergency lanyard
Check all instrument panel functions
Connect up diagnostic computer and check for error codes
Check spark plugs
Check distributor cap and rotor
Visual check for any manifold leakage
Check tension and condition of belts
Check condition of all hoses and clamps
Check tightness of clamps on all water, fuel, exhaust, drive bellows and drain fittings
Check power steering and power trim function for levels and leakage
Check all cables and controls
Change engine oil, oil filter and fuel filter
Lubricate all grease fittings and linkages
Check/torque all engine mounts
Grease up gimbal bearing and pivot points where applicable
Check and grease battery connections
Restart engine on completion. Check oil pressure. Check for oil, fuel, water or exhaust leaks
Labour
Engine oil
Oil filter
Fuel filter
IAC muffler

To remove drive, remove prop, check drive alignment, grease splines. Check sacrifical anodes. Grease UJ joint and gimbal bearing. Check UJ bellows and exhaust bellows. Check all hydraulic pipes, rams and connections. Refit drive.
Change gear lube. Labour
Gear lube
Split drive and check water pump impeller
Water pump gaskets
Drive installation kit

It should be noted that in addition to the above:
1. Drive anodes may be required, subject to inspection.
2. UJ bellows should be changed every two years
3. Labour may be highter where there are specific engine access issues.
4. Parts prices may vary depending on engine number.
5. These prices may vary without notice and are subject to IVA

Spark plugs on this engine should be changed every three years though we visually check them each year and this is included in the figures above.