

Halyard Exhaust Systems - Service Recommendations:



Due to the fact that marine exhaust system metalwork is generally made of stainless steel it is often treated as “fit and forget”. Whilst, if correctly designed and manufactured, it should give many years of service it is still necessary to inspect your exhaust system periodically as cracking, pitting and corrosion, (normally from the inside out due to the very corrosive exhaust gas environment) can still occur. If a failure does occur it can result in severe contamination and damage to the boat interior or, if raw water runs back into the engine cylinders, significant engine damage. All other exhaust system components including silencers, separators, connectors, hoses, clamps, thermal jackets and supports should also be inspected for damage and security.

Safety and General Precautions:

All personnel working on the equipment should employ safe practices. Halyard (M&I) Limited will not be responsible for personal injury or damage to property resulting from careless use of hand tools, lifting equipment, power tools, or unaccepted maintenance or working practices.

Because of the possible danger to persons or property from accidents that may result from the use of machinery, proper installation, maintenance, and operating procedures must be followed. Halyard (M&I) Limited will not be responsible for personal injury resulting from careless working practices.

All personnel working on the equipment should inspect as necessary to assure safe operations under prevailing conditions. The appropriate Personal Protective Equipment (PPE), proper guards and other devices that may be specified in safety codes should be used. This equipment is neither provided by nor is it the responsibility of Halyard (M&I) Limited.

Before carrying out any work on an exhaust system ensure the engine and exhaust are cool and that outlets are well above the waterline and any applicable valves are closed.

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Recommended Inspections:

Monthly / every 20 engine hours:

- Visually inspect the system for water leaks, corrosion, pitting or cracks
- Check for any sign of leakage of exhaust gasses including where the exhaust riser joins the turbo / exhaust manifold
- Check security of supports (if fitted)
- Visually inspect thermal jackets (if fitted)
- Visually inspect hose clamps, hoses, and transom outlets
- Check transom outlet flappers (if fitted) are free to fully open and close

Annually:

- Remove and inspect thermal jackets (if fitted)
- Inspect the full system for water leaks, corrosion, pitting or cracks
- Check for any sign of leakage of exhaust gas including where the exhaust riser joins the turbo / exhaust manifold
- Inspect all hoses for thermal damage, splits, delamination, or abrasion damage
- Check tightness of all fasteners
- Check security of supports if fitted
- Check transom outlet flappers (if fitted) are free to fully open and close

Every 5-Years:

- Inspect the system to check for water leaks, corrosion, pitting or cracks
- Check for any sign of exhaust gas leakage including where the exhaust riser joins the turbo / exhaust manifold
- Remove and inspect thermal jackets (if fitted)
- Remove the riser and sprayhead, clean and inspect inside and out for corrosion, pitting or cracks
- Remove the hoses, clean and inspect inside and out for thermal damage, splits, delamination or abrasion damage
- Check condition of supports (if fitted)
- Check transom outlets for security, corrosion, pitting or cracks and check flappers (if fitted) are free to fully open and close
- Refit the exhaust system using new gaskets and replacing any worn or damaged components and replace and set supports (if fitted)
- Run engine to operating temperature and check for leaks and security

For further information please contact Halyard or your local Halyard representative.

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