

Installation Options – Required & Optional

There are several rules that are required for configuring consists from the Basic Information. Configuration rules are the key requirements that have been established selecting consists, which includes the following information:

1. Direct Rack Option is only specified for Marine Auxiliary, Petroleum Auxiliary or EP
2. Throttle Position Feedback Option is specified only for Marine Propulsion.
3. Load Reference Feedback Option can be selected for Marine Propulsion if an electronic governor is currently installed. This option will also be specified for Marine Auxiliary, Petroleum Auxiliary and EP.
4. Controller ECM Software part number selection depends upon application and engine speed. The software must be downloaded from SIS and flashed into the ECM.
5. LH Service side of engine with RH mounted MMS or ECP junction box will require changing the mounting brackets in order to provide clearance for the EUI Circuit & Thermocouple Rails.
6. RH Service side of the D3612 and D3616 with LH mounted MMS or ECP junction box will require changing the mounting brackets in order to provide clearance for the EUI Circuit & Thermocouple Rails.
7. Several options are available for cylinder heads to modify for new injector clamp. A new cylinder head is available, a rework procedure is published or REMAN cylinder head is available. On caution to note is that IMO Certified Engines cannot use REMAN cylinder heads unless they are installed in an ABS Classified Vessel. Part numbers are critical since cyclic heads are required for Marine Propulsion applications while all of the other applications use a non-cyclic head.
8. The new EUI & Thermocouple rail requires the 2-pin thermocouple to be used. If the thermocouple specified in the input does not match the required thermocouple, they must replace with the thermocouple specified in the software reference material.
9. Turbine Air starters are required consists based on the rotation of the engine. This requirement improves start-ability of the engine. The required starters are in the starter reference material. Increase air volume may be required with the new starters.
10. The Rocker Arm Support must be changed if the engine was built before the serial numbers list in the software reference information. This support provides clearance for the EUI Injector clamp.
11. Marine Propulsion Conversion Arrangements cannot be used for any other application. Marine Auxiliary Conversion Arrangement will be used for Petroleum Auxiliary and EP.

