The Network ENGINE has been developed to operate with General Motor's advanced Engine Control Module (ECM) electronic fuel injected (EFI) inboard and I/O engines. GM EFI engines are offered by several different marine engine builders in varying configurations, however the following wiring instructions should apply to most ECM equipped units. **Please read all of the following instructions before connecting the Network ENGINE.**
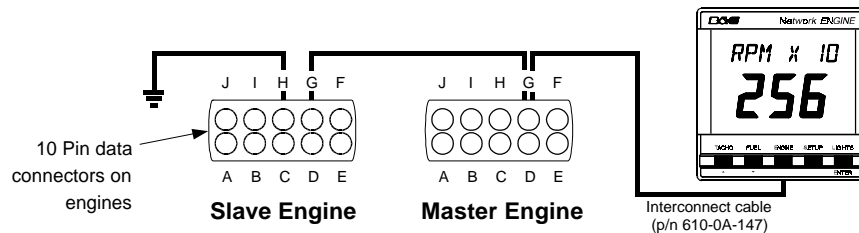
Single Engine Connection - Applies to boats with a single inboard or I/O.
1   Connect the red wire in the Engine Interconnect cable (p/n 610-0A-147) to pin G (Orange w/Black stripe wire) on the 10-pin data connector on the engine.
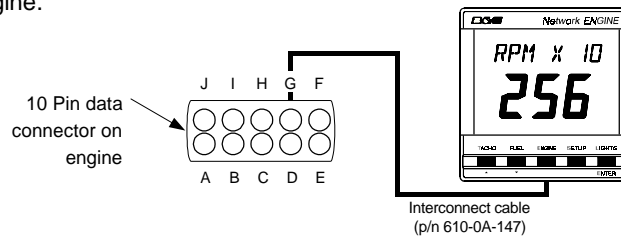

Twin Engine Connection w/o Datalink - Applies to boats with two inboard or I/O engines not fitted with 3-pin datalink connectors.
1   Connect a jumper wire from Pin G to Pin G (Orange w/Black stripe wire) of the 10-pin data connectors on each engine.
2   Select which engine is the Slave by connecting a wire from Pin H (Yellow wire) of the 10-pin data connector to ground.
3   Connect the red wire in the Engine Interconnect cable (p/n 610-0A-147) to pin G on the 10-pin data connector on the Master engine.

Twin Engine Connection with Datalink - Applies to boats with two inboard or I/O engines with a datalink connection between them . The 3-pin datalink connectors are usually located above the starter on each engine.
1   Select which engine is the Slave by connecting a wire from Pin B (Yellow wire) to Pin C (Black wire) on the 3-pin datalink connector located above the starter.
2   Connect a jumper wire from Pin A to Pin A (Orange w/Black stripe wire) of the 3-pin datalink connectors on each engine.
3   Connect the red wire in the Engine Interconnect cable (p/n 610-0A-147) to pin G on the 10-pin data connector on the Master engine.
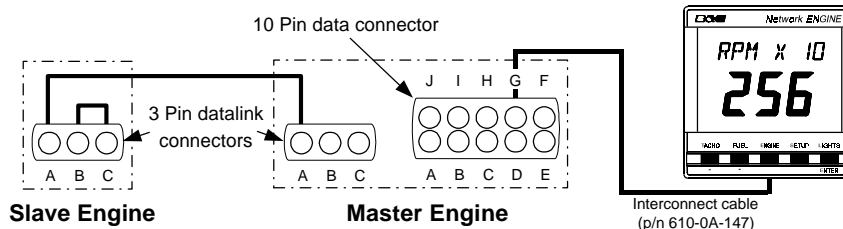
Additional Notes
1   Jumper and ground connections should be made with 16 guage marine grade wire suitable for engine applications.
2   Some EFI engines may only be fitted with the 3-pin datalink connectors. For twin engines connect the datalink connectors as in the "Twin Engine Connection with Datalink" instructions above. The Red wire in the Interconnect cable will then be connected to Pin A of the datalink connector on the Master engine. In the case of a single engine installation the Red wire in the interconnect cable will be connected to Pin A of the datalink connector. No other connections are required.
3   Some EFI engines do not have a yellow wire connected to Pin H of the 10-pin data connector and are not fitted with 3-Pin datalink connectors. In those cases the yellow wire can usually be found by tracing the data connector's wire harness back to the ECM where a short yellow wire will be bundled, unterminated in the harness. The yellow wire must be connected to ground on the Slave Engine in twin engine installations.
4   If your engines do not match any of the configurations shown above contact the engine's builder to determine the proper wiring requirements. **Incorrect wiring can cause damage to the Network ENGINE and/or the ECM.** Damage caused by incorrect wiring is not covered under warranty.