

CONTROLLER AREA NETWORK (CAN)

GENERAL

SYSTEM DESCRIPTION

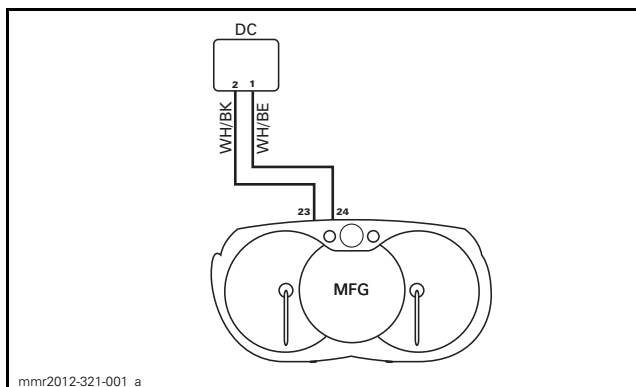
The CAN protocol is an ISO standard for serial data communication. .

CAN lines consist of a twisted pair of wires that form a communication network (CAN bus). All modules or components connected to CAN bus are in constant communication with each other (as applicable).

550F Models

The CAN network is comprised of the:

- Gauge
- Diagnostic connector
- CAN bus.



TYPICAL - 550F

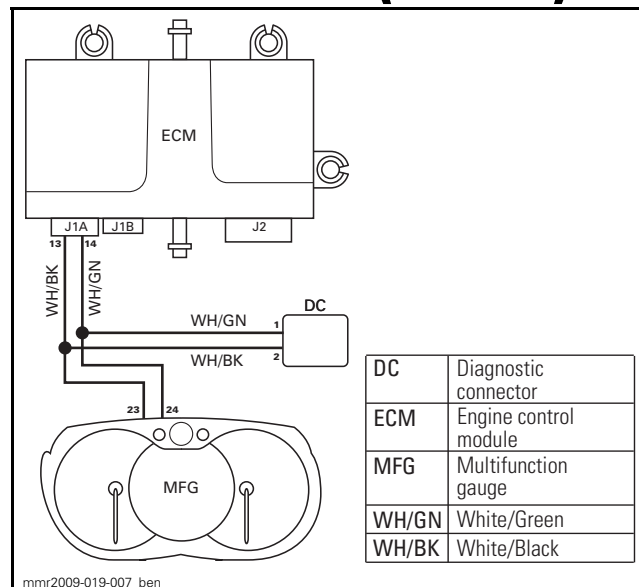
1. WH/BE: WHITE/BEIGE
2. WH/BK: WHITE/BLACK
3. MFG (multifunction gauge)
4. DC (diagnostic connector)

This CAN network is only used for communicating with the gauge using B.U.D.S.

600 HO E-TEC and 600 ACE Models

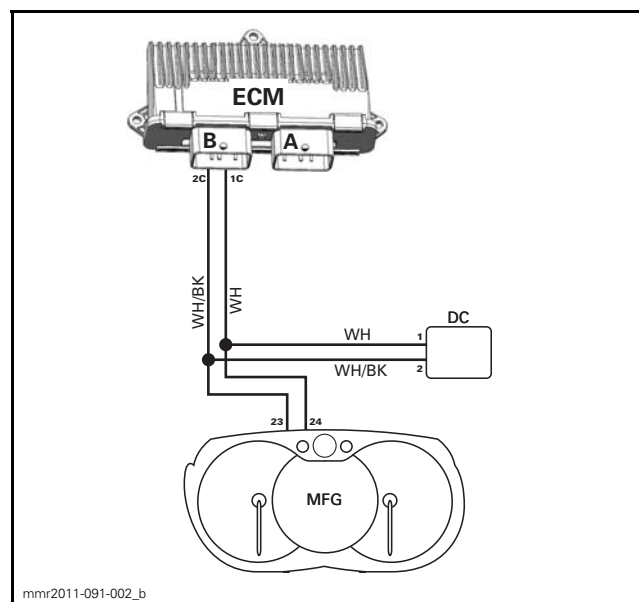
The network is comprised of the:

- ECM
- Gauge
- Diagnostic connector
- CAN bus.



TYPICAL - 600 HO E-TEC

1. WH/GN: WHITE/GREEN
2. WH/BK: WHITE/BLACK
3. MFG (multifunction gauge)
4. ECM (electronic control module)
5. DC (diagnostic connector)



TYPICAL - 600 ACE

- WH: WHITE
WH/BK: WHITE/BLACK
MFG (multifunction gauge)
ECM (electronic control module)
DC (diagnostic connector)

NOTE: Fault codes are broadcast through the CAN bus and can be displayed in B.U.D.S..