CAN-2-CAN Gateway

Default N2k Output Data Set

- RPM – 10Hz Rapid Updates
- Boost / Vac – 10Hz Rapid Updates
- Drive Trim Level – 10Hz Rapid Updates
- Fuel Pressure - 1Hz Updates
- Fuel Flow Rate / GPH - 1Hz Updates
- Coolant Temp - 1Hz Updates
- Oil Pressure - 1Hz Updates
- TPS / Engine Load - 1Hz Updates
- Alternator Voltage - 1Hz Updates
- Water Pressure - 1Hz Updates
- Oil Temp - 1Hz Updates
- Other ECM/TCM Parameters Optional

Selectable DIP Switch Settings

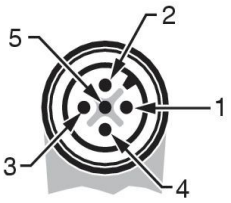
- By default all switches are set to OFF.

Dip #

1. N2k Bus Resistor 120ohm
2. N2k Bus Resistor 120ohm
3. HEFI Bus Resistor 120ohm
4. HEFI Bus Resistor 120ohm
5. Flash Update Mode
6. Reserved
7. N2k Data Simulation Mode
8. Engine Instance [0 / 1]

N2k Connector

(1) Shield
(2) Power V+
(3) Power V-
(4) CAN-H
(5) CAN-L



Male DeviceNet M12-5

Engine Side Pigtail

(1) Shield [Unused]
(2) Power V+ [Unused]
(3) Power V- [Unused]
(4) Black = CAN-H
(5) Gray = CAN-L

Gateway Installation Notes:

- Typical 2-wire CAN networks must contain two 120ohm resistors, acting as loop terminators.
- The gateway contains switchable 120ohm resistors that can replace one or both in-line terminators where needed. Improperly terminated networks may produce data errors.
- Switching Data Simulation [DIP# 7] to ON allows testing N2k connection without engine running.
- Auxiliary inputs levels, are configured and calibrated in the Holley ECU under I/O configuration.