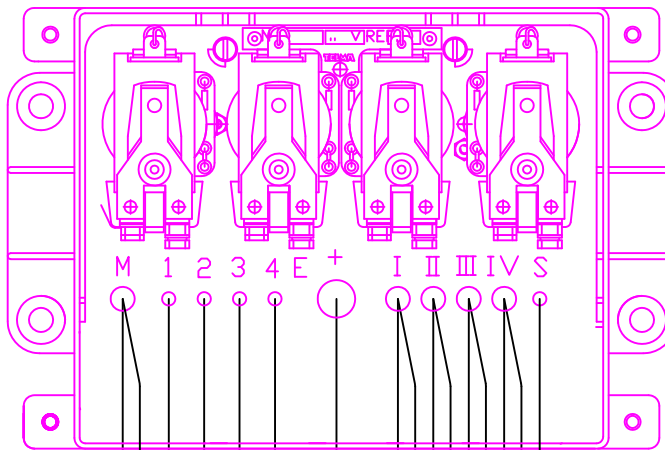


TL134057 AIR BRAKE WIRING DIAGRAM WITH TRCM AND J1939 CAN

17oct16jh

J1939 CAN control features:
TRCM active outputs turn off under the following conditions.
1) during ABS event
(with progressive reactivation)
2) Speed below 2 mph
3) Throttle position greater than 1%
4) Cruise Control is engaged

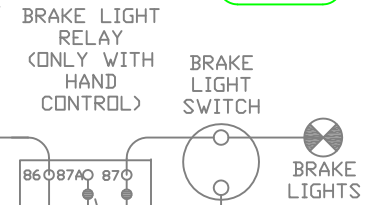
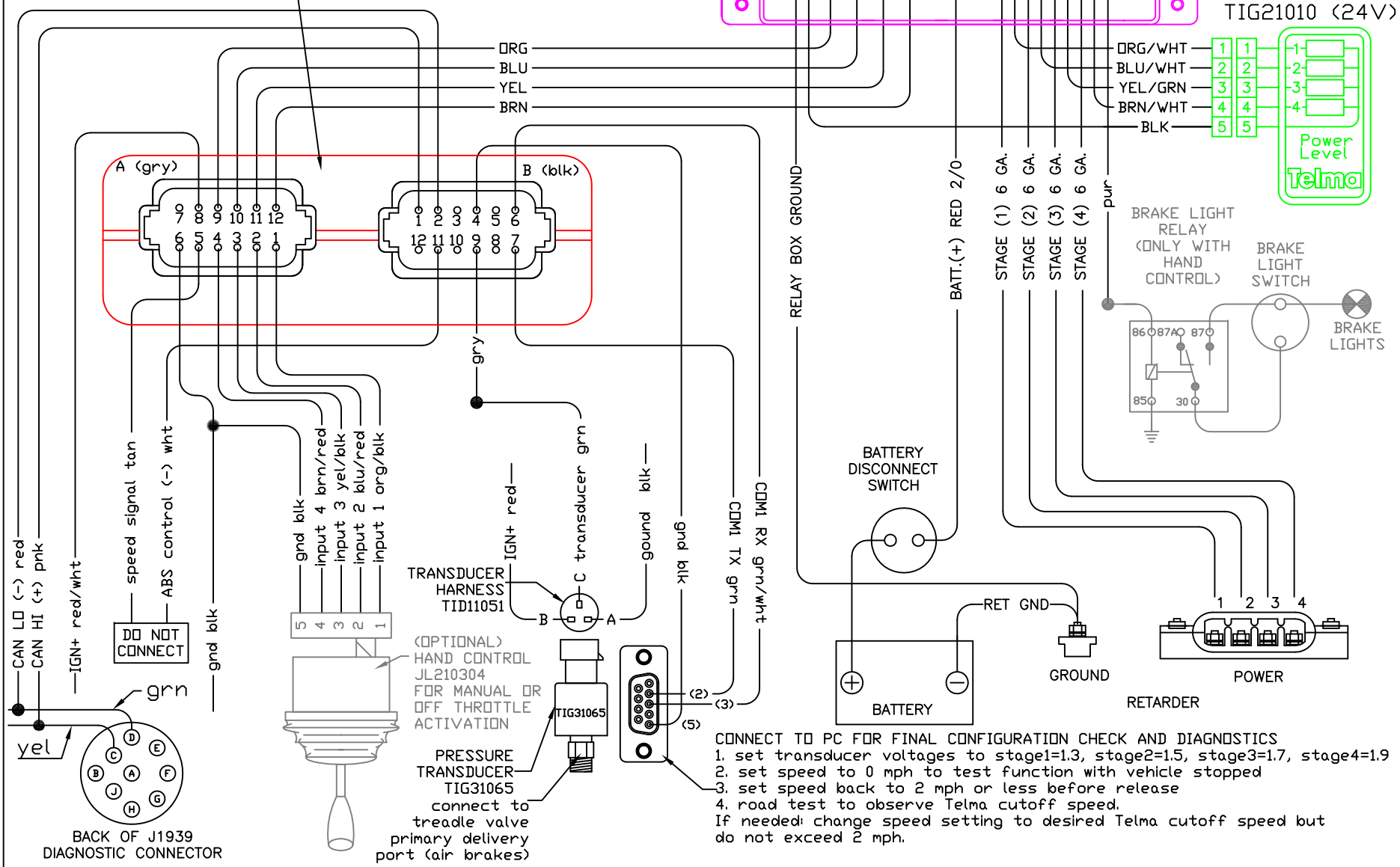
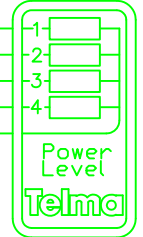
NOTE: FIRMWARE VERSION 03.02.03 &
LATER REQUIRED FOR J1939.
REFER TO TL103037 FOR MORE DETAILS



RELAY BOX
JD331121 (12V)
JD332121 (24V)

LIGHT BAR
DISPLAY
TIG11010 (12V)
TIG21010 (24V)

TRCM
TIG31062
12V/24V



CONNECT TO PC FOR FINAL CONFIGURATION CHECK AND DIAGNOSTICS
 1. set transducer voltages to stage1=1.3, stage2=1.5, stage3=1.7, stage4=1.9
 2. set speed to 0 mph to test function with vehicle stopped
 3. set speed back to 2 mph or less before release
 4. road test to observe Telma cutoff speed.
 If needed: change speed setting to desired Telma cutoff speed but do not exceed 2 mph.

BACK OF J1939
DIAGNOSTIC CONNECTOR

(OPTIONAL)
HAND CONTROL
JL210304
FOR MANUAL OR
OFF THROTTLE
ACTIVATION

PRESSURE
TRANSDUCER
TIG31065
connect to
treadle valve
primary delivery
port (air brakes)