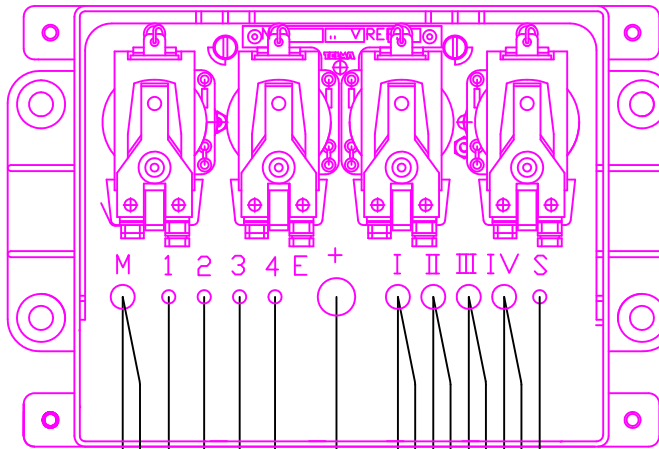


# TL134060 HYD BRAKE WIRING DIAGRAM WITH TRCM AND J1939 10dec13jh

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

NOTE: FIRMWARE VERSION 03.01.01  
OR LATER REQUIRED FOR J1939



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

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

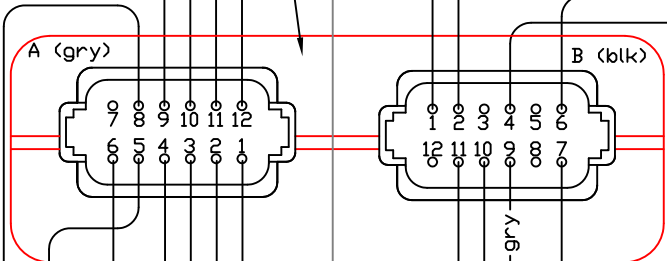
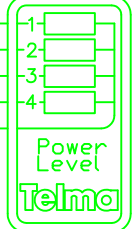
TRCM  
TIG31062  
12V/24V

(OPTIONAL)  
25%/50%  
THROTTLE  
ACTIVATION

GROUND

DRG  
BLU  
YEL  
BRN

DRG/WHT  
BLU/WHT  
YEL/GRN  
BRN/WHT  
BLK



DO NOT CONNECT

RELAY BOX GROUND

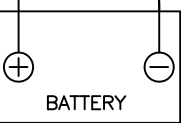
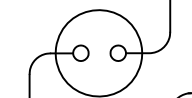
BATT.(+) RED 2/0  
STAGE (1) 6 GA.  
STAGE (2) 6 GA.  
STAGE (3) 6 GA.  
STAGE (4) 6 GA.

BRAKE LIGHT  
RELAY  
(ONLY WITH  
HAND  
CONTROL)

BRAKE LIGHT  
SWITCH

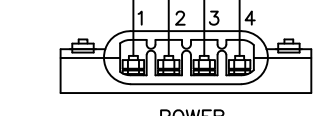


BATTERY  
DISCONNECT  
SWITCH



RET GND

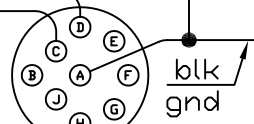
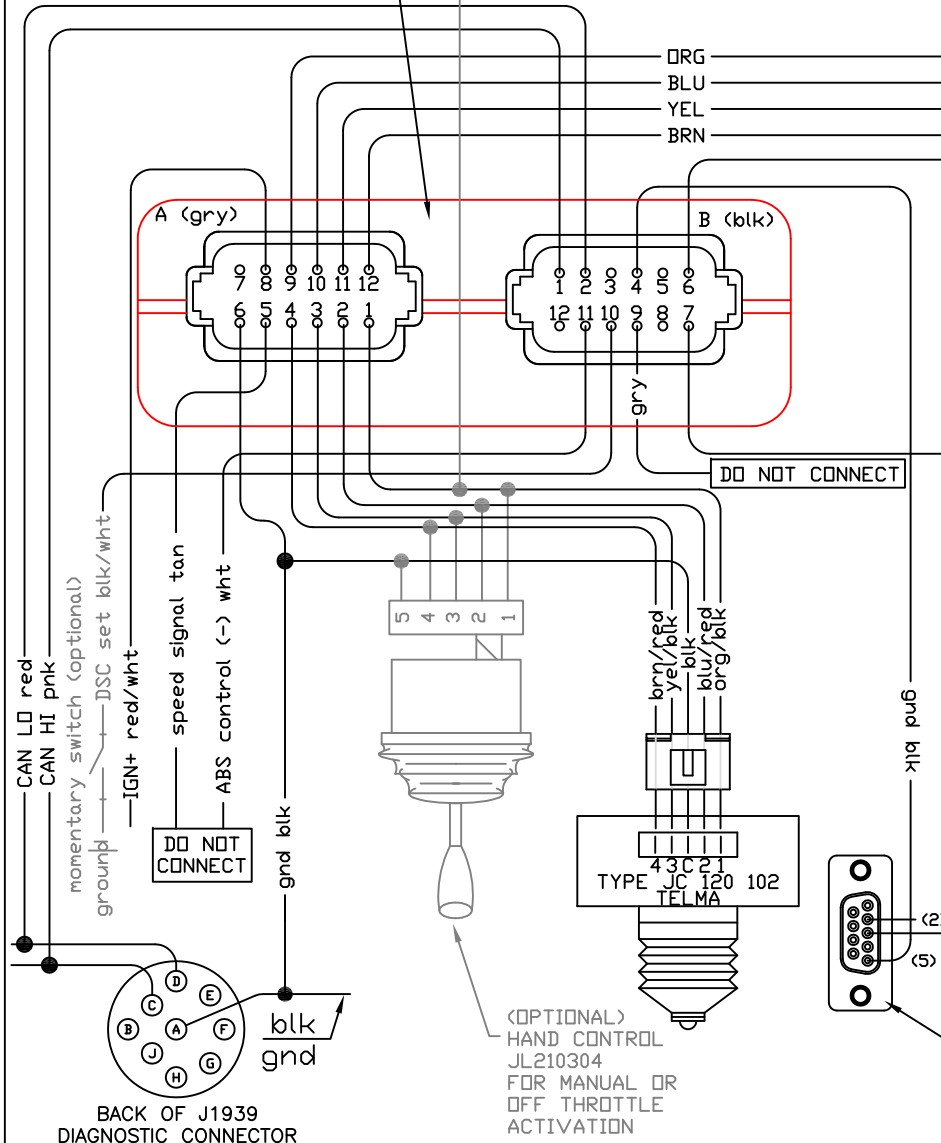
GROUND



RETARDER

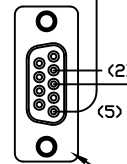
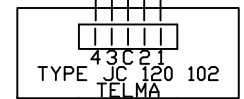
CONNECT TO PC FOR FINAL CONFIGURATION CHECK AND DIAGNOSTICS  
1. set speed to 0mph to test function with vehicle stopped  
2. set speed to 1-2mph before release  
3. road test to verify proper function

If needed: change speed (mph) setting for desired Telma cutoff speed.



BACK OF J1939  
DIAGNOSTIC CONNECTOR

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



CDM1 RX grn/wht  
CDM1 TX grn

DO NOT CONNECT

DO NOT CONNECT

DO NOT CONNECT

DO NOT CONNECT