

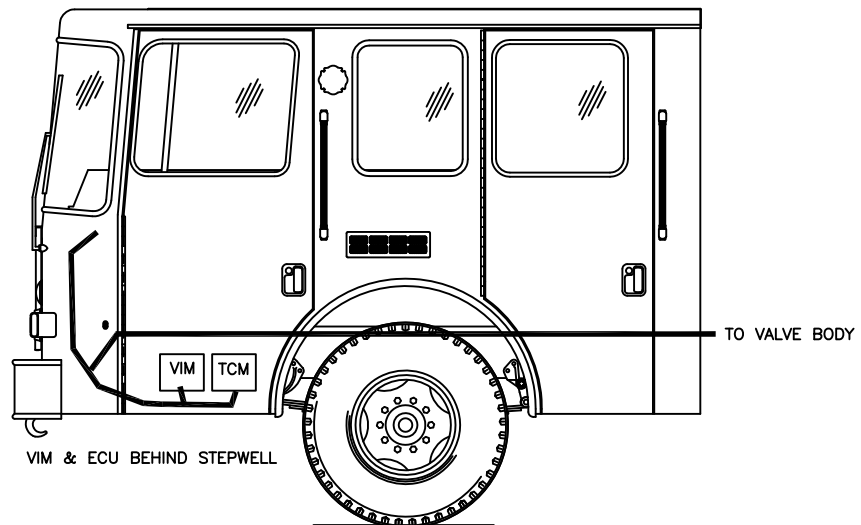
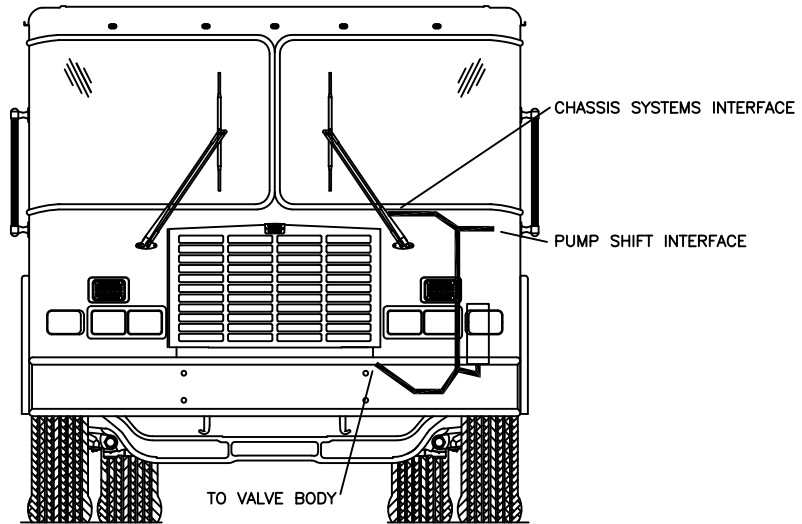
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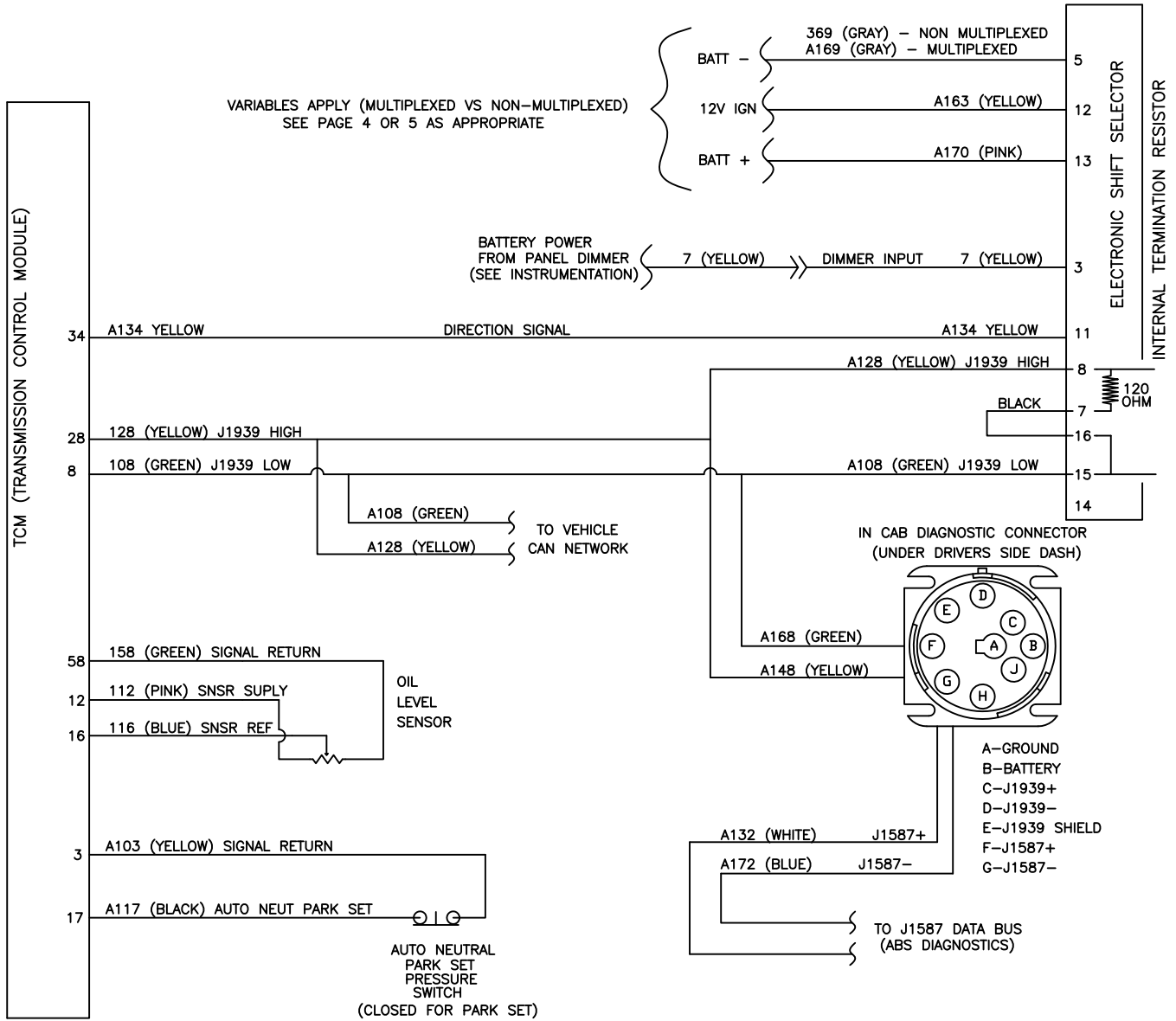
REFER TO VEHICLE SPECIFIC DOUMENTATION FOR PTO CONTROLS ON MULTIPLEXED CHASSIS.

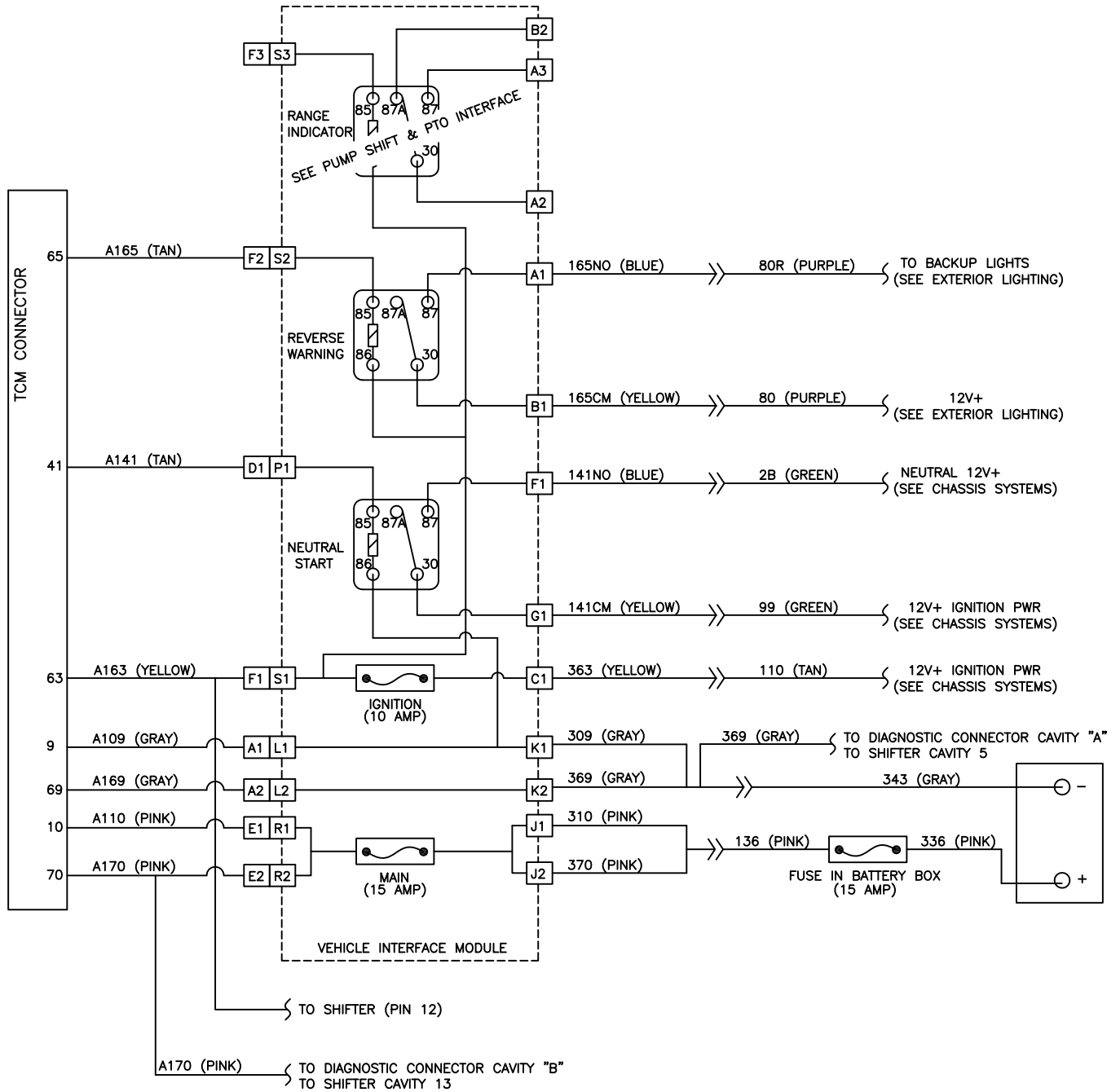
THIS MANUAL HAS BEEN DESIGNED AS A SUPPLEMENT FOR THE H.M.E. CUSTOM FIRE TRUCK CHASSIS ELECTRICAL SCHEMATICS MANUAL. IT'S CONTENT AND ANY SUPPORTING DOCUMENTATION HAS BEEN PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF H.M.E. INCORPORATED.

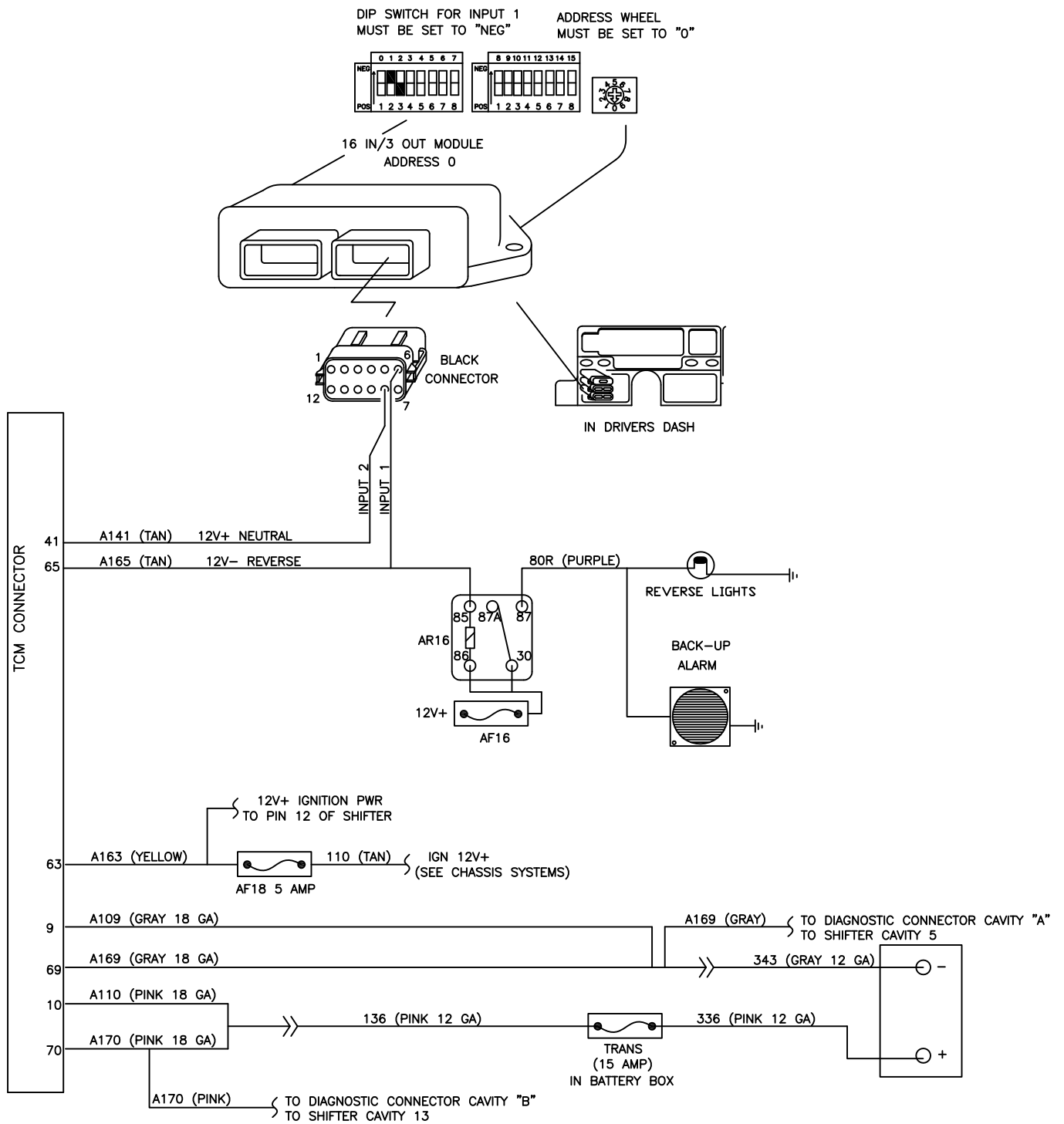
IT SHOULD BE NOTED THAT SOME FEATURES ARE OPTIONAL AND NOT ALL FEATURES ARE AVAILABLE ON ALL CHASSIS LINES. IT SHOULD ALSO BE NOTED THAT AS H.M.E. CHASSIS ARE CUSTOM BUILT SOME OF THE SYSTEMS DEFINED IN THIS MANUAL MAY HAVE BEEN MODIFIED. SEE SUPPORTING DOCUMENTATION FOR ANY SUCH MODIFICATIONS.

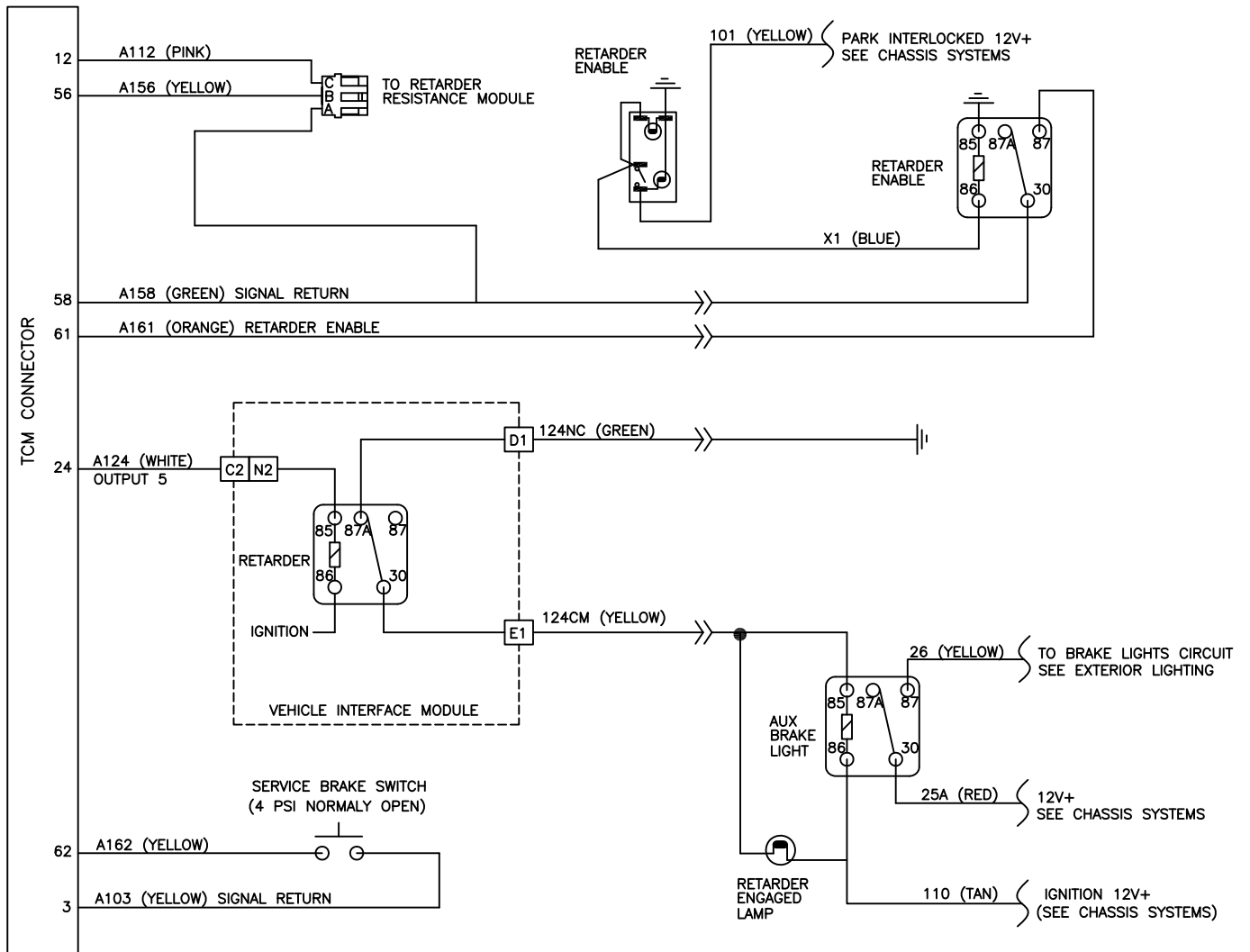
WHILE EVERY EFFORT WILL BE MADE TO MAINTAIN THE ACCURACY OF THIS MANUAL ACTUAL PRODUCTION PROCEDURES MAY CHANGE ANYTIME GOOD ENGINEERING PRACTICE DEEMS NECESSARY.

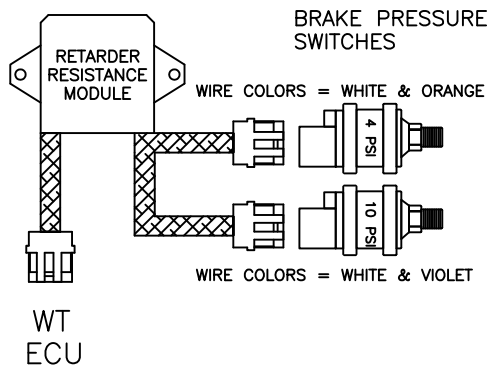




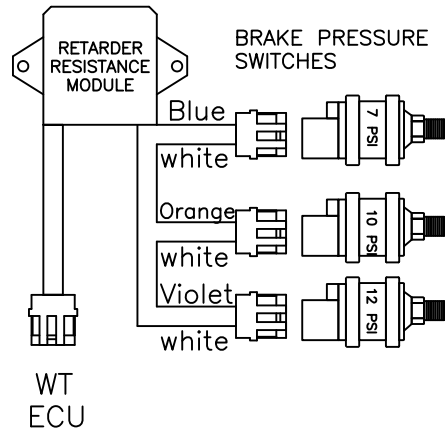




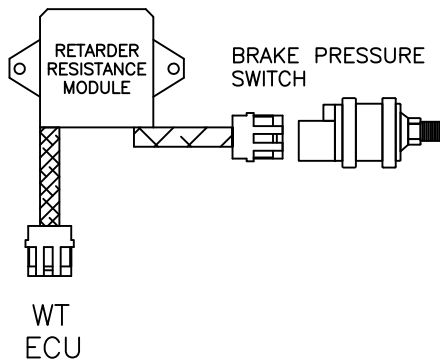




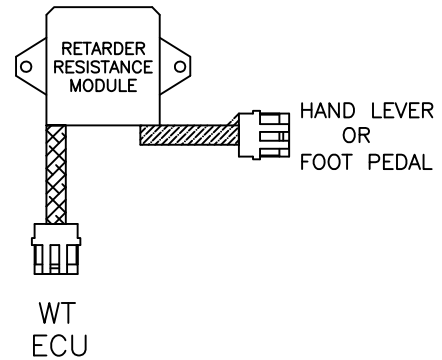
1/3 @ 0 THROTTLE
2/3 @ 4 PSI
FULL ON @ 10 PSI



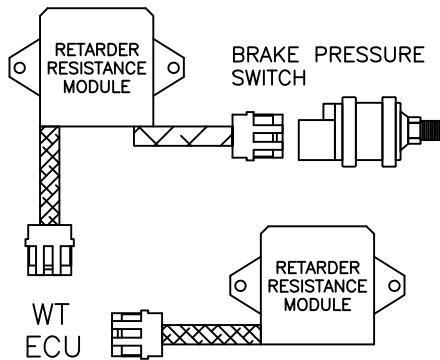
1/3 @ 7 PSI
2/3 @ 10 PSI
FULL ON @ 12 PSI



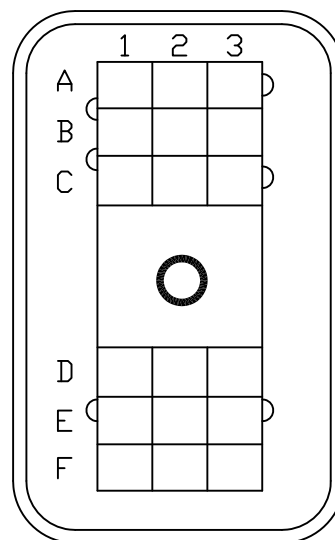
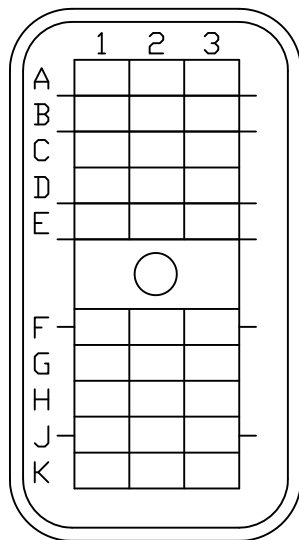
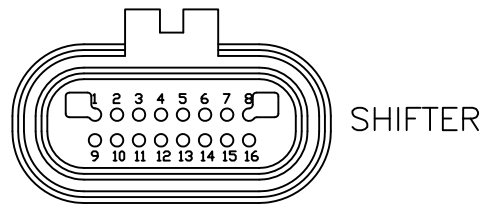
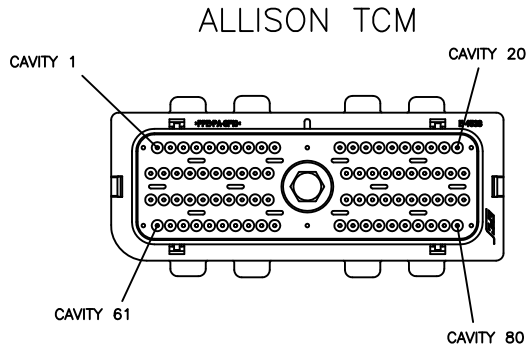
FULL ON WITH BRAKE APPLICATION



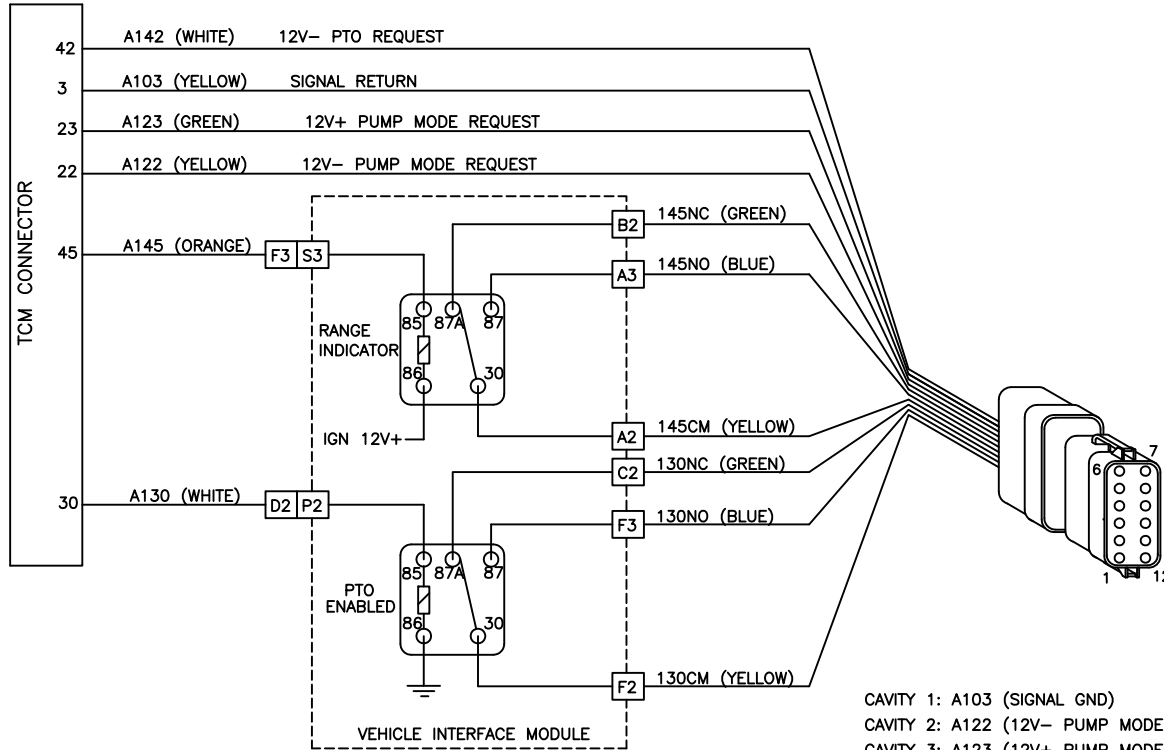
HAND LEVER OR FOOT CONTROL



1/3 ZERO THROTTLE
FULL ON WITH BRAKE APPLICATION



VIM (VEHICAL INTERFACE MODULE)
(NON MULTIPLEXED ONLY)



- CAVITY 1: A103 (SIGNAL GND)
- CAVITY 2: A122 (12V- PUMP MODE REQUEST)
- CAVITY 3: A123 (12V+ PUMP MODE REQUEST)
- CAVITY 4: A142 (12V- PTO REQUEST)
- CAVITY 5: 130CM (PTO ENABLE COMMON)
- CAVITY 6: NO CONNECTION
- CAVITY 7: NO CONNECTION
- CAVITY 8: 145NC (RANGE INDICATOR NORMALLY CLOSED)
- CAVITY 9: 145NO (RANGE INDICATOR NORMALLY OPEN)
- CAVITY 10: 145CM (RANGE INDICATOR COMMON)
- CAVITY 11: 130NO (PTO ENABLE NORMALLY OPEN)
- CAVITY 12: 130NC (PTO ENABLE NORMALLY CLOSED)

CONNECTOR BEHIND LEFT LOWER DASH PANEL

REFER TO ALLISON 4TH GENERATION SCHEMATICS
FOR FIRE TRUCK PUMP MODE - FUNCTION 'J'

MATING CONNECTOR INFORMATION;

- DEUTSCH 12 WAY PLUG: DT06-12S (HME #60880-3)
- SOCKET, 14-16 AWG: 0462-209-16141 (HME #60880-5)
- SOCKET, 16-18 AWG: 0462-201-16141 (HME #60880-50)
- LOCKING WEDGE: W12S (HME #60880-4)

ALLISON SUPPLEMENT 5TH GENERATION CONTROLS

PUMP SHIFT & PTO INTERFACE MULTIPLEXED CHASSIS

PROGRAMMING NECESSARY IF CONTROLS
ARE TO BE MULTIPLEXED

