

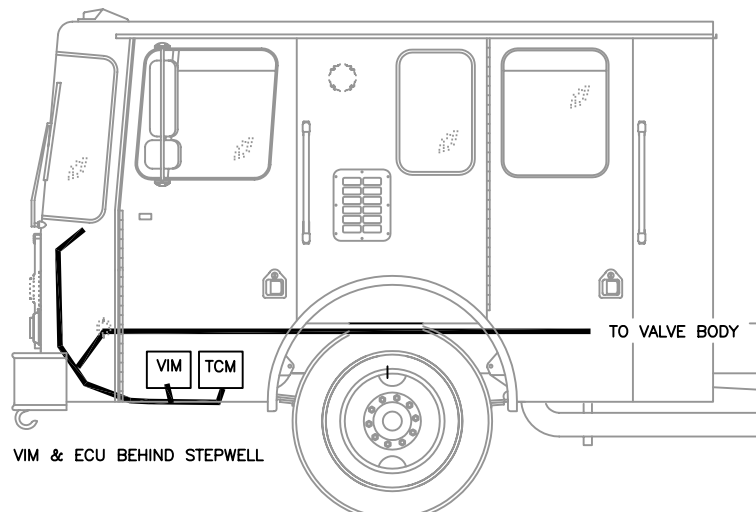
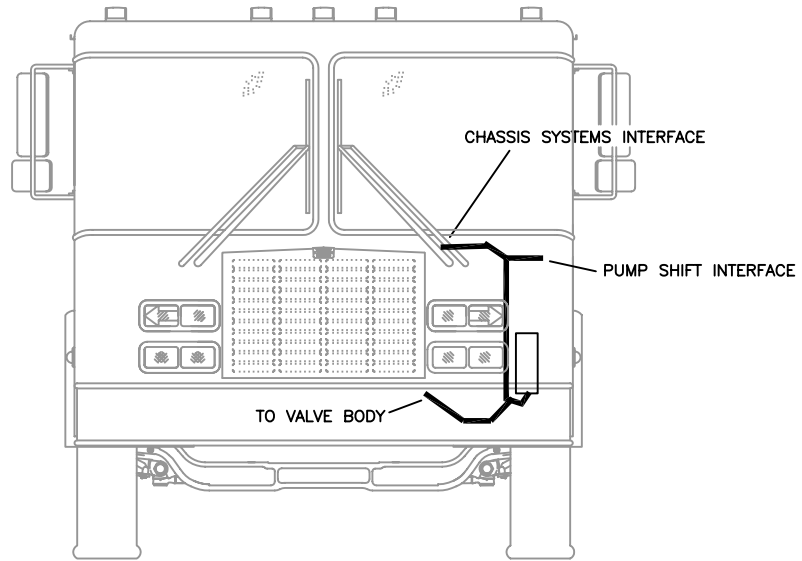
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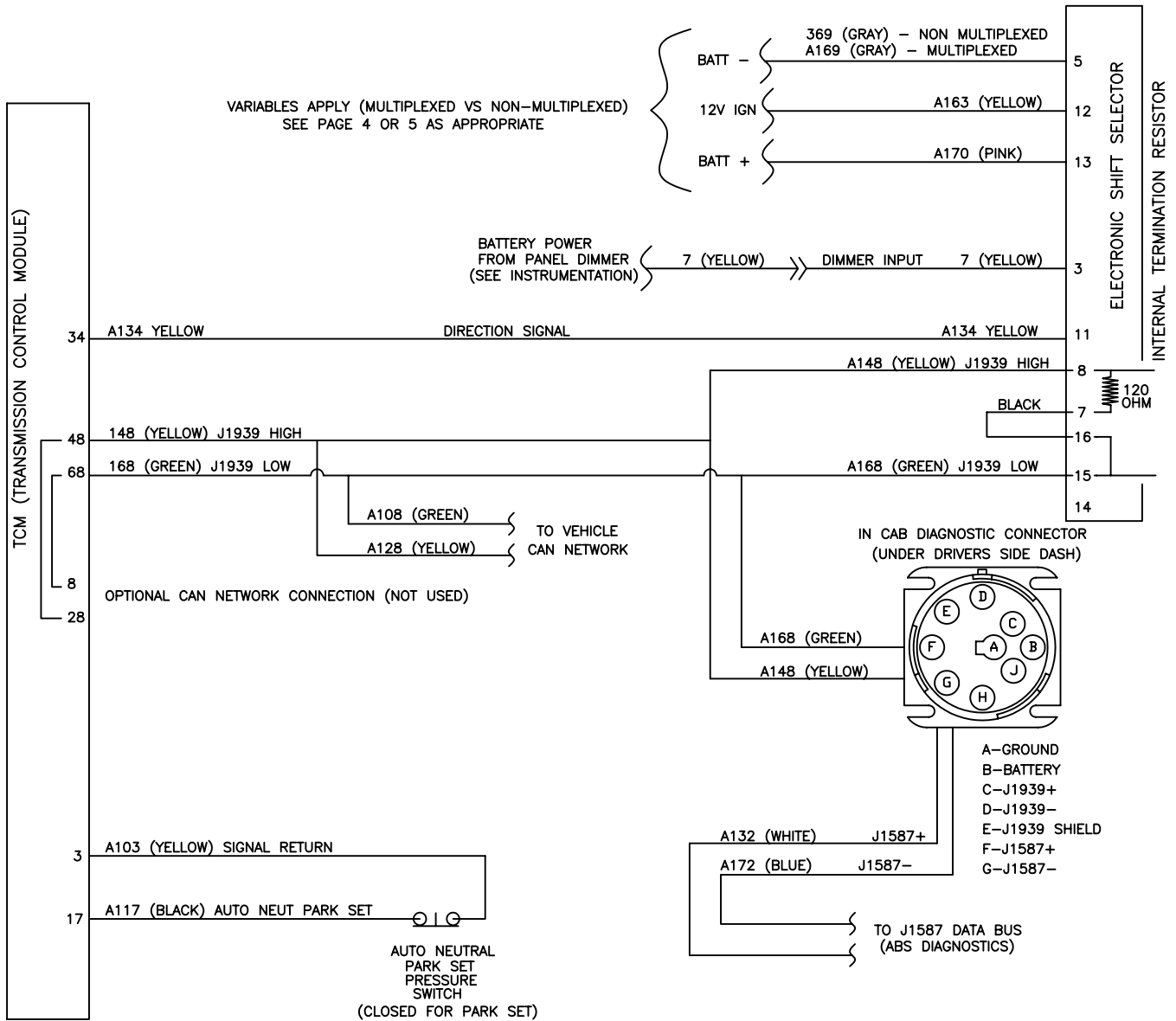
REFER TO VEHICLE SPECIFIC DOUMENTATION FOR PTO CONTROLS ON MULTIPLEXED CHASSIS.

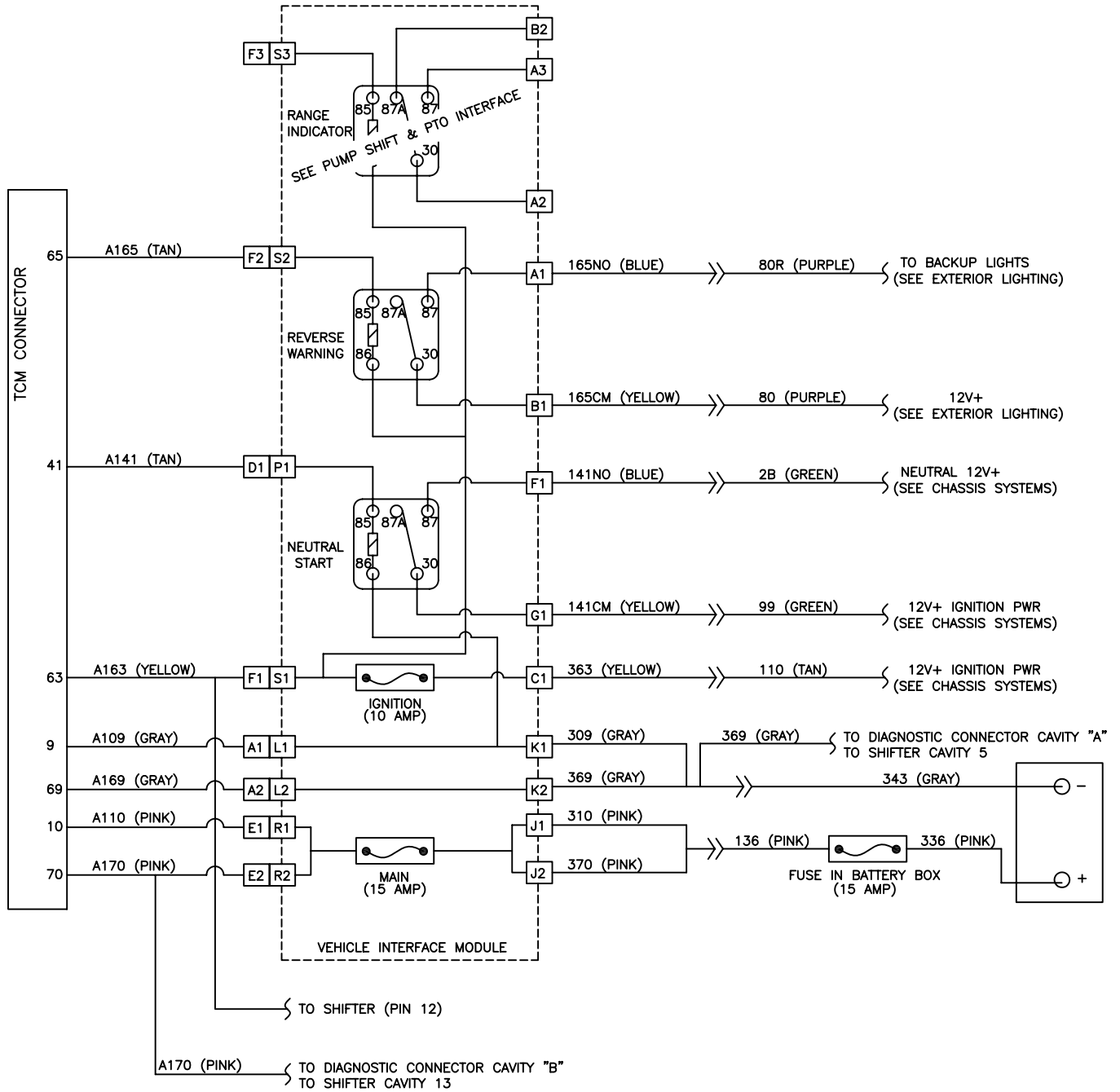
THIS MANUAL HAS BEEN DESIGNED AS A SUPPLEMENT FOR THE H.M.E. CUSTOM FIRE TRUCK CHASSIS ELECTRICAL SCHEMATICS MANUAL. IT'S CONTENT AND ANY SUPPORTING DOCUMENTATION HAS BEEN PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF H.M.E. INCORPORATED.

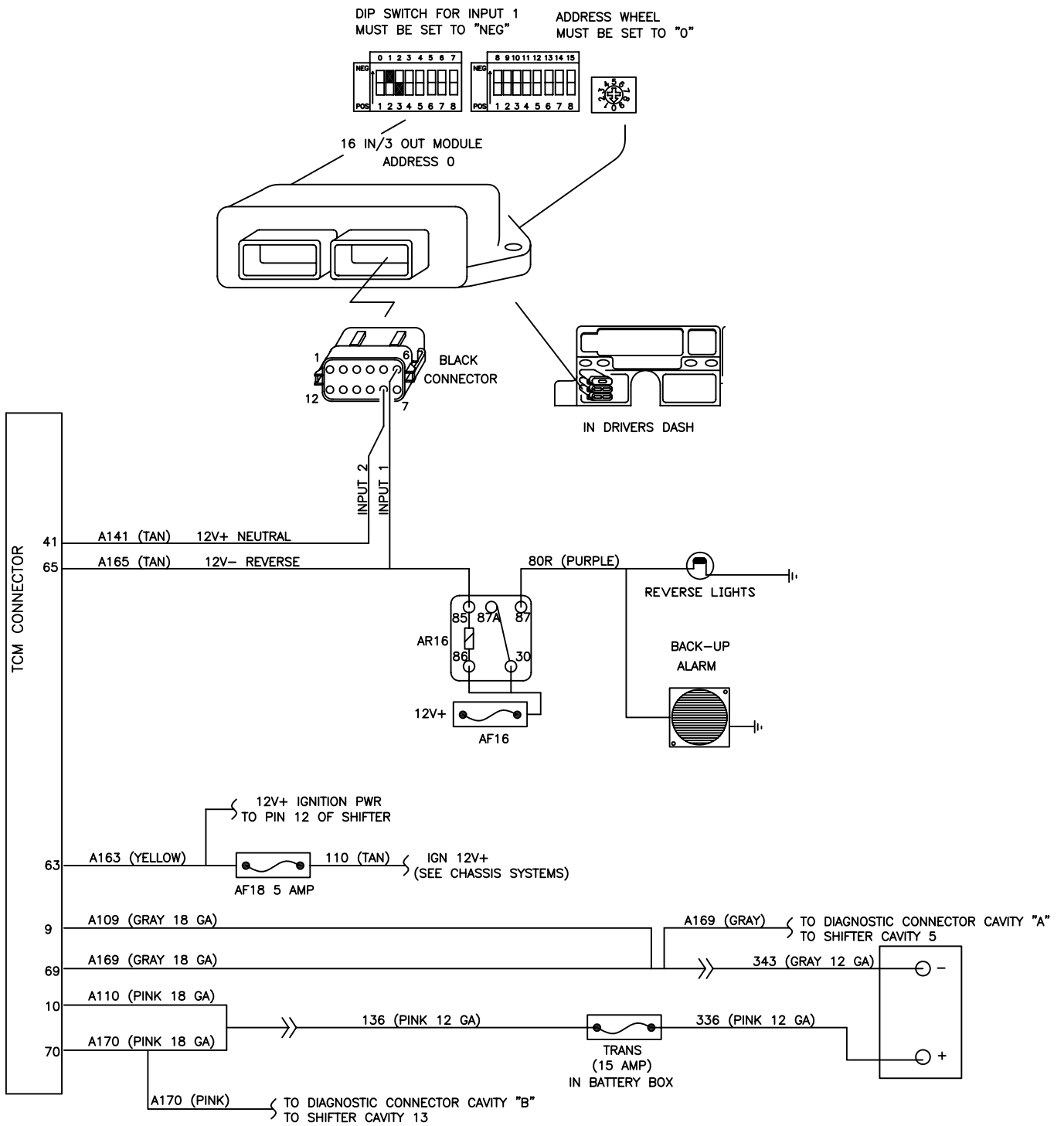
IT SHOULD BE NOTED THAT SOME FEATURES ARE OPTIONAL AND NOT ALL FEATURES ARE AVAILABLE ON ALL CHASSIS LINES. IT SHOULD ALSO BE NOTED THAT AS H.M.E. CHASSIS ARE CUSTOM BUILT SOME OF THE SYSTEMS DEFINED IN THIS MANUAL MAY HAVE BEEN MODIFIED. SEE SUPPORTING DOCUMENTATION FOR ANY SUCH MODIFICATIONS.

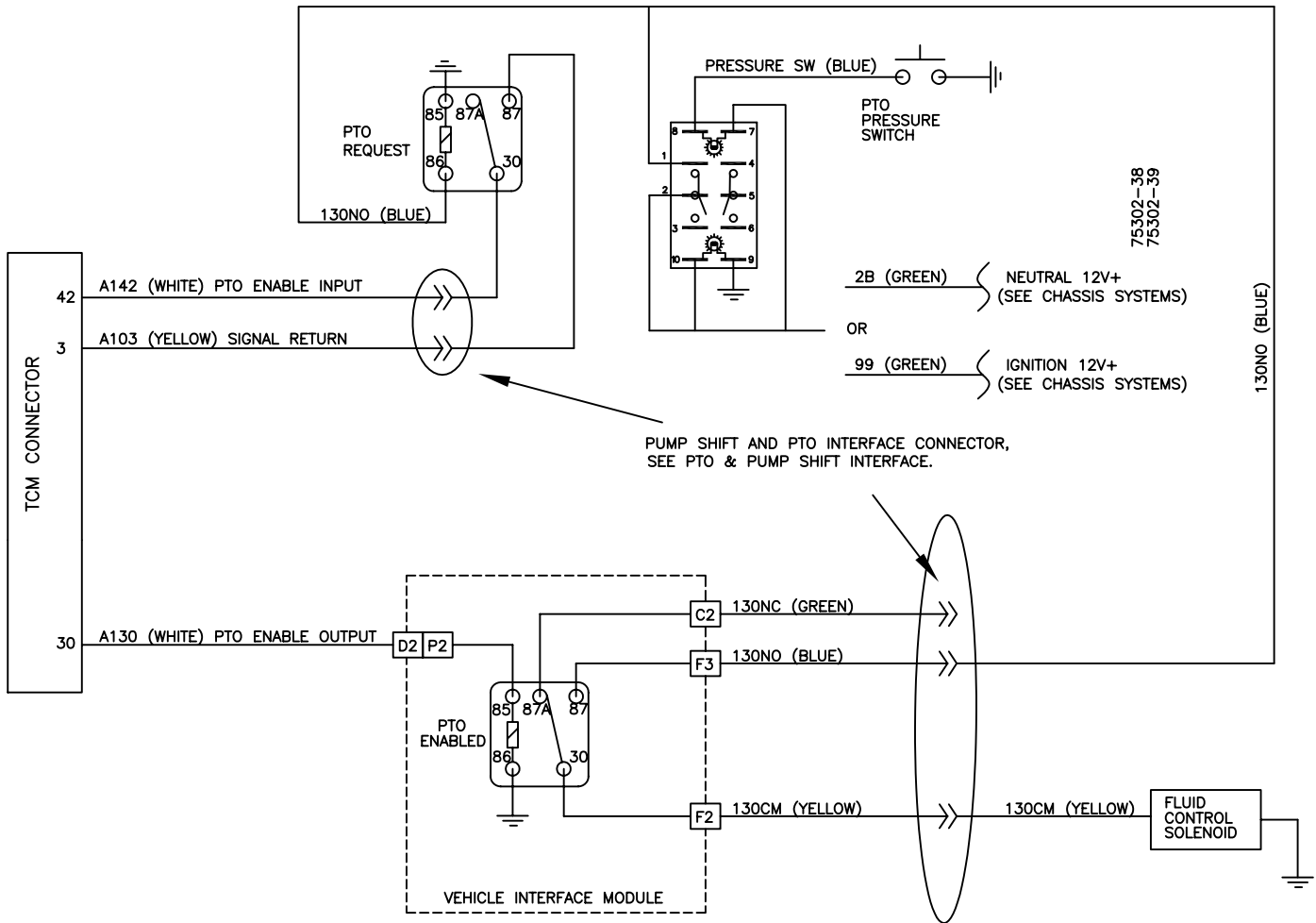
WHILE EVERY EFFORT WILL BE MADE TO MAINTAIN THE ACCURACY OF THIS MANUAL ACTUAL PRODUCTION PROCEDURES MAY CHANGE ANYTIME GOOD ENGINEERING PRACTICE DEEMS NECESSARY.







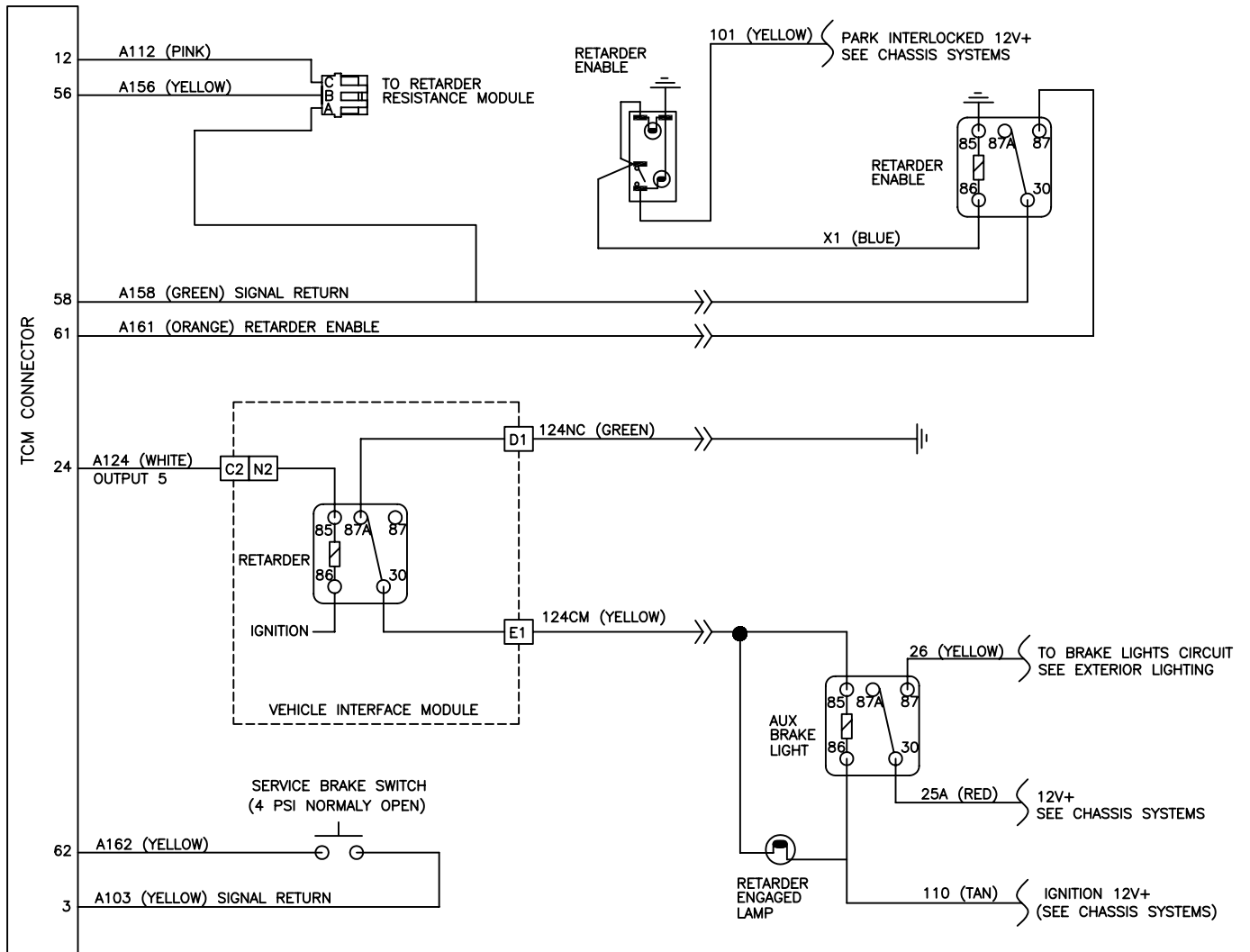


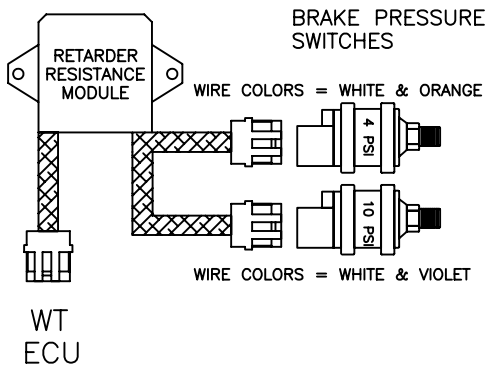


OPERATION MAY BE INFLUENCED BY THE FOLLOWING PROGRAMMABLE PARAMETERS:

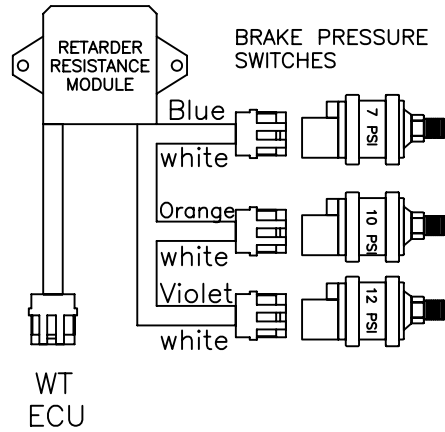
PARAMETER	DEFAULT VALUE	ALLOWABLE RANGE
Max Engine Speed for PTO Engagement	900rpm	500-1400/PTO Ratio
Max Engine Speed for PTO Operation	4000rpm	375-4000 rpm
Max Output Speed for PTO Engagement	250rpm	60-5000 rpm
Max Output Speed for PTO Operation	300rpm	70-5000 rpm

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

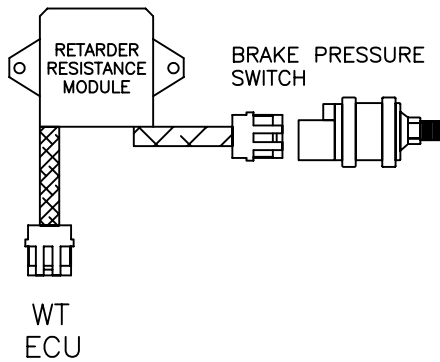




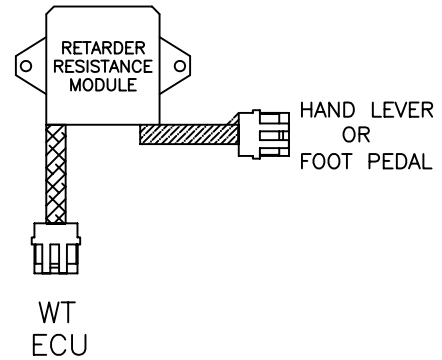
1/3 @ 0 THROTTLE
2/3 @ 4 PSI
FULL ON @ 10 PSI



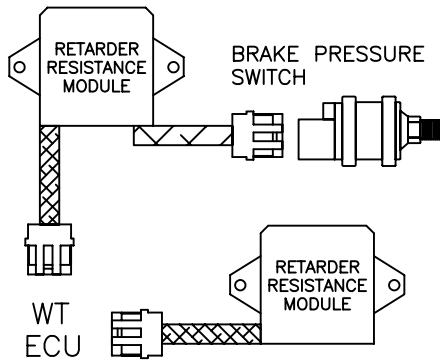
1/3 @ 7 PSI
2/3 @ 10 PSI
FULL ON @ 12 PSI



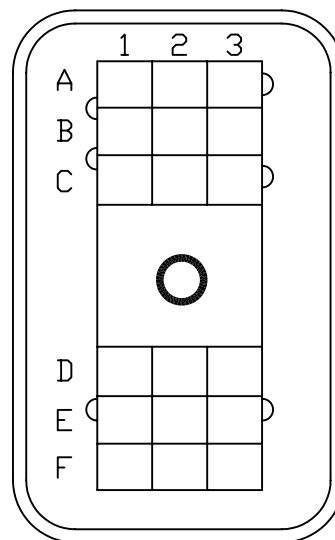
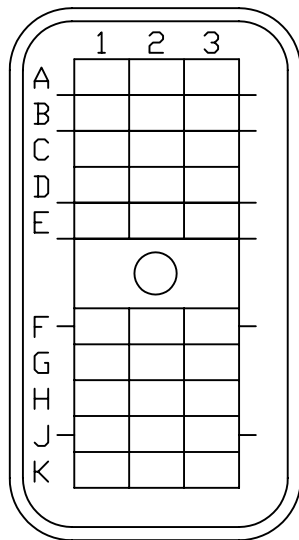
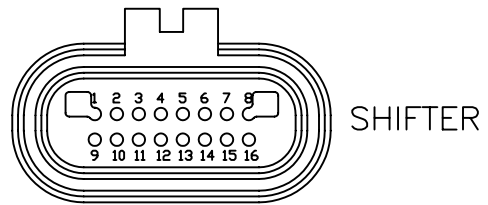
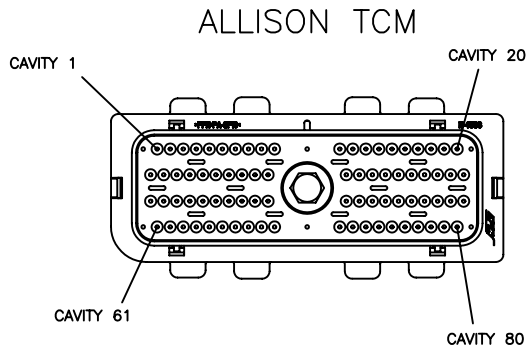
FULL ON WITH BRAKE APPLICATION



HAND LEVER OR FOOT CONTROL



1/3 ZERO THROTTLE
FULL ON WITH BRAKE APPLICATION

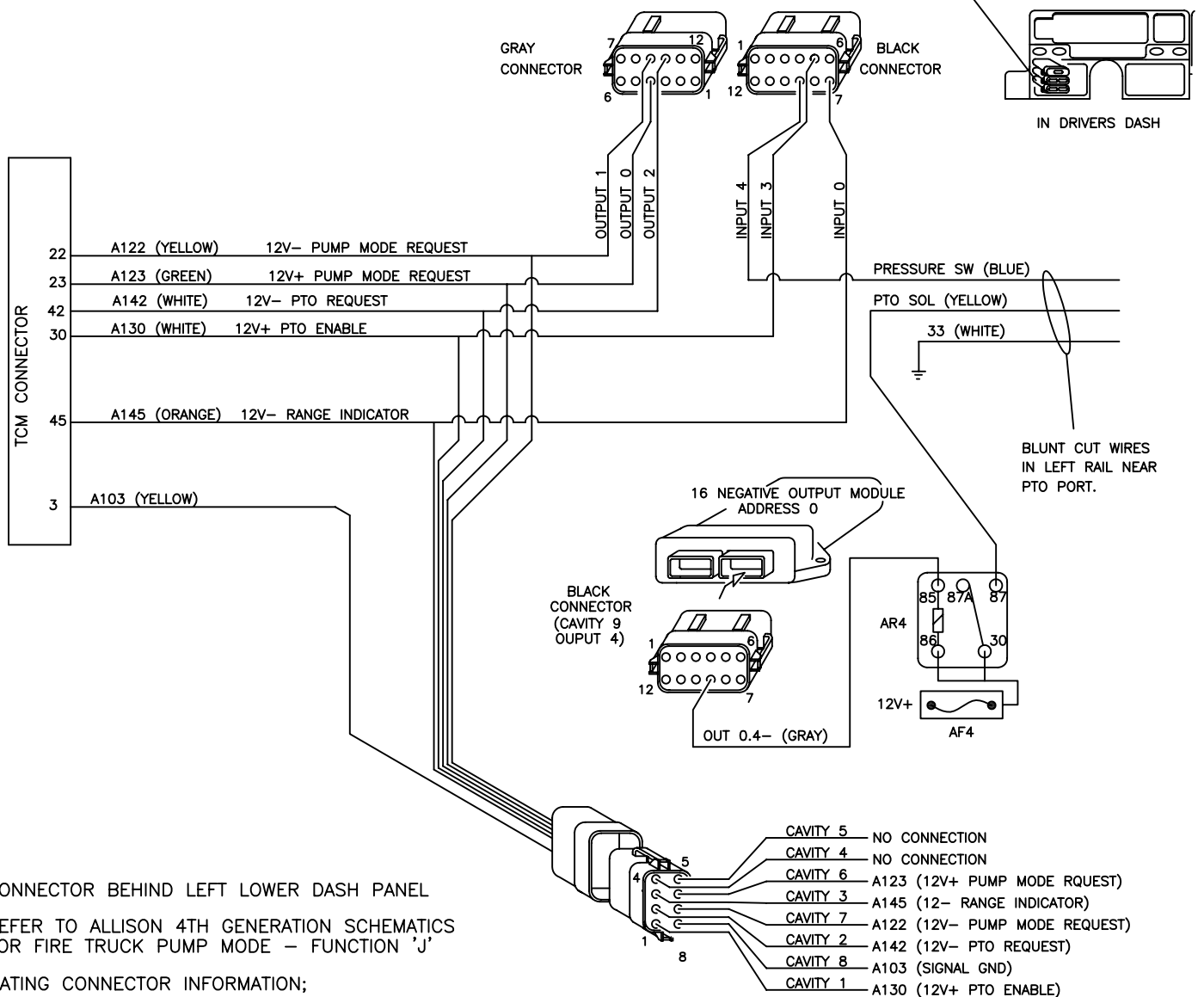
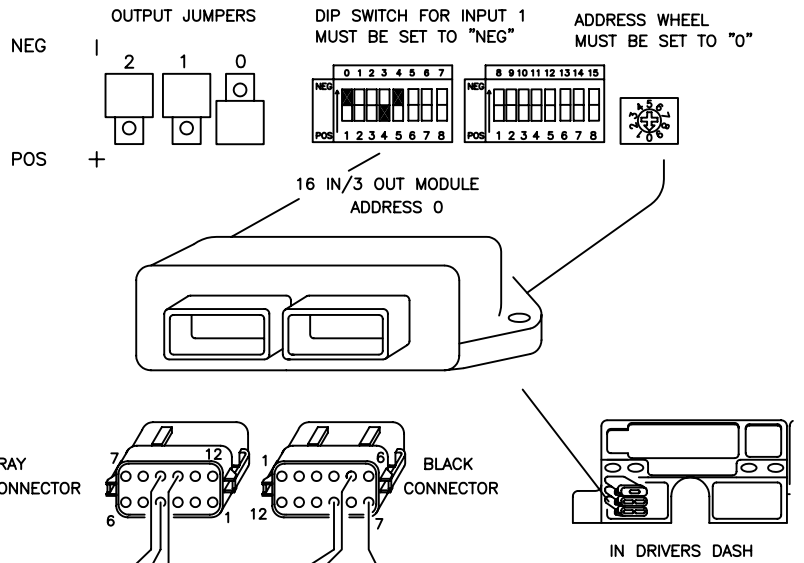


VIM (VEHICAL INTERFACE MODULE)
(NON MULTIPLEXED ONLY)

ALLISON SUPPLEMENT 4TH GENERATION CONTROLS

PUMP SHIFT & PTO INTERFACE MULTIPLEXED CHASSIS

PROGRAMMING NECESSARY IF CONTROLS
ARE TO BE MULTIPLEXED



CONNECTOR BEHIND LEFT LOWER DASH PANEL
REFER TO ALLISON 4TH GENERATION SCHEMATICS
FOR FIRE TRUCK PUMP MODE - FUNCTION 'J'

MATING CONNECTOR INFORMATION;
DEUTSCH 8 WAY PLUG: DT06-08SA (HME #60880-102)
SOCKET, 14-16 AWG: 0462-209-16141 (HME #60880-5)
SOCKET, 16-18 AWG: 0462-201-16141 (HME #60880-50)
LOCKING WEDGE: W8S (HME #60880-104)