

MANUAL SUPPLEMENT CUMMINS ISC/ISL/ISX ENGINE INTERFACE

FEBRUARY 2010

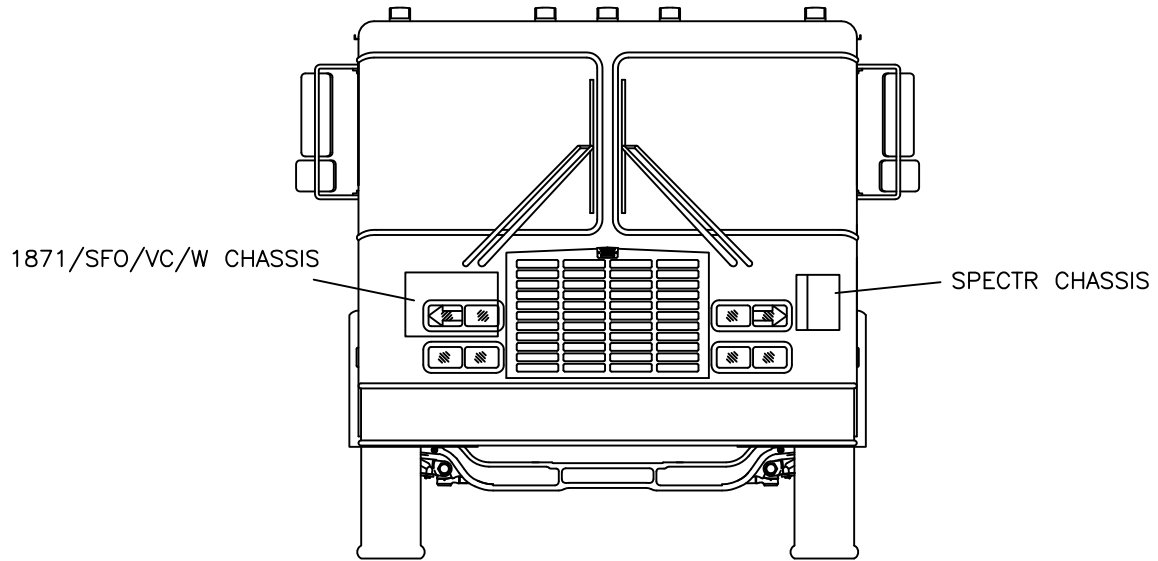
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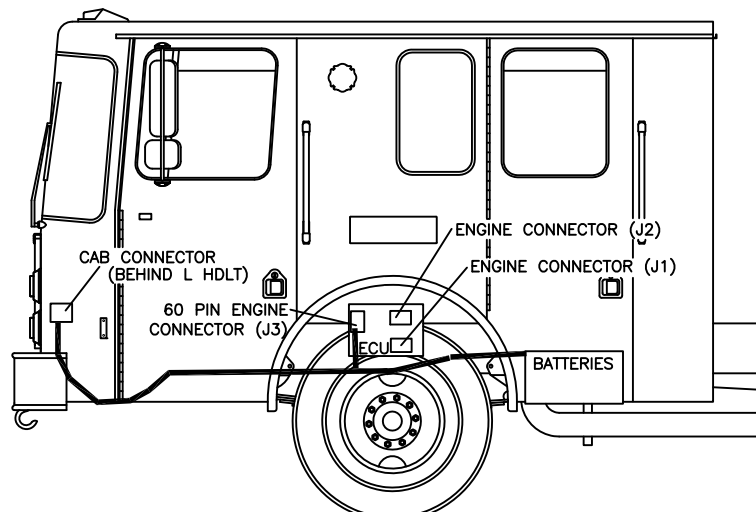
THIS MANUAL HAS BEEN DESIGNED AS A SUPPLEMENT FOR THE H.M.E. CUSTOM FIRE TRUCK CHASSIS ELECTRICAL SCHEMATICS MANUAL. IT'S CONTENT AND ANY SUPPORTING DOCUMENTATION HAS BEEN PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF H.M.E. INCORPORATED.

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.

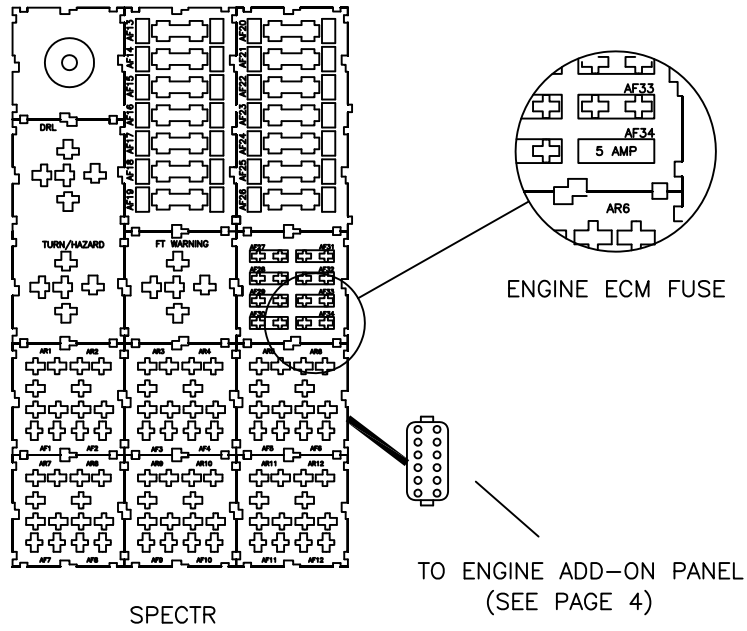
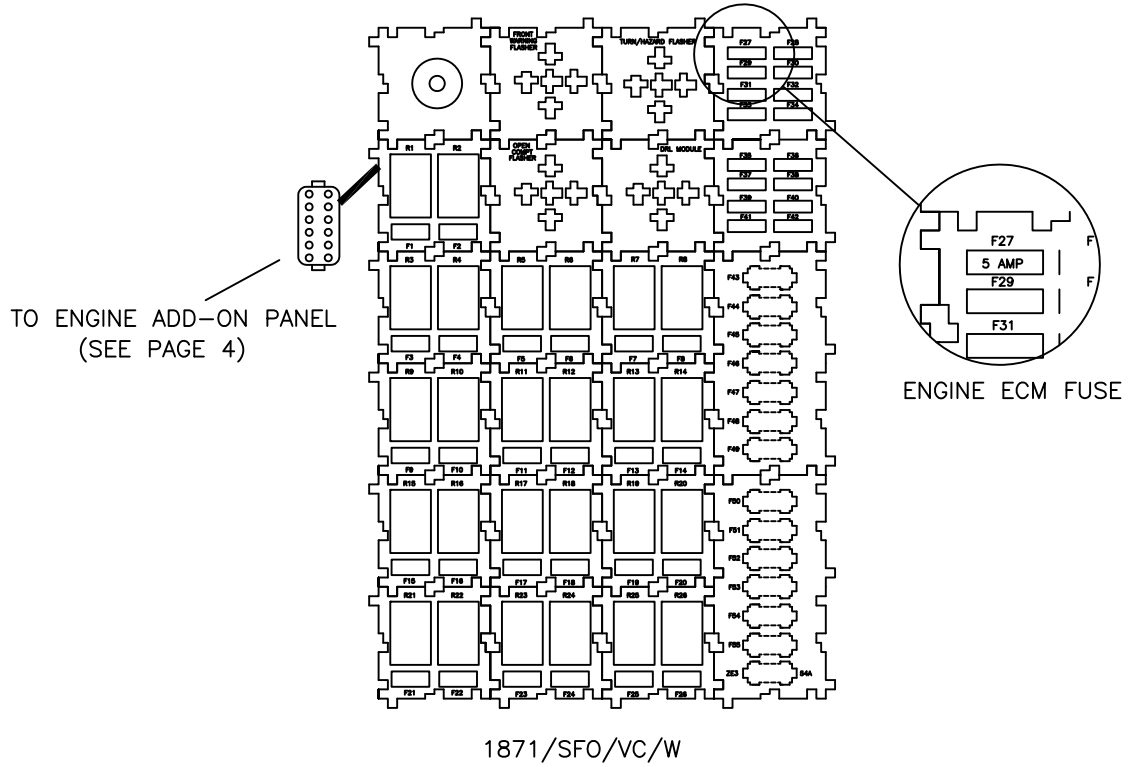
WHILE EVERY EFFORT WILL BE MADE TO MAINTAIN THE ACCURACY OF THIS MANUAL ACTUAL PRODUCTION PROCEDURES MAY CHANGE ANYTIME GOOD ENGINEERING PRACTICE DEEMS NECESSARY.

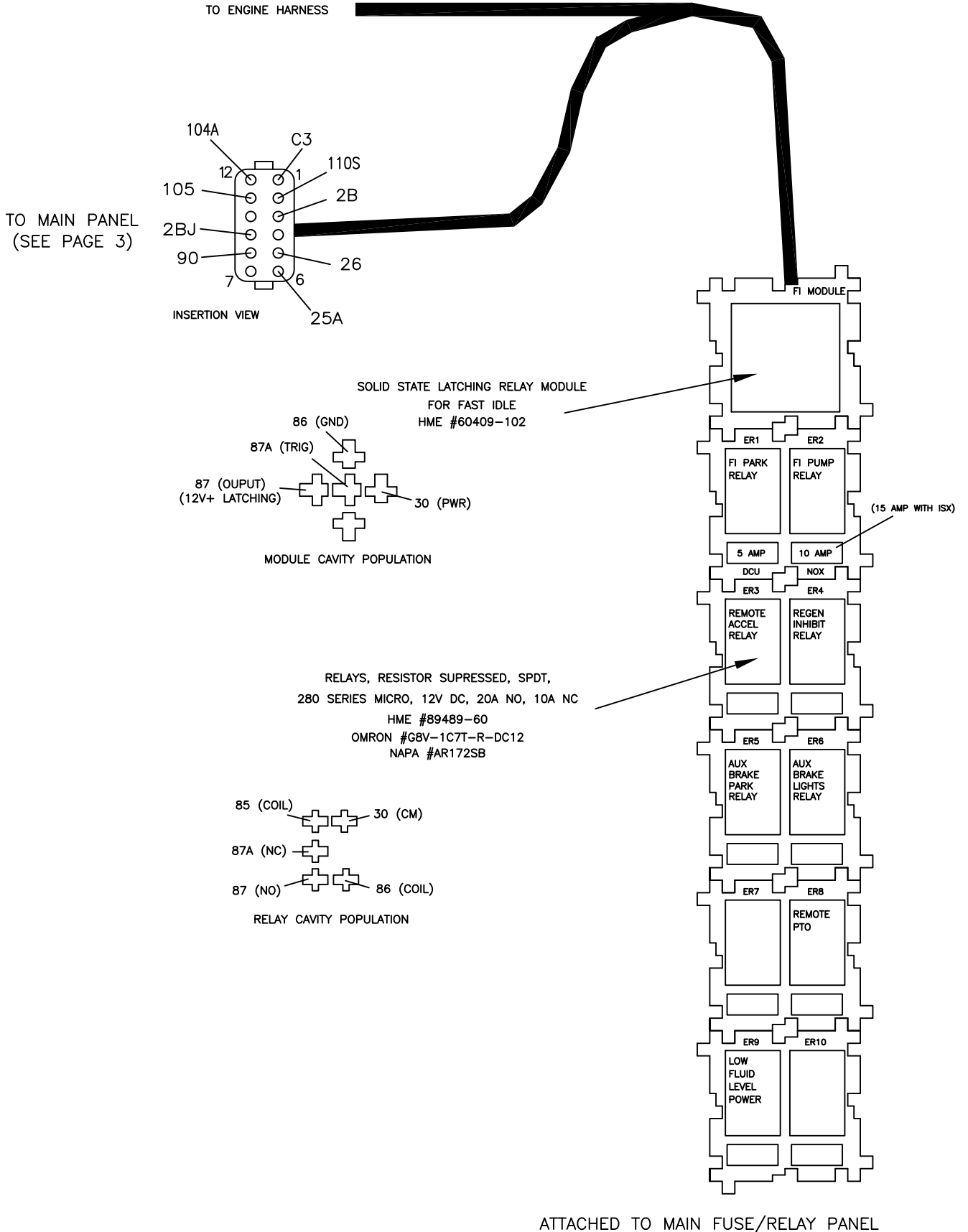


FUSE/RELAY PANEL LOCATION

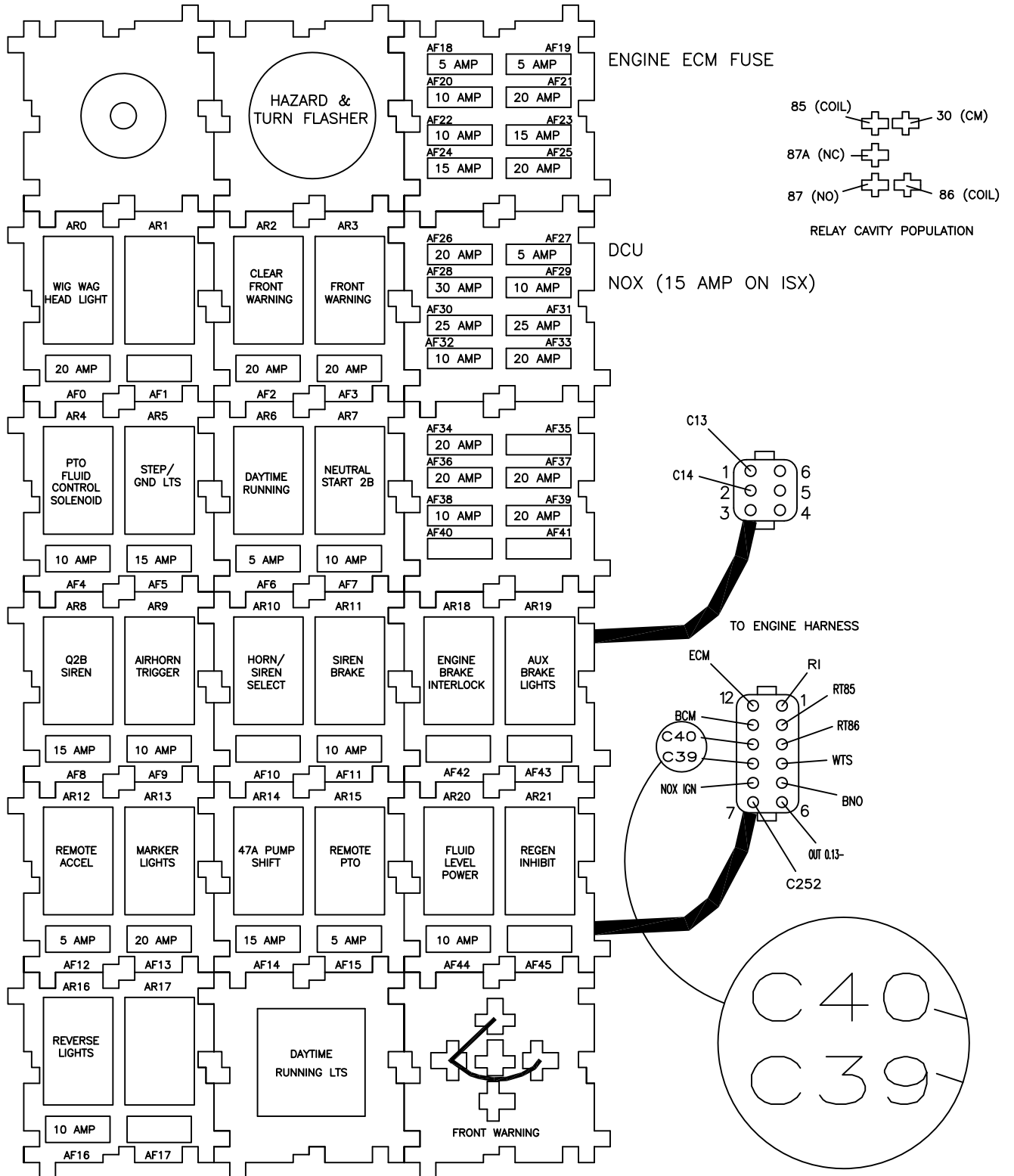


ENGINE INTERFACE HARNESS ROUTING

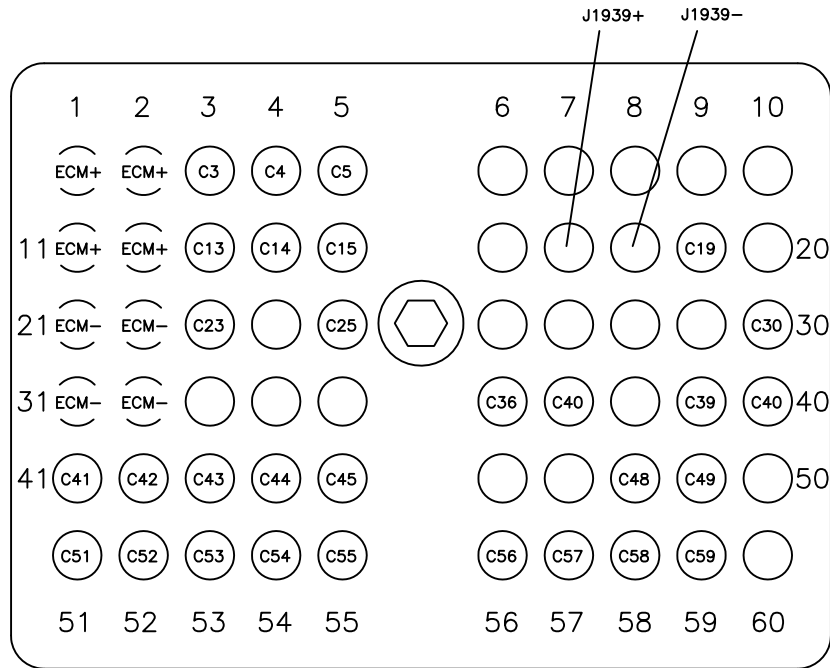




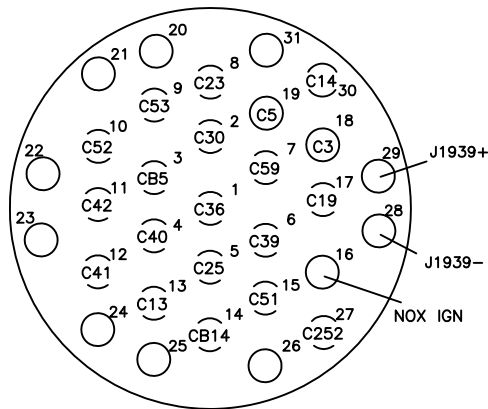
FUSE/RELAY PANEL
(MULTIPLXED VEHICLES)



C40 was OUT 0.14-
C39 was OUT 0.15-

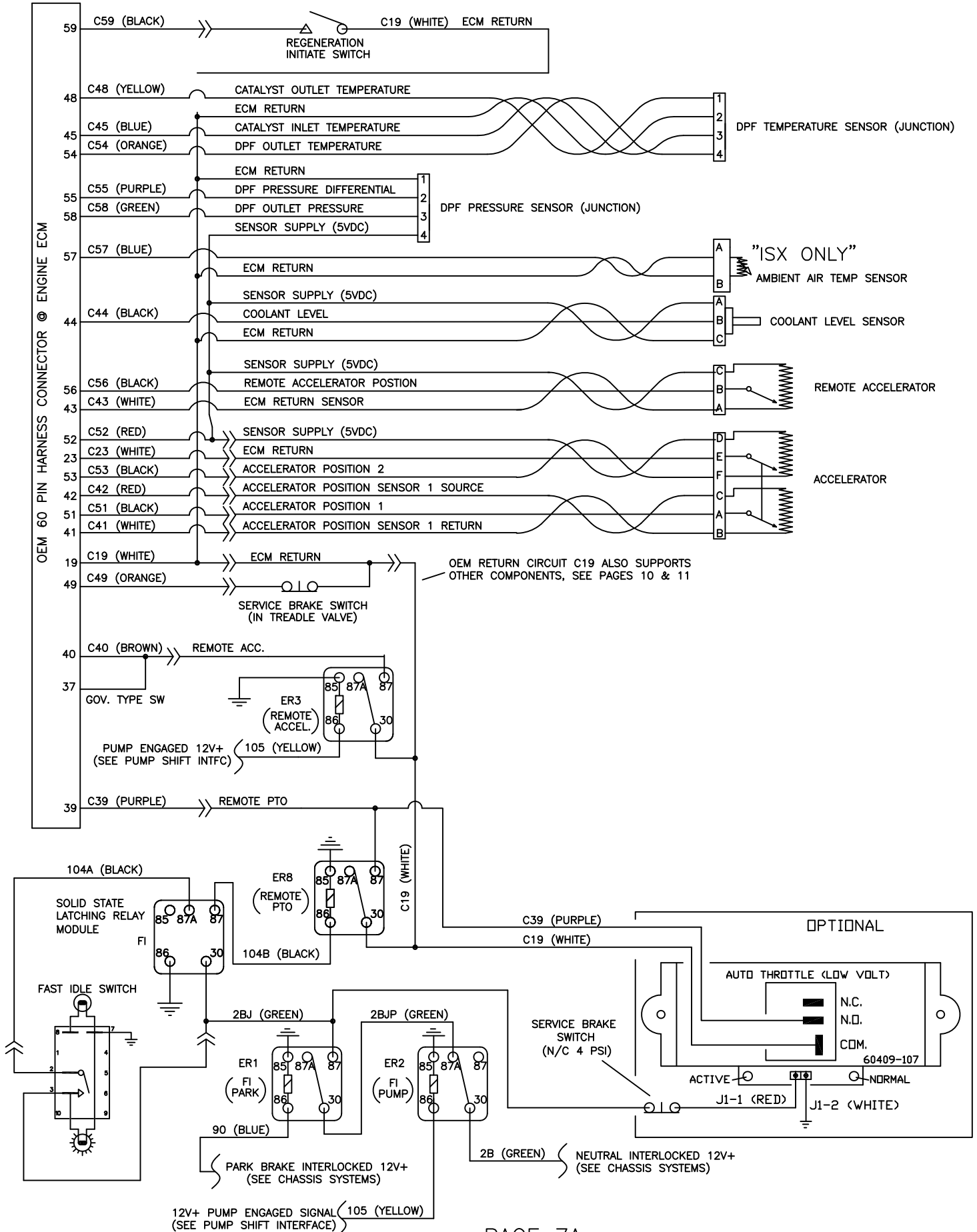


OEM 60 PIN ECU CONNECTOR

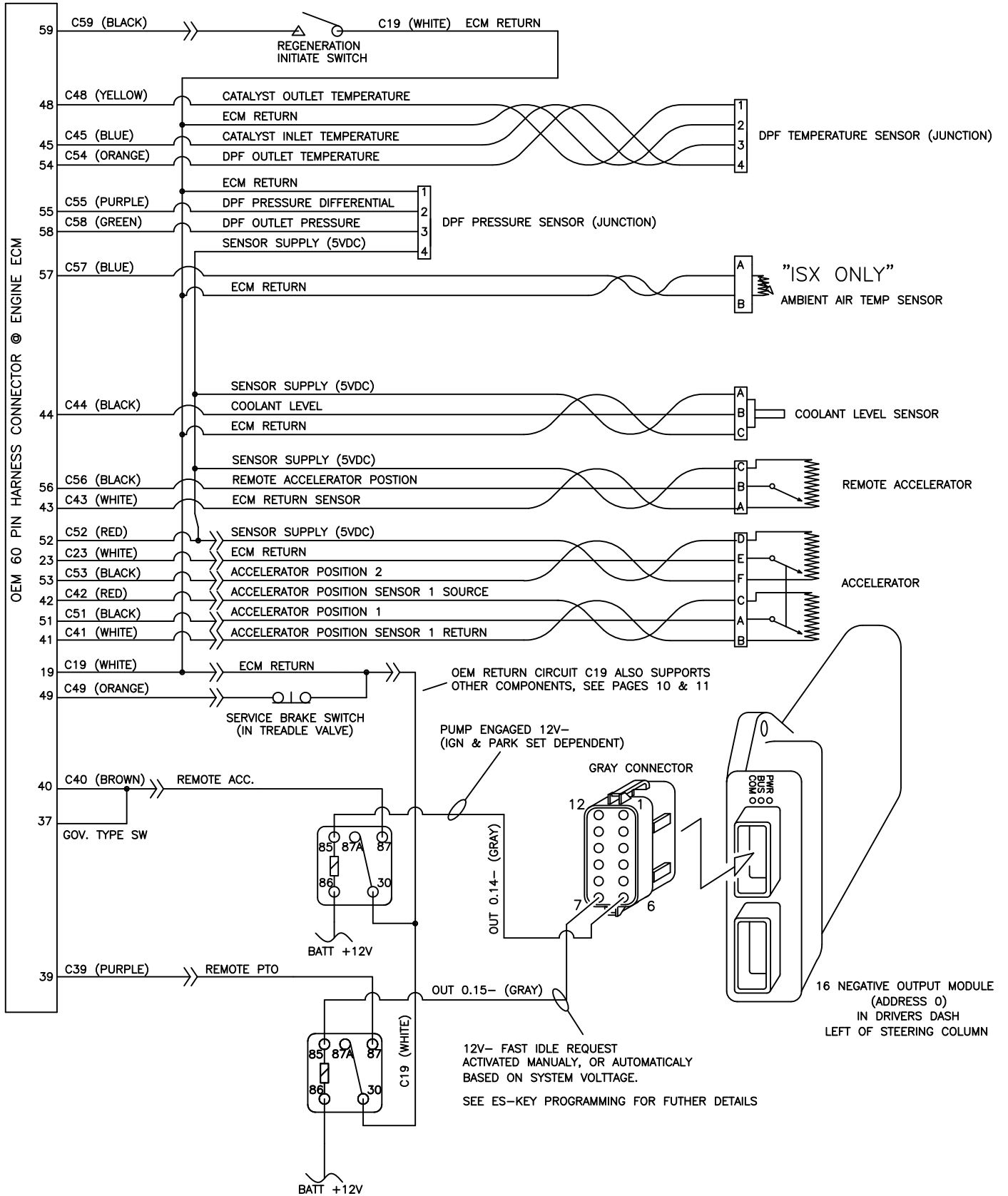


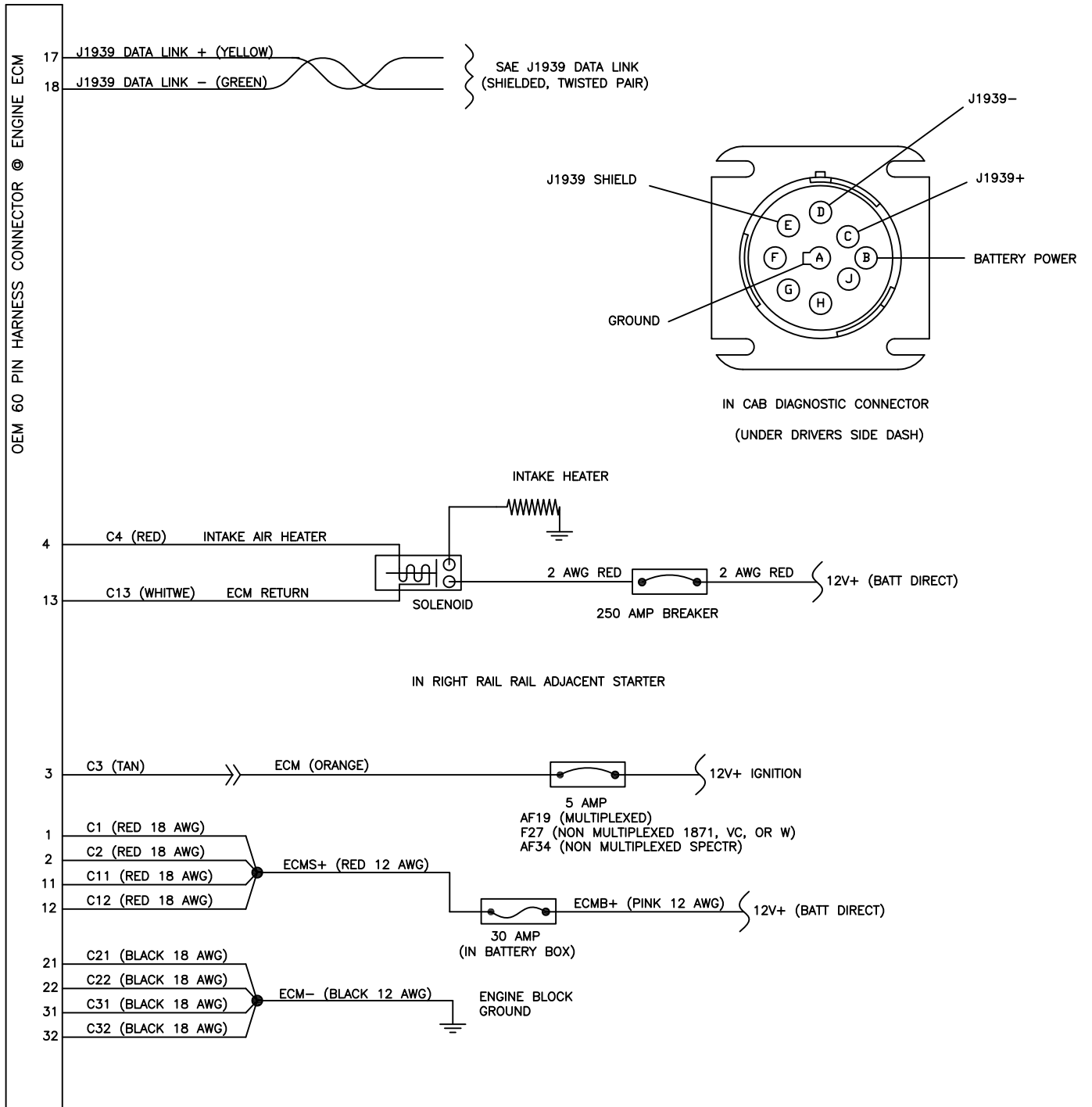
ENGINE HARNESS CAB CONNECTOR (BEHIND LEFT FRONT HEADLIGHT BUCKET)

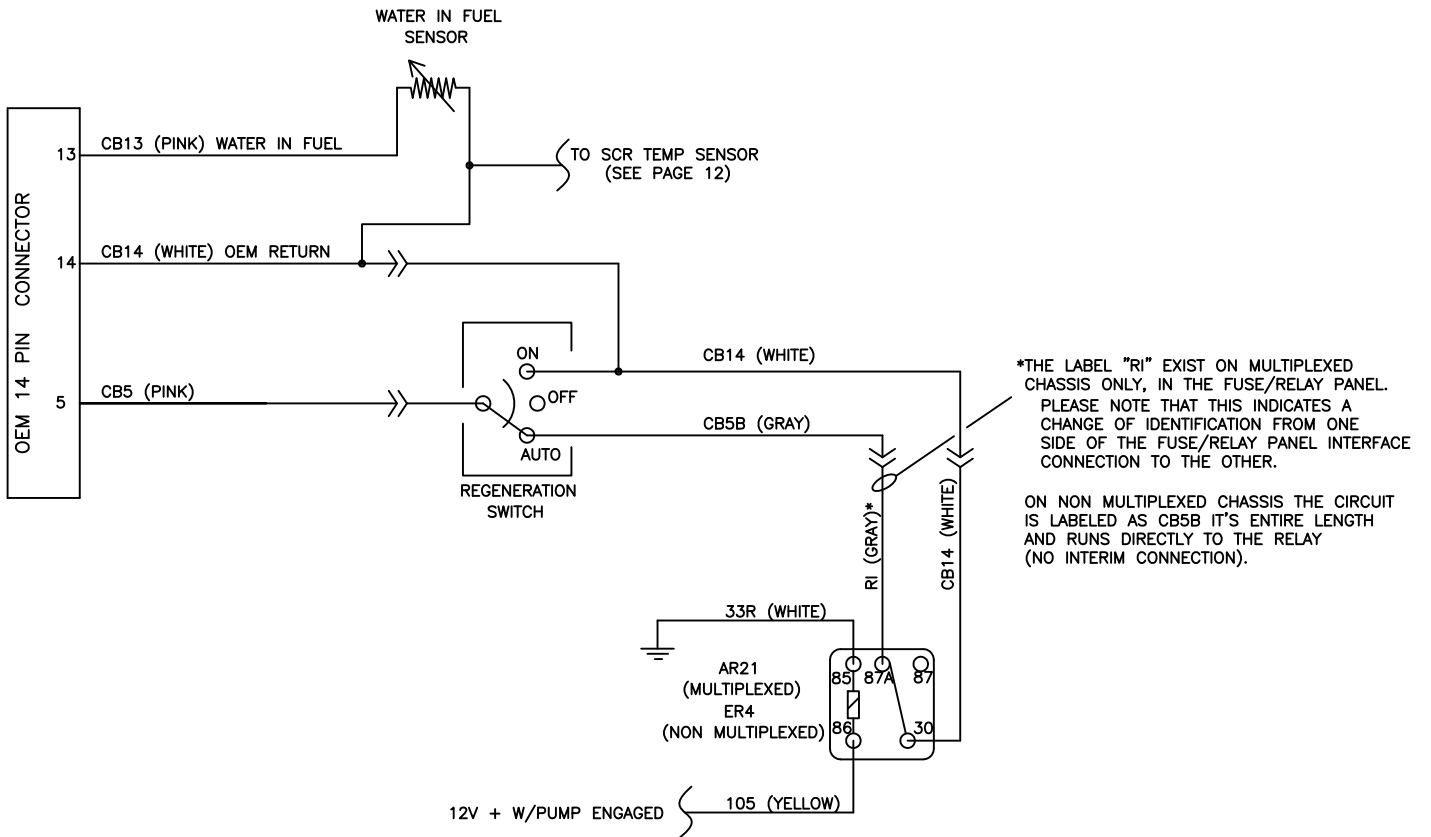
NON MULTIPLEXED

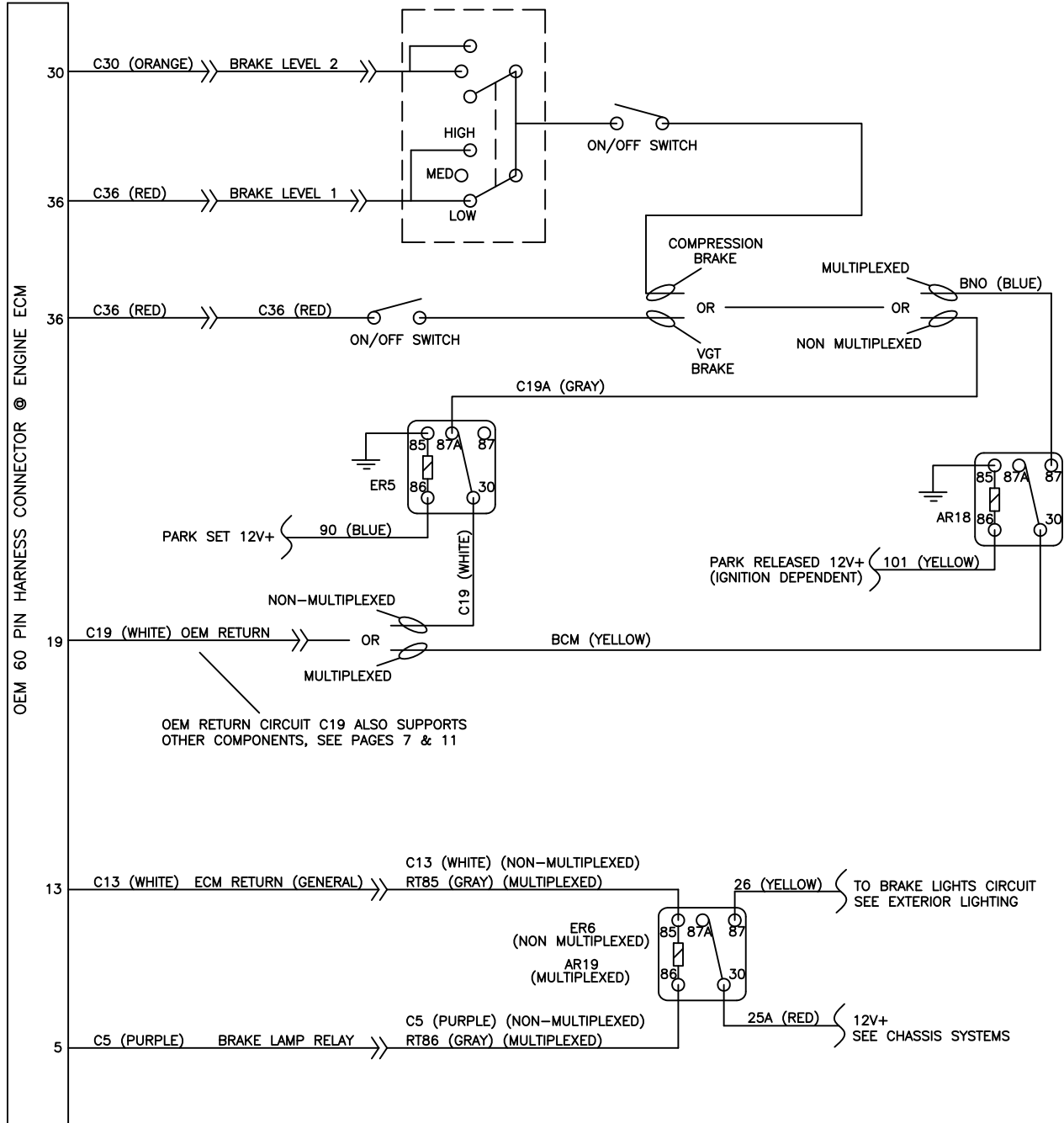


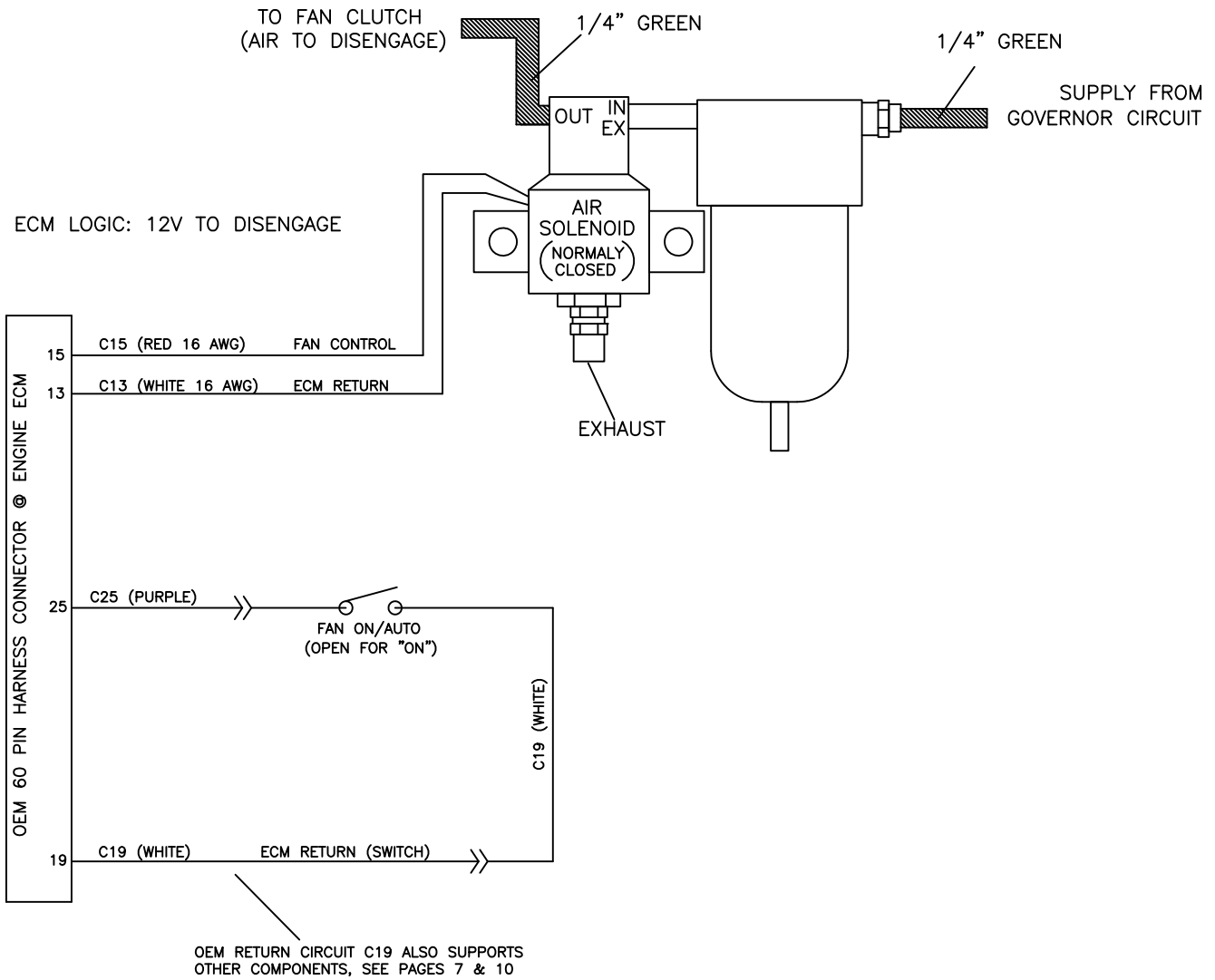
MULTIPLY



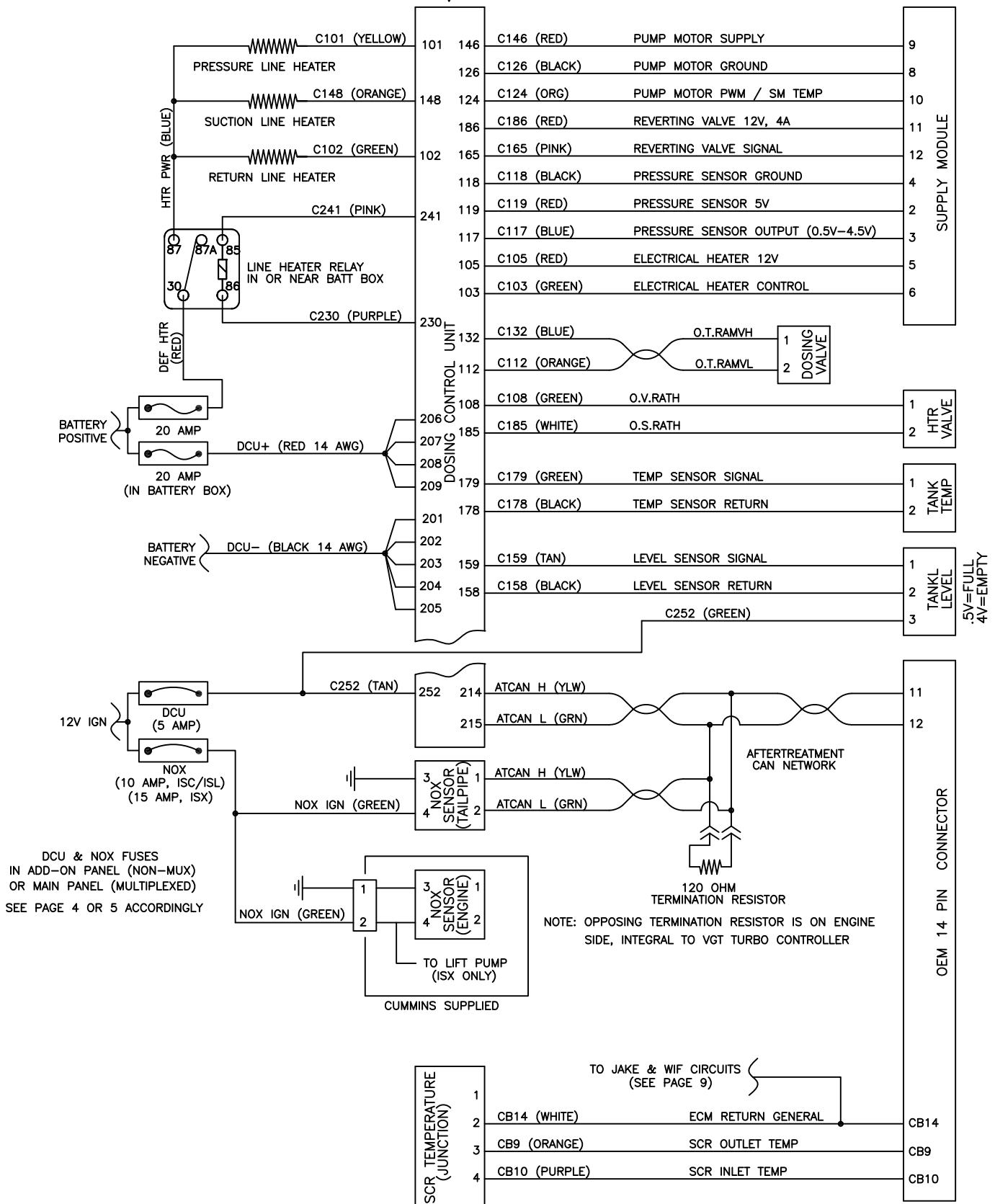


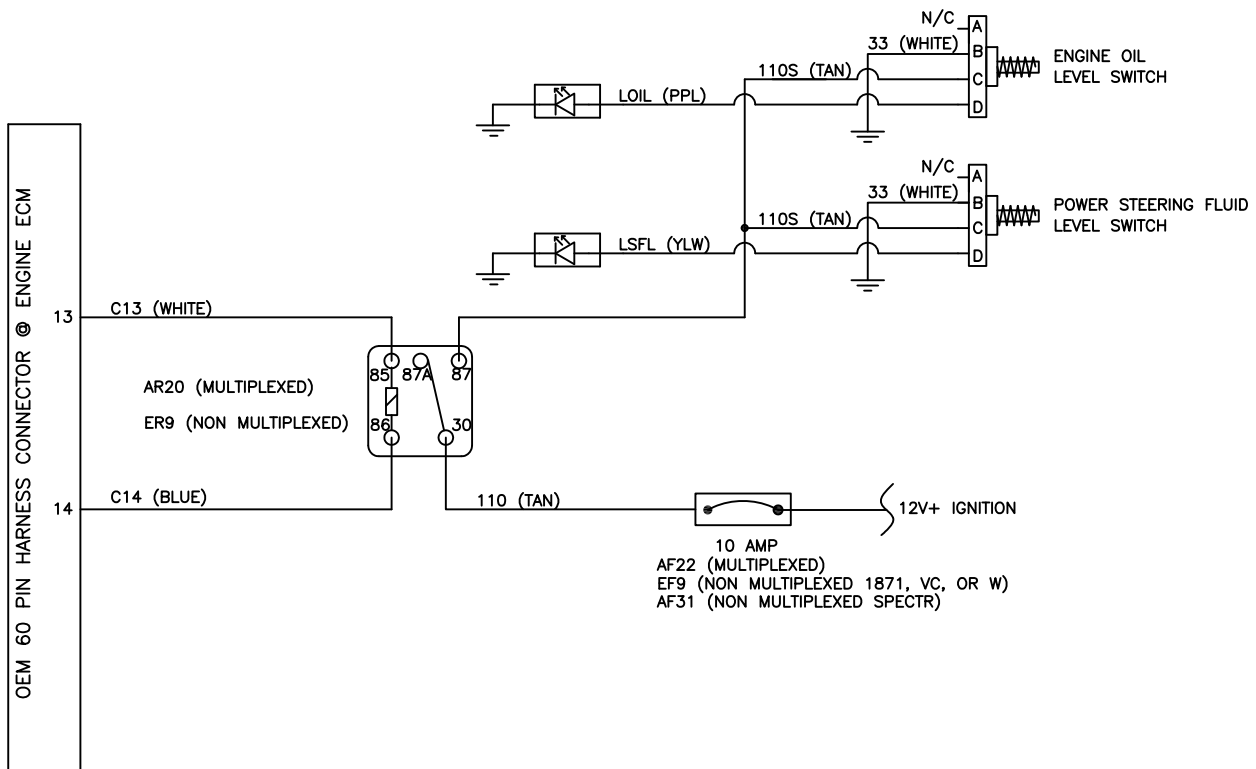






100 SERIES NUMBERS = LARGE CONNECTOR
 200 SERIES NUMBERS = SMALL CONNECTOR
 EX: "146" = CAVITY 46 OF LARGE CONNECTOR





DATE	PG	CHANGE DESCRIPTION
REV. A 3/18/10		ALL..... ORIGINAL RELEASE
REV. B 10/22/10		ADDED CIRCUIT ISOLATION RELAY'S FOR "REMOTE PTO" & REMOTE ACCEL SEE PG. 5 & 7B
REV. C 10/22/10		SEPARATE OEM INTERFACE PART 1 INTO A MULTIPLEXED & NON-MULTIPLEXED PAGE SEE PG. 7A & 7B
REV. D 9/24/10		SWAPPED CIRCUIT LOCATIONS C55 & C58 IN DPF PRESSURE SENSOR (JUNCTION) SEE PG. 7A & 7B
REV. E 2/5/13		ADDED LOW FLUID LEVEL POWER RELAY AND CIRCUITS SEE PG. 4, 5, 6, & 13 ADDED AMBIENT AIR TEMPERATURE CIRCUITS FOR ISX ENGINES SEE PG. 6, 7A & 7B