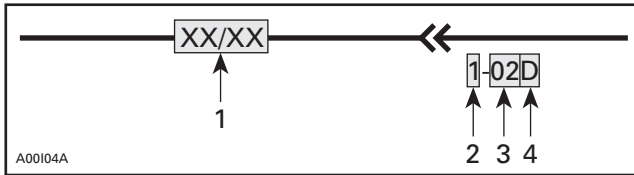


WIRING DIAGRAMS

WIRING CONNECTORS CODING

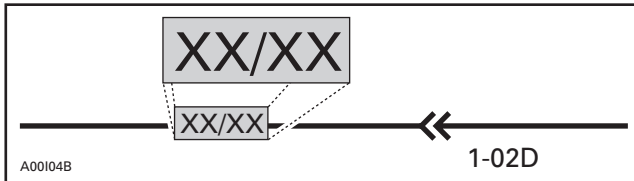
⚠ WARNING
 Ensure all terminals are properly crimped on the wires and all connector housings are properly fastened.



1. Wire colors
2. Connector housing area
3. Connector number
4. Wire connector location in housing

WIRE COLORS

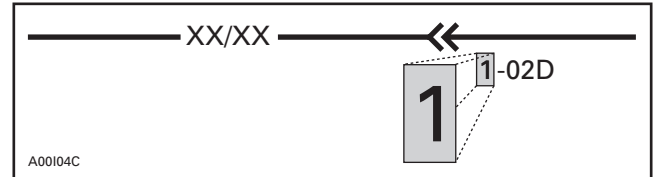
It identifies the color of a wire. When a 2-color scheme is used, the first color is the main color while the second color is the tracer color.



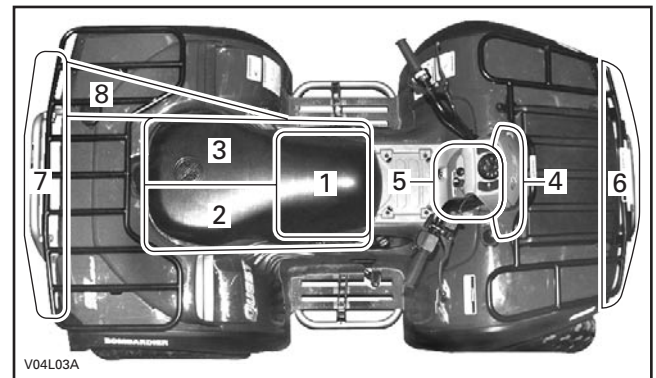
THE SHADED PART INDICATES THE WIRE COLOR

Example: YL/BK is a YELLOW wire with a BLACK stripe.

CONNECTOR HOUSING AREA



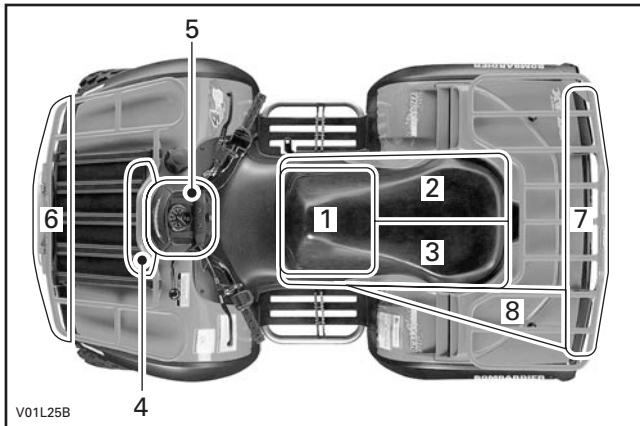
THE SHADED PART INDICATES THE CONNECTOR HOUSING AREA



AREA	LOCATION
1	Front of engine compartment
2	RH side of engine compartment
3	LH side of engine compartment
4	Behind fuel tank
5	Under steering cover
6	Front of vehicle
7	Rear of vehicle
8	Near radiator hoses

Section 13 WIRING DIAGRAMS

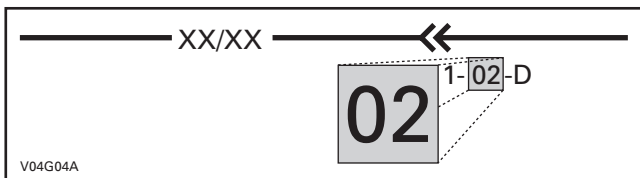
Subsection 01 (WIRING DIAGRAMS)



AREA	LOCATION
1	Front of engine compartment
2	RH side of engine compartment
3	LH side of engine compartment
4	Behind fuel tank
5	Under steering cover
6	Front of vehicle
7	Rear of vehicle
8	Near radiator hoses

CONNECTOR NUMBER

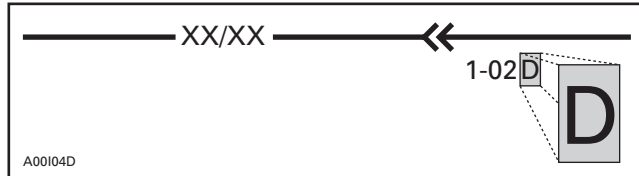
It represents a connector number in the given area. If there are many connectors in the same area this helps to identify which wire is in which connector.



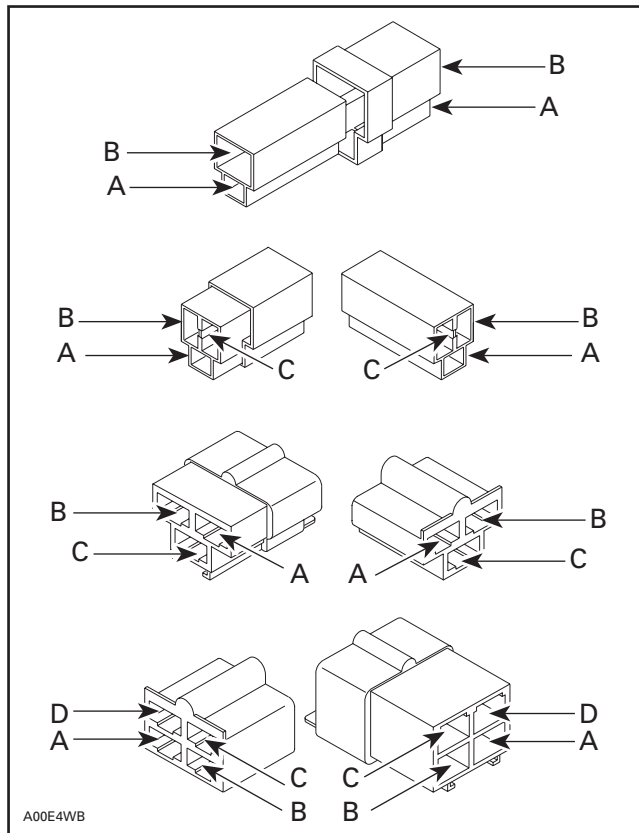
THE SHADED PART INDICATES A CONNECTOR NUMBER

CONNECTOR LOCATION IN HOUSING

This is the wire position in the connector. The number or letter given refers to the physical identification stamped on the connector.



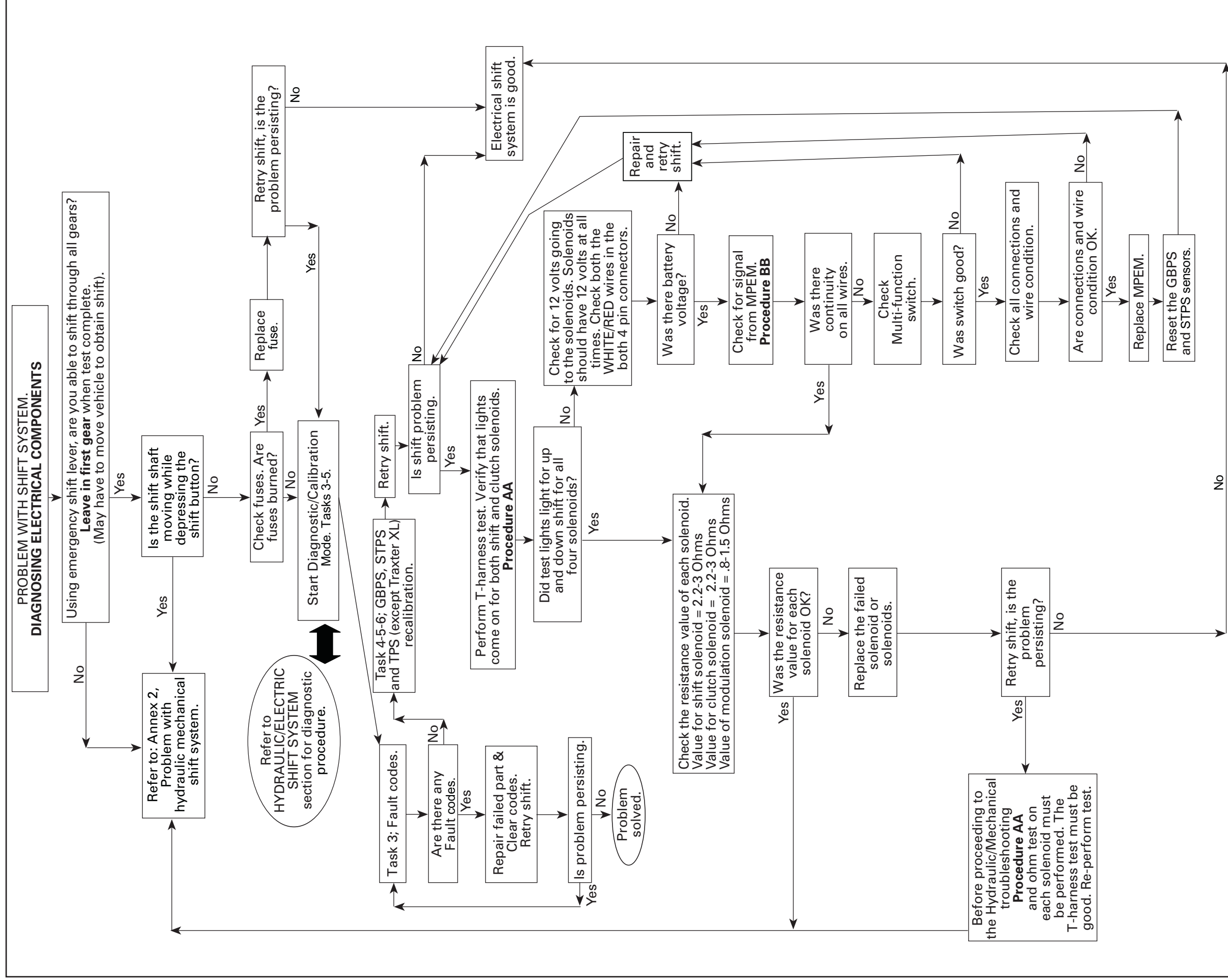
THE SHADED PART INDICATES THE CONNECTOR LOCATION IN HOUSING



TYPICAL

See connector housing illustration to OVERVIEW.

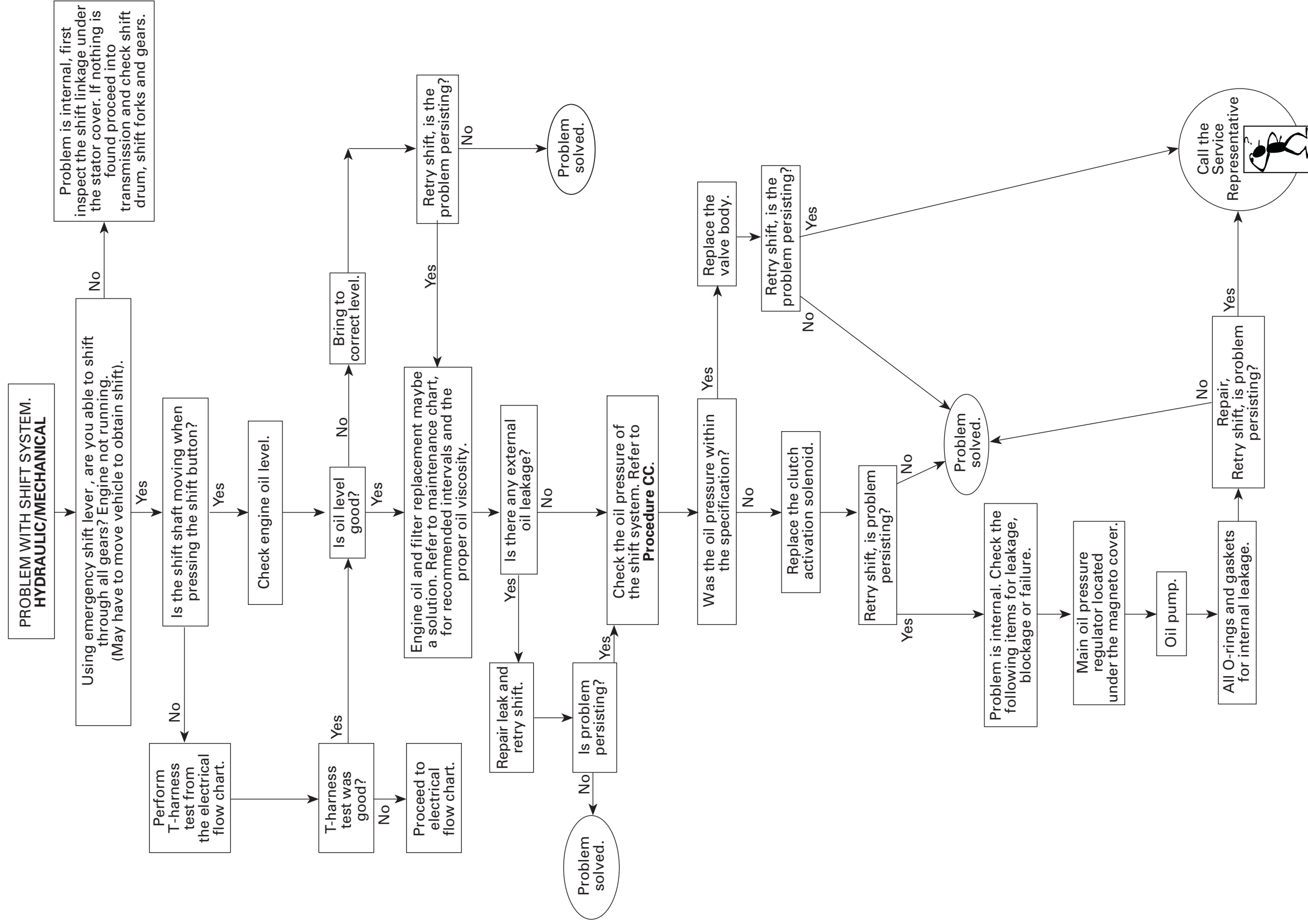
ANNEX 1



Procedure AA: Connect the T-harness P/N 529 035 653 into the Deutsch 4 pin connector for the valve body solenoids. With engine at idle press the shift button up then down. You should see one light for down shift and one for up shift. Connect next into the 4 pin Deutsch connector for the clutch solenoids. At idle while pressing the shift button you should see one light. Now raise RPM to 2000 and press button the other light should come on.

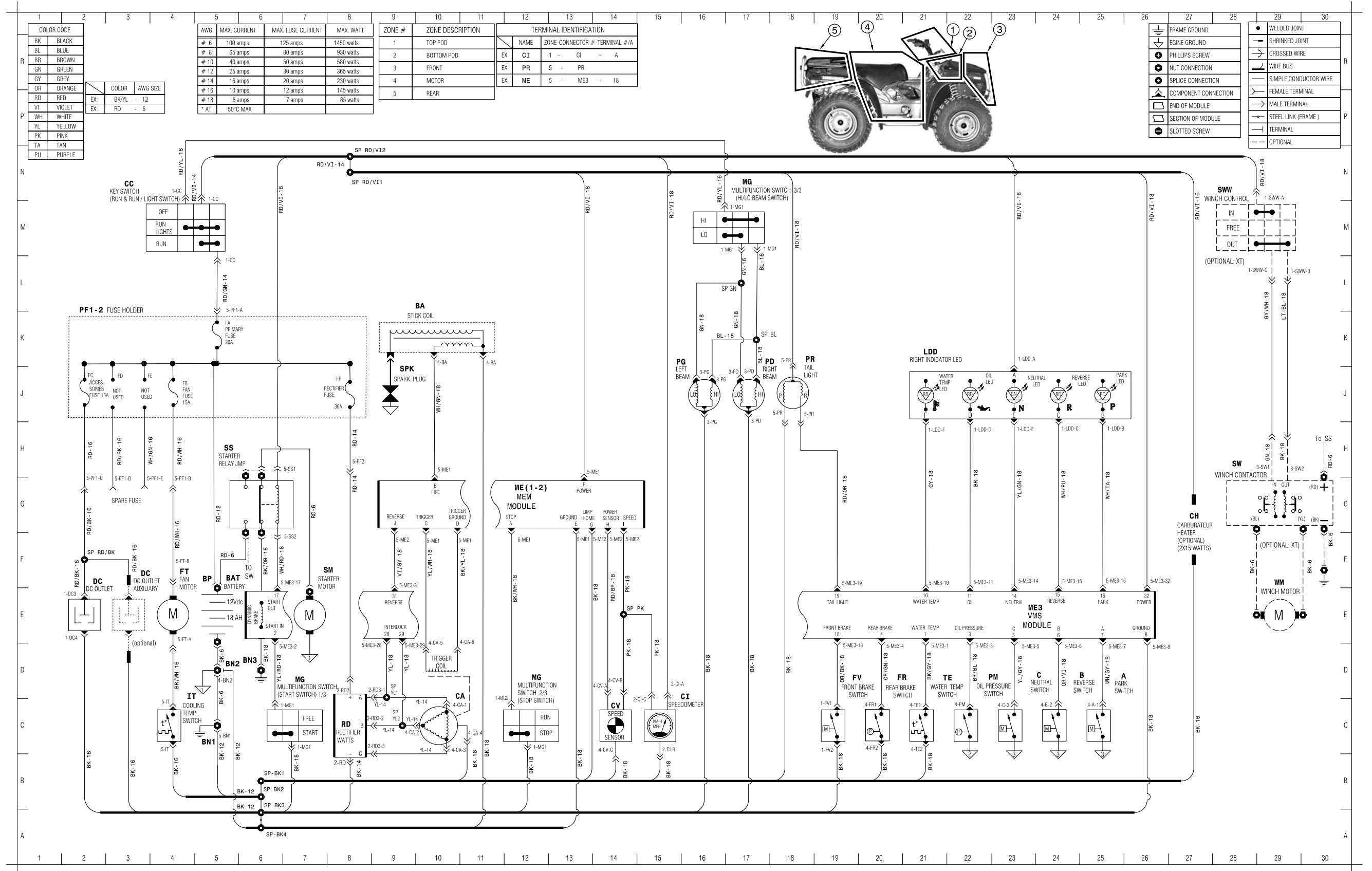
Procedure BB: With an Ohm Meter go from GREEN/RED for the upshift solenoid to ground. Press upshift button, then should be have continuity. Perform same test for ORANGE/RED, downshift. Press downshift and should have continuity. To test the clutch solenoids, go from the BLUE/RED to ground, press up or down shift and should have continuity. For the clutch re-engagement or modulation solenoid, go from BLUE/ORANGE to ground, rev engine to 2000 RPM, press shift button up or down, should have continuity. (this is a duty cycle solenoid, the duty cycle comes from the MPEM).

ANNEX 2

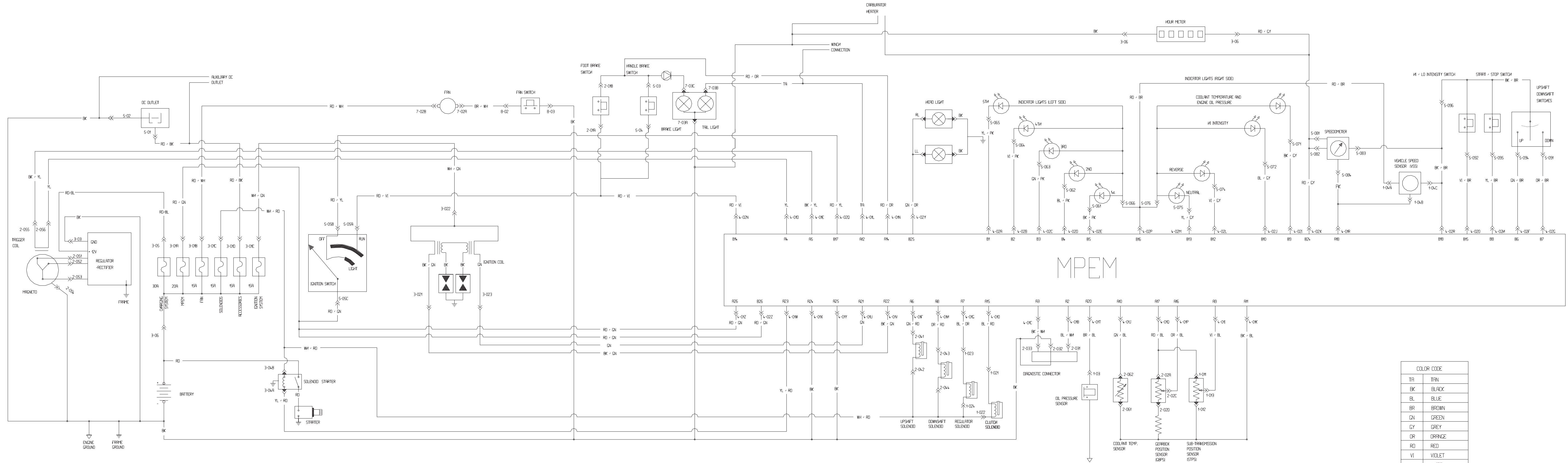


Procedure CC: Oil pressure test must be performed with warm engine and the recommended viscosity oil. Remove the oil pressure switch. Be sure all connections are tight. Vehicle in neutral and emergency brake applied, start engine, press the shift button with engine at idle, (may require multiple shift selections to achieve dog on dog, to be able to see the pressure on the gauge you will need to create a miss shift, or dog on dog. Otherwise the gauge will not re-act fast enough to show the quick spike in pressure) should see 60 PSI to 120 PSI. Now rev engine to 3000 RPM, again press shift button, should see from 100 PSI to 130 PSI (same multiple shift selection procedure applies).

QUEST

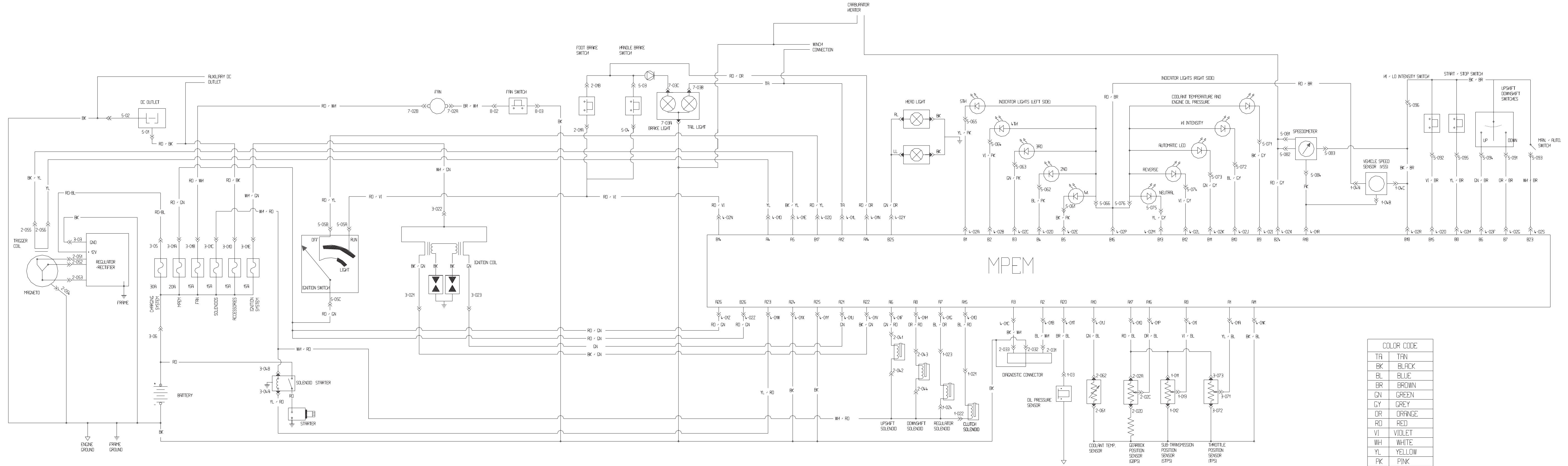


TRAXTER XL



COLOR CODE	
TA	TAN
BK	BLACK
BL	BLUE
BR	BROWN
GN	GREEN
GY	GREY
OR	ORANGE
RD	RED
VI	VIOLET
WH	WHITE
YL	YELLOW
PK	PINK

TRAXTER AUTO AND TRAXTER MAX



TRAXTER XT AND TRAXTER MAX XT

