

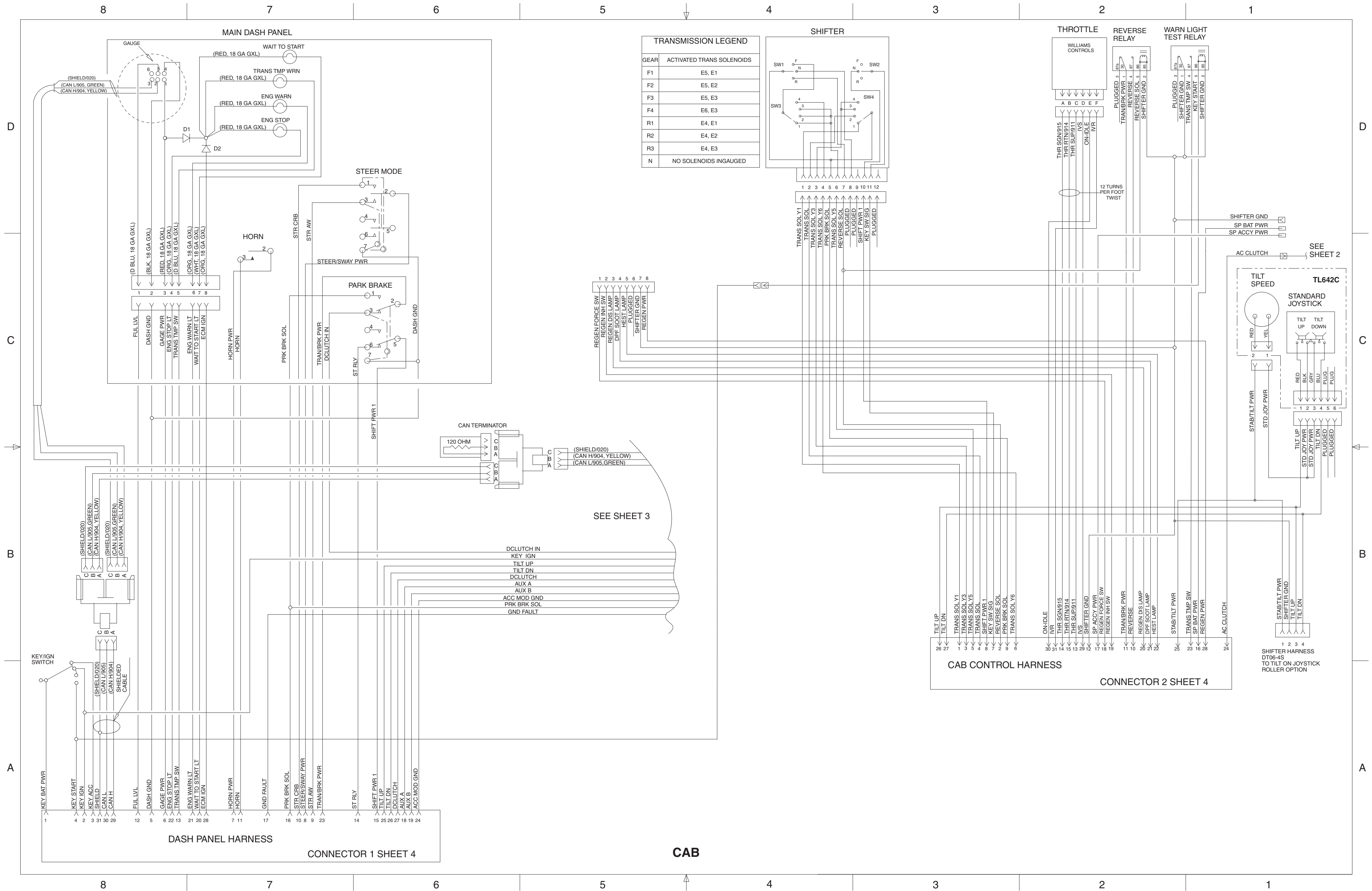
TRANSMISSION LEGEND

GEAR	ACTIVATED TRANS SOLENOIDS
F1	E5, E1
F2	E5, E2
F3	E5, E3
F4	E6, E3
R1	E4, E1
R2	E4, E2
R3	E4, E3
N	NO SOLENOIDS INGAUGED

TL642C S/N THG00150 & After
TL943C S/N THH00150 & After

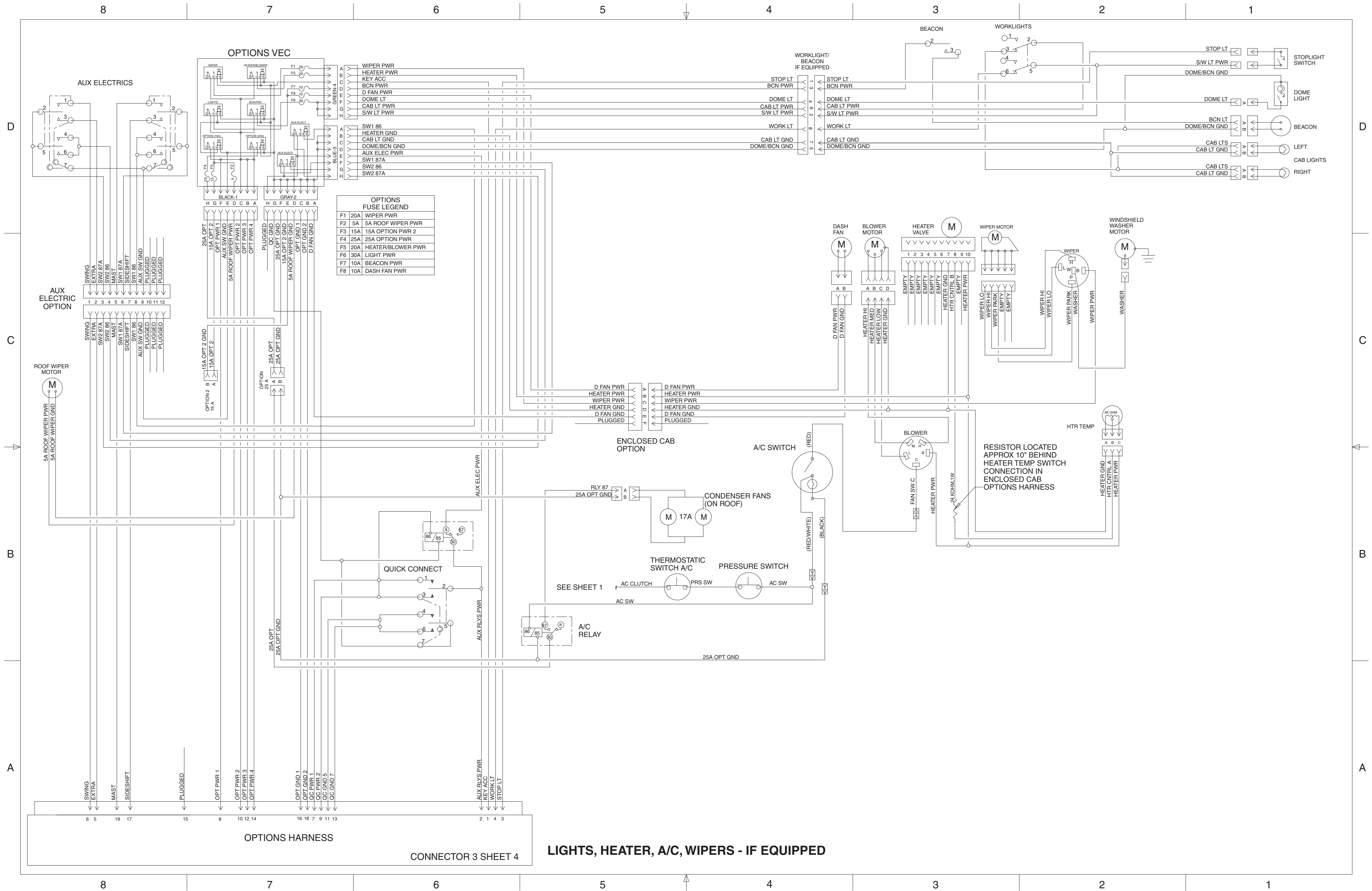
TL642C & TL943C
Electrical Schematic
31200830





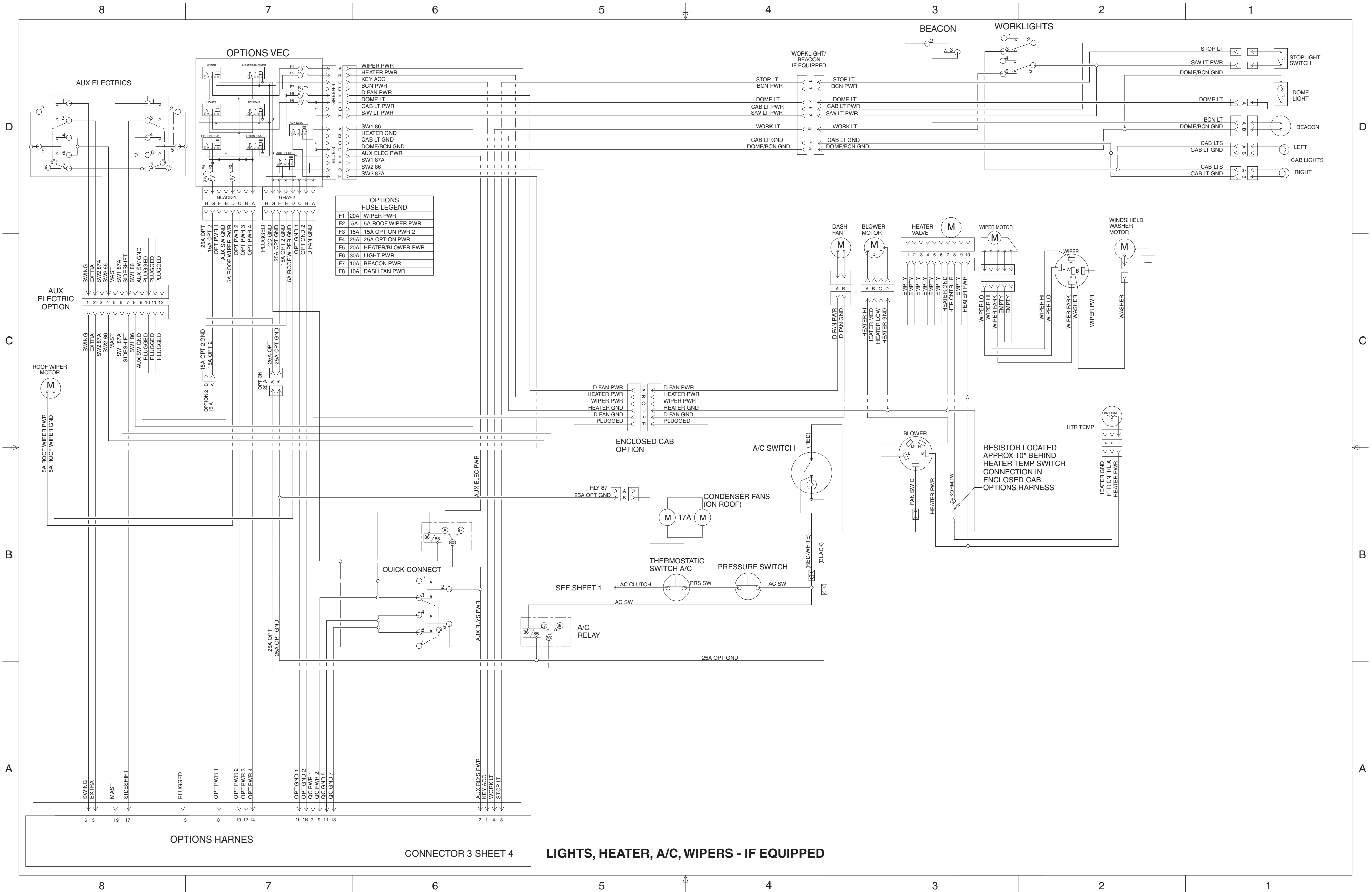
TL642C S/N THL00150 & After
 TL943C S/N SXH00150 & After

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8 7 6 5 4 3 2 1

CONNECTOR	PIN	TAGNAME	DESCRIPTION	TYPE
J1 (BLACK)	1	KEY IGN	IGNITION	POWER INPUT
	2	ACC MOD GND	ACCESSORY MODULE GROUND	POWER INPUT
	3	TRIG	JOYSTICK TRIGGER FOR DE-CLUTCH	DIGITAL INPUT
	4	DCLUTCH IN	TRANSMISSION DE-CLUTCH INPUT	DIGITAL INPUT
	5	DI2	SPARE DIGITAL INPUT	DIGITAL INPUT
	6	ROLLER SEL	ROLLER / JOYSTICK SELECT	DIGITAL INPUT
	7	TILT UP	TILT UP VALVE	DIGITAL OUTPUT
	8	TILT DN	TILT DOWN VALVE	DIGITAL OUTPUT
	9	AUX A	AUX HYD VALVE A	DIGITAL OUTPUT
	10	AUX B	AUX HYD VALVE B	DIGITAL OUTPUT
	11	DCLUTCH	TRANSMISSION DE-CLUTCH OUTPUT	DIGITAL OUTPUT
	12	GND FAULT	GND RLY FAULT SIG	DIGITAL OUTPUT
J2 (GREY)	1	5 EXC TILT	+5 ANALOG EXCITATION VOLTAGE	POWER OUTPUT
	2	TILT SIG A	FORK TILT SIGNAL A	ANALOG INPUT
	3	TILT GND	ANALOG GROUND	POWER OUTPUT
	4	5 EXC AUX	+5 ANALOG EXCITATION VOLTAGE	POWER OUTPUT
	5	AUX SIG A	AUX HYD SIGNAL A	ANALOG INPUT
	6	AUX GND	ANALOG GROUND	POWER OUTPUT
	7	TILT SIG B	FORK TILT SIGNAL B	ANALOG INPUT
	8	AUX SIG B	AUX HYD SIGNAL B	ANALOG INPUT
	9	CAN H/904	CANBUS HIGH	SERIAL I/O
	10	CAN L/905	CANBUS LOW	SERIAL I/O
	11	TX	RS-232 TRANSMIT	SERIAL OUTPUT
	12	RX	RS-232 RECEIVE	SERIAL INPUT

D

D

C

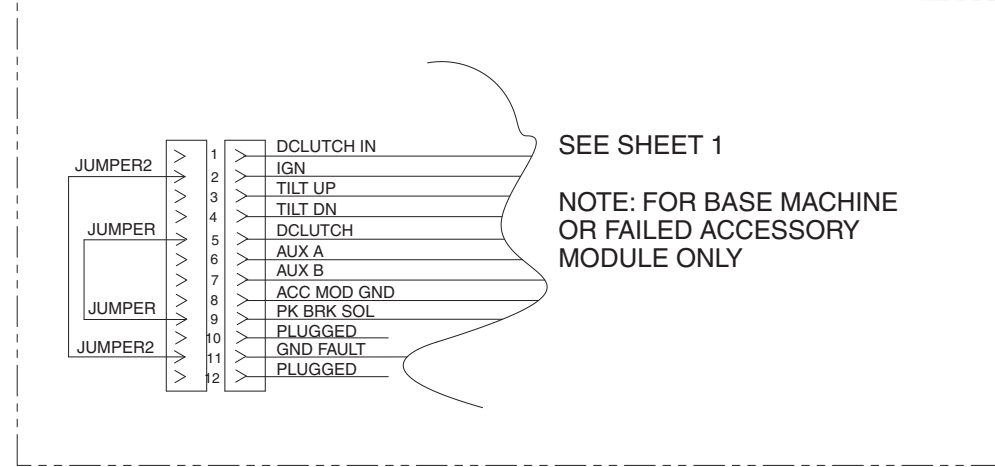
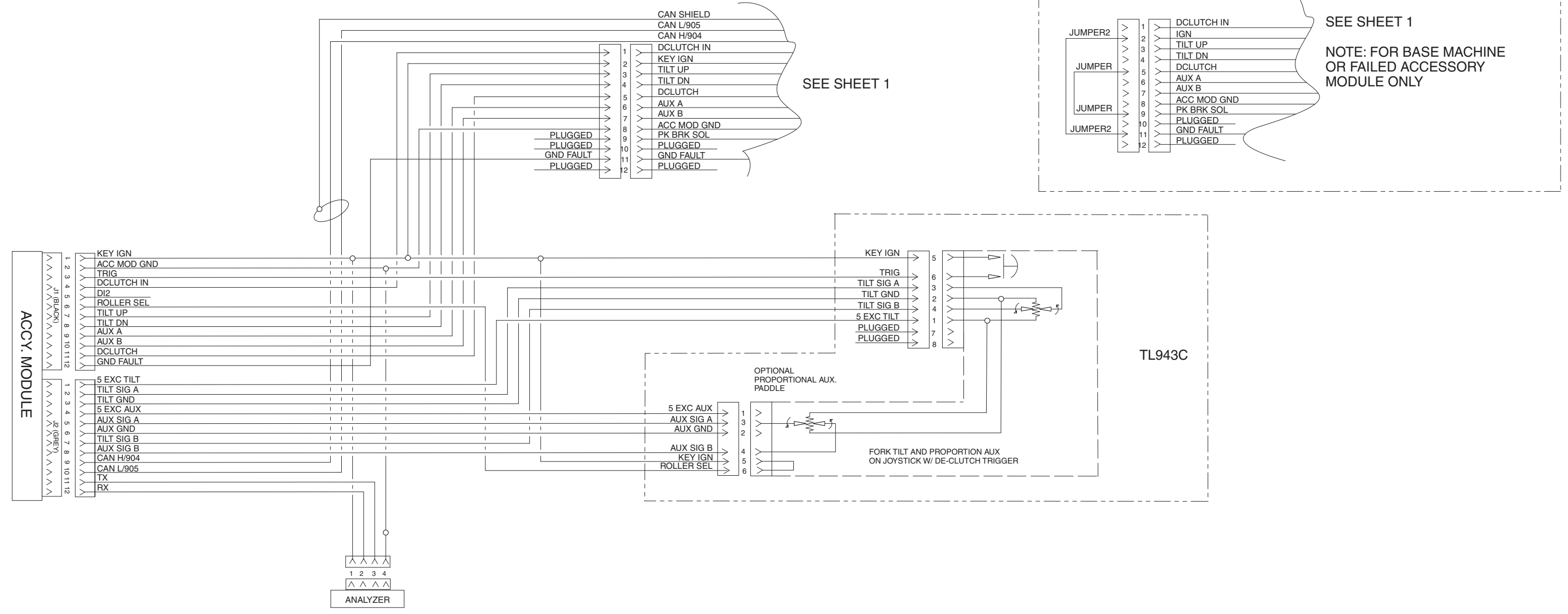
C

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A



ACCESSORY MODULE

8 7 6 5 4 3 2 1



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D

D

C

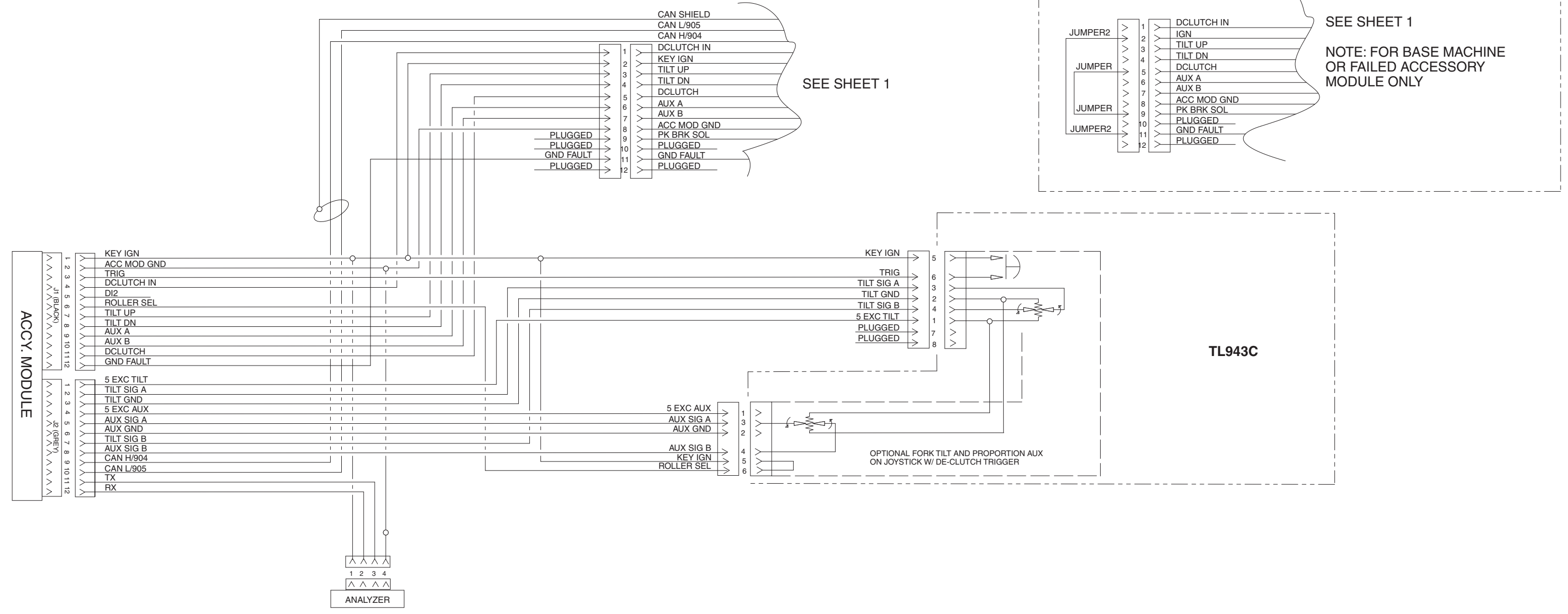
C

B

B

A

A



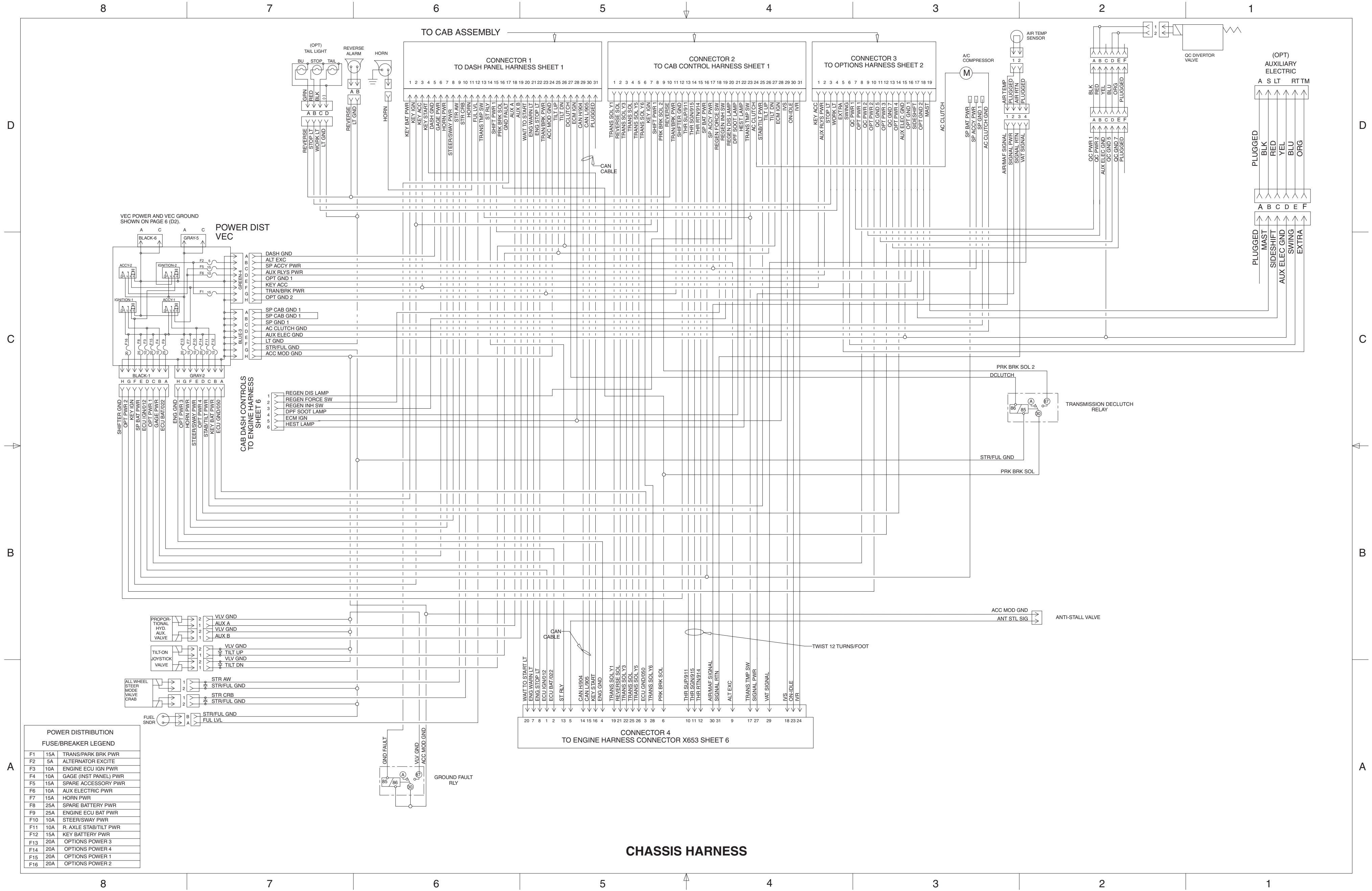
ACCESSORY MODULE

8 7 6 5 4 3 2 1



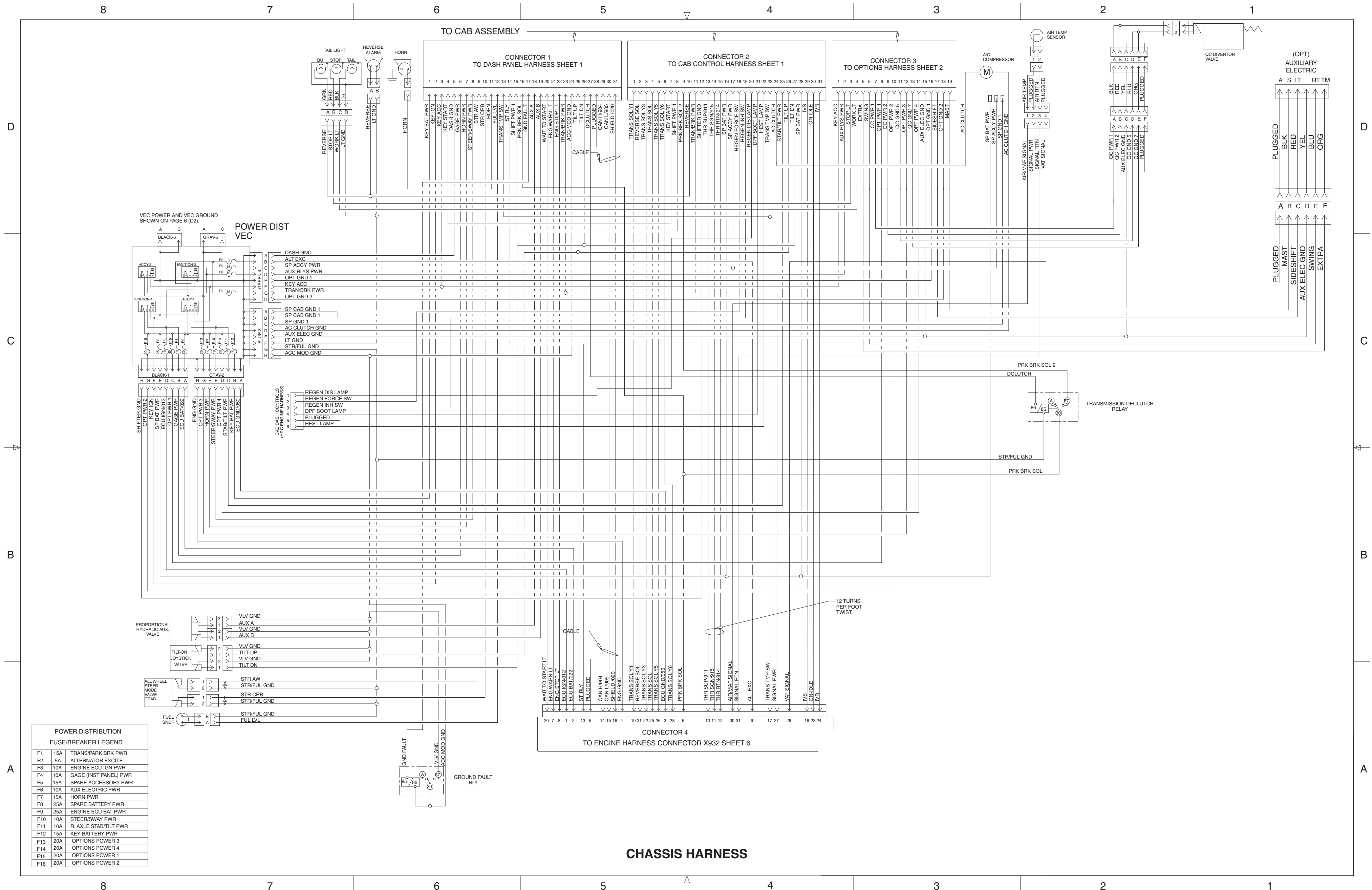
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TL943C S/N SXH00150 & After

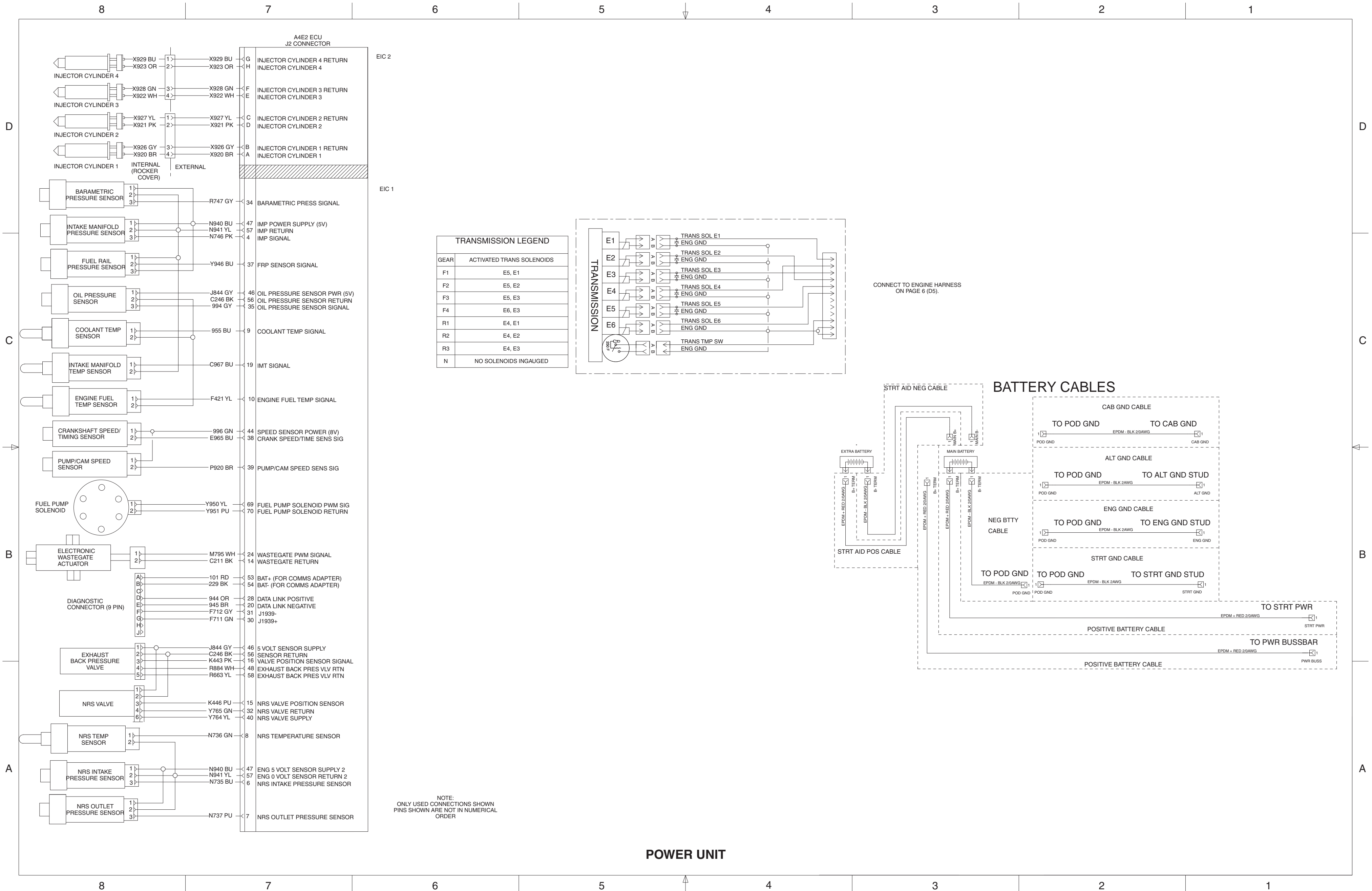
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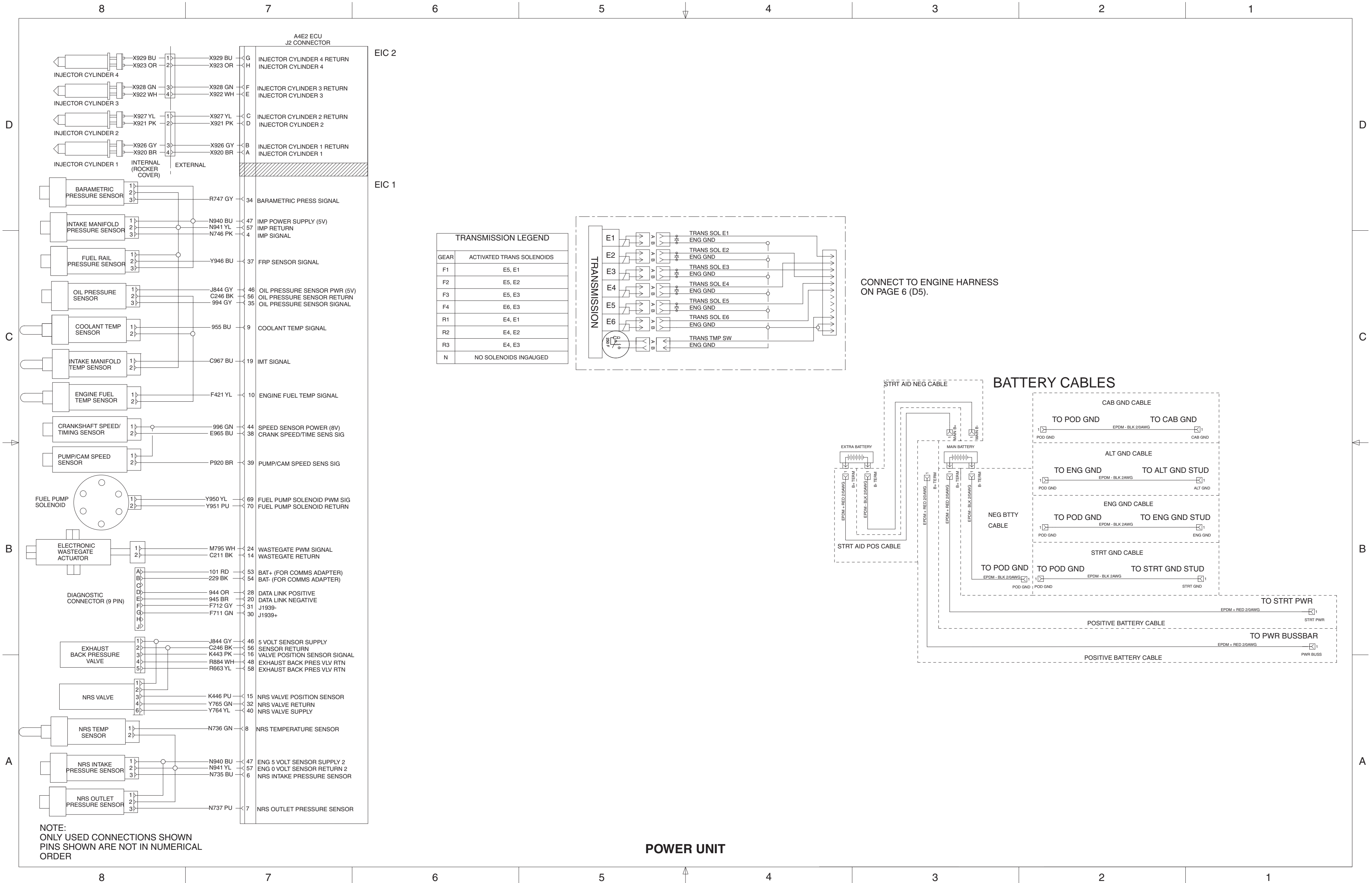


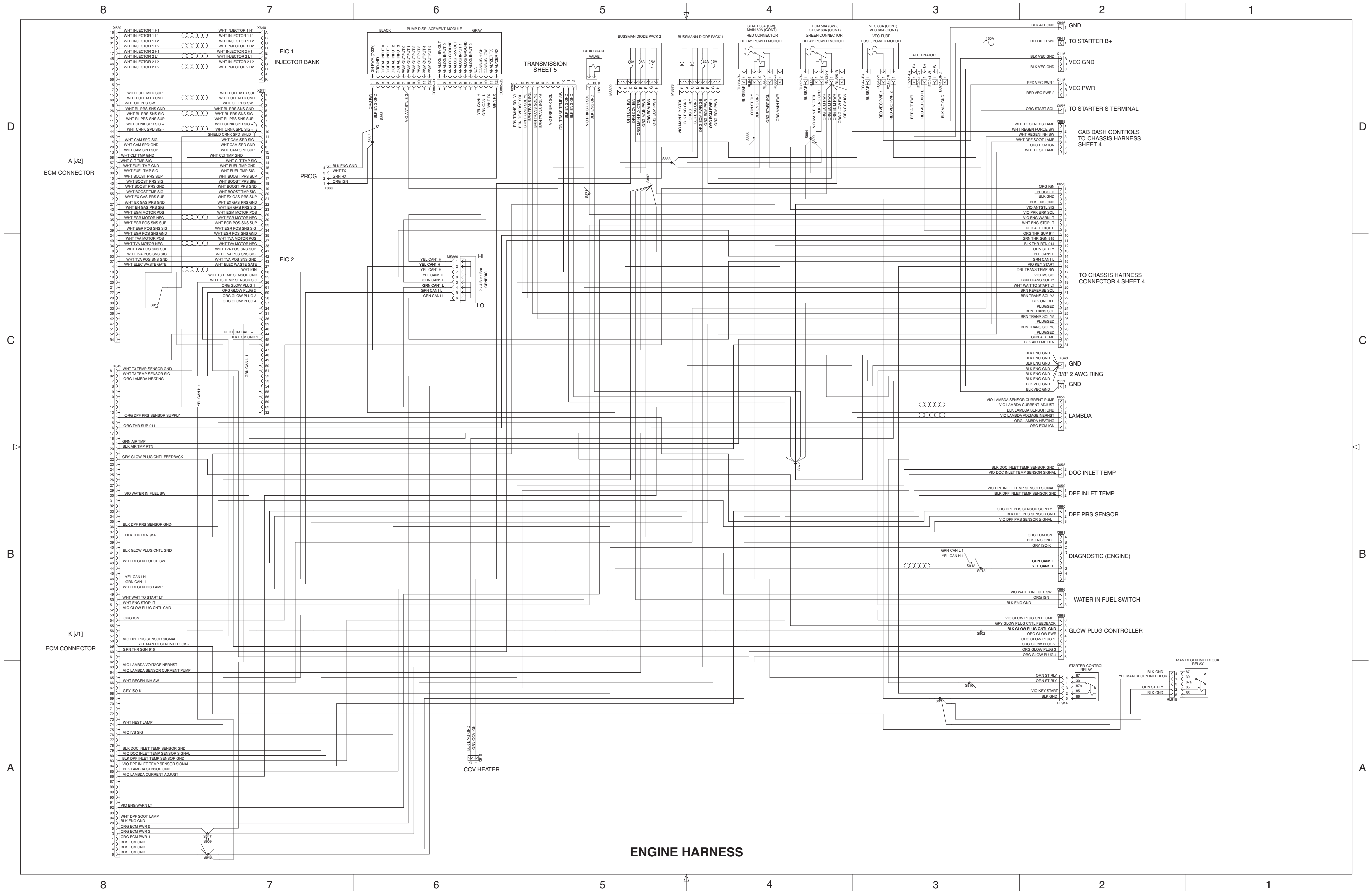
TL642C S/N THG00150 & After
TL943C S/N THH00150 & After

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ENGINE HARNESS



TL642C S/N THG00150 & After
 TL943C S/N THH00150 & After

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