

Chapter 12

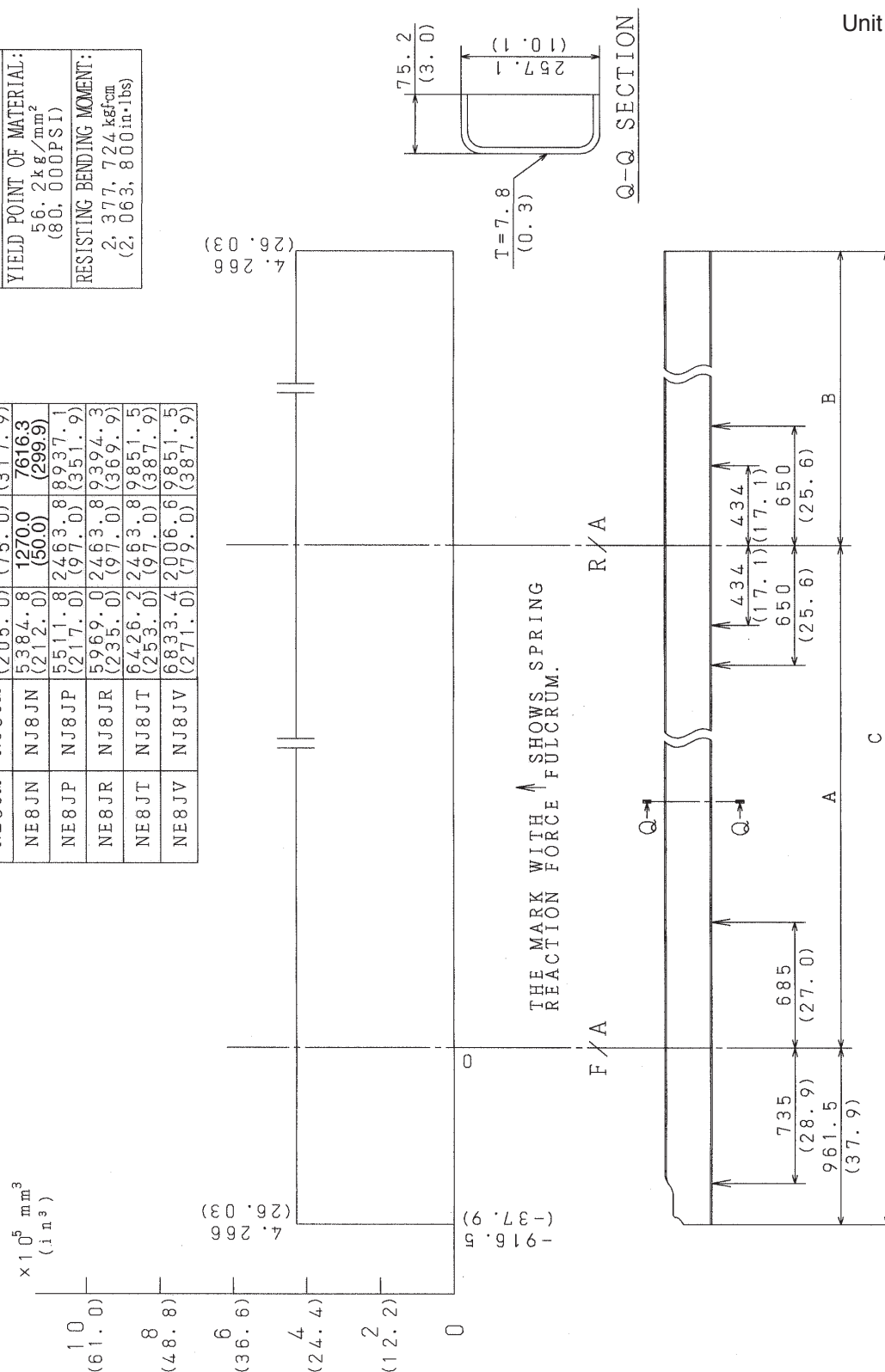
OTHERS DATA

1. DIAGRAM OF FRAME SECTION MODULUS
2. SUSPENSION DEFLECTION CHART
3. BRAKE PIPING DIAGRAM
4. ELECTRIC WIRING DIAGRAM
5. CONNECTORS
6. METRIC/U.S. CUSTOMARY UNIT EQUIVALENTS

**MODEL : NE8J (EXCEPT NE8JGSA AND REAR AIR SUSPENSION)
NJ8J (EXCEPT NJ8JGSA AND REAR AIR SUSPENSION)**

- | |
|---|
| MATERIAL |
| SPH590 |
| YIELD POINT OF MATERIAL:
56.2 kg/mm ²
(80,000 PSI) |
| RESISTING BENDING MOMENT:
2,377.724 kgf·cm
(2,063,800 in·lbs) |

MODEL		A	B	C
NE8JJ	NJ8JJ	4445.0 (175.0)	1600.2 (63.0)	7006.7 (275.9)
NE8JL	NJ8JL	4749.8 (187.0)	1905.0 (75.0)	7616.3 (299.9)
NE8JM	NJ8JM	5207.0 (205.0)	1905.0 (75.0)	8073.5 (317.9)
NE8JN	NJ8JN	5384.8 (212.0)	1270.0 (50.0)	7616.3 (299.9)
NE8JP	NJ8JP	5511.8 (217.0)	2463.8 (97.0)	8937.1 (351.9)
NE8JR	NJ8JR	5969.0 (235.0)	2463.8 (97.0)	9394.3 (369.9)
NE8JT	NJ8JT	6426.2 (253.0)	2463.8 (97.0)	9851.5 (387.9)
NE8JV	NJ8JV	6833.4 (271.0)	2006.6 (79.0)	9851.5 (387.9)

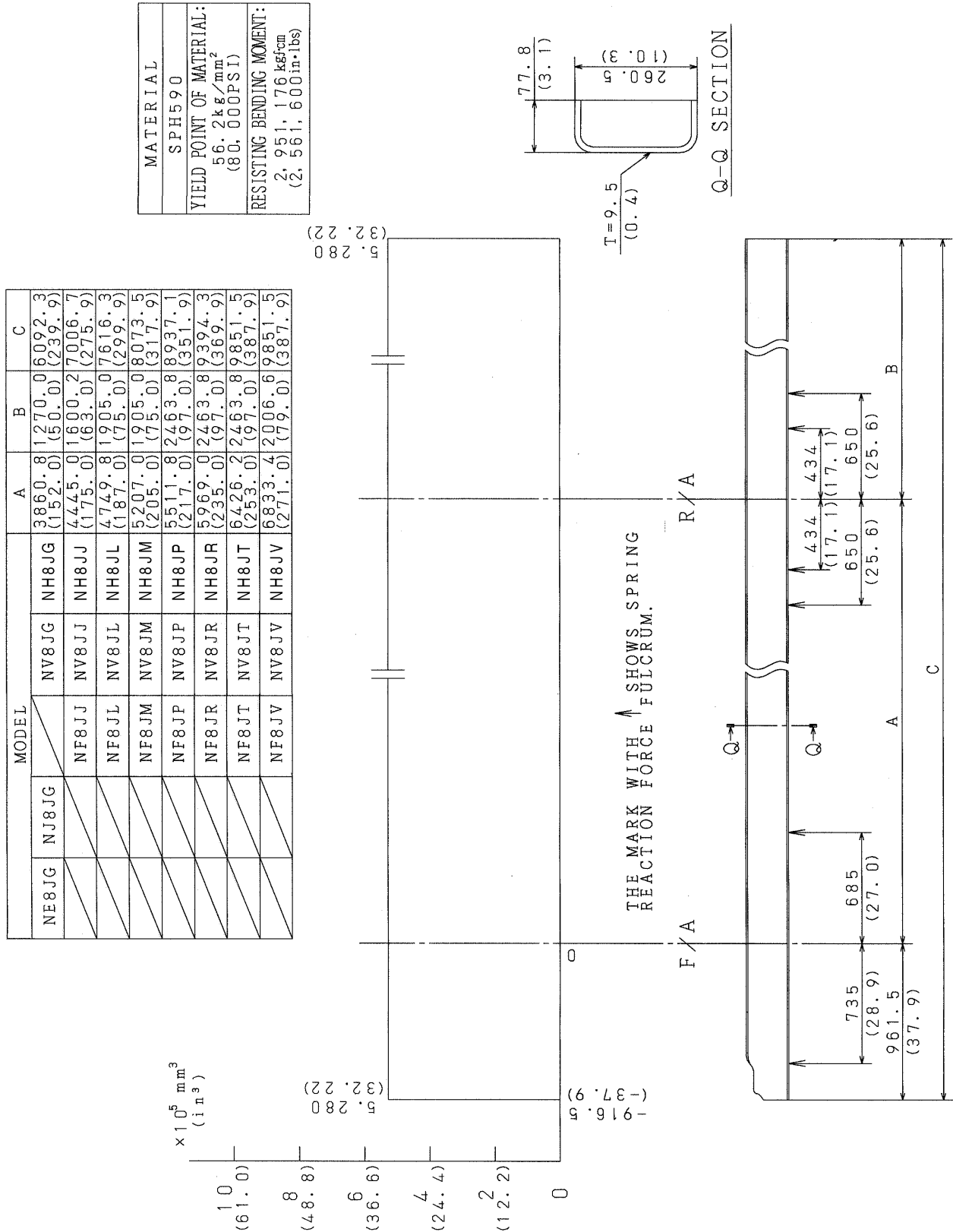


Unit : mm (in.)

MODEL : NE8JGSA AND NJ8JGSA**NF8J, NV8J AND NH8J (EXCEPT REAR AIR SUSPENSION)**

- DIAGRAM OF SECTION MODULUS OF MAIN FRAME ON BOTH SIDES

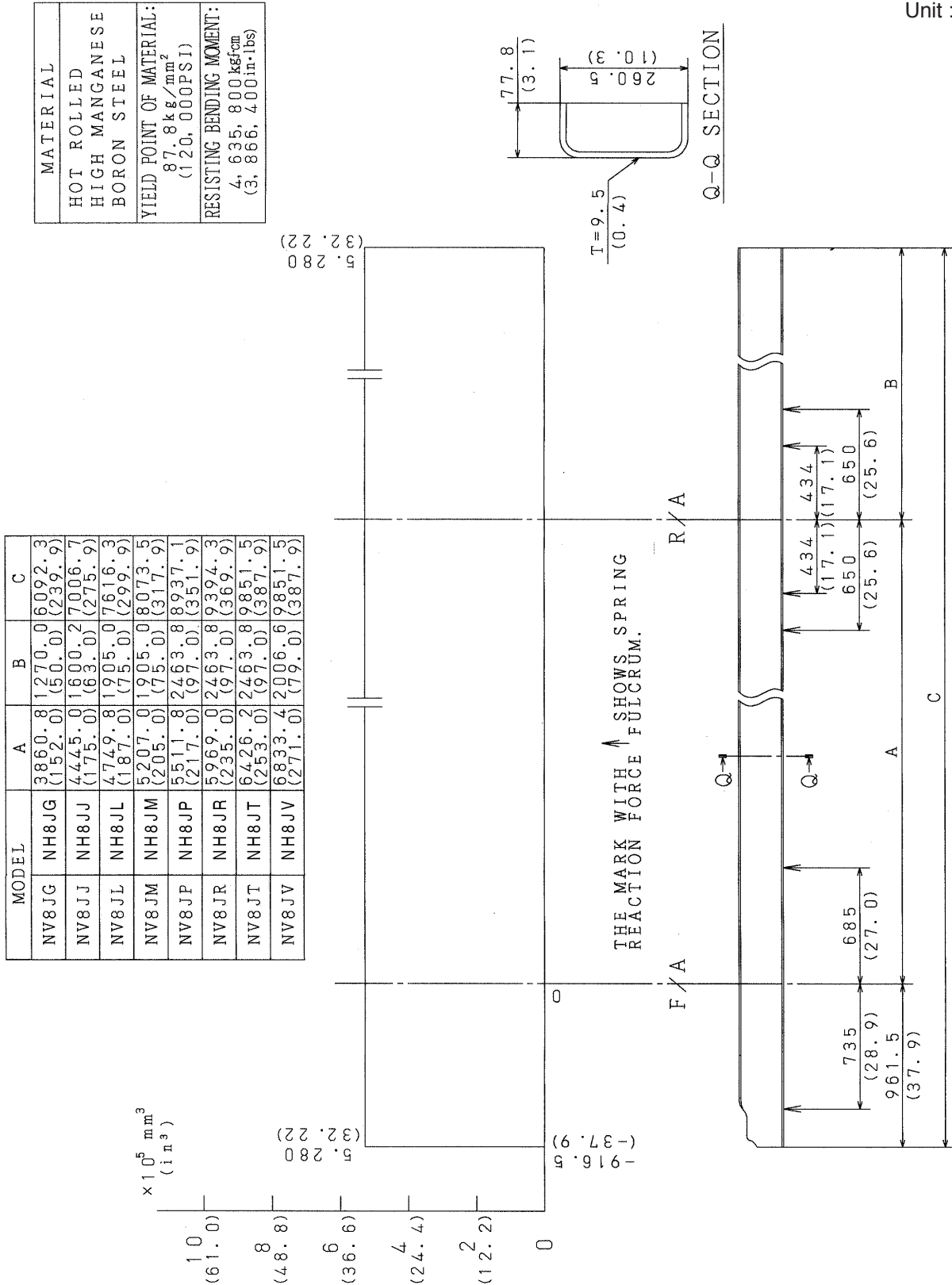
Unit : mm (in.)



**MODEL : NV8JGSA, JSA, LSA, MSA, PSA, RSA, TSA, VSA
NH8JGSA, JSA, LSA, MSA, PSA, RSA, TSA, VSA
(YIELD POINT OF MATERIAL : 120000PSI)**

• DIAGRAM OF SECTION MODULUS OF MAIN FRAME ON BOTH SIDES

Unit : mm (in.)

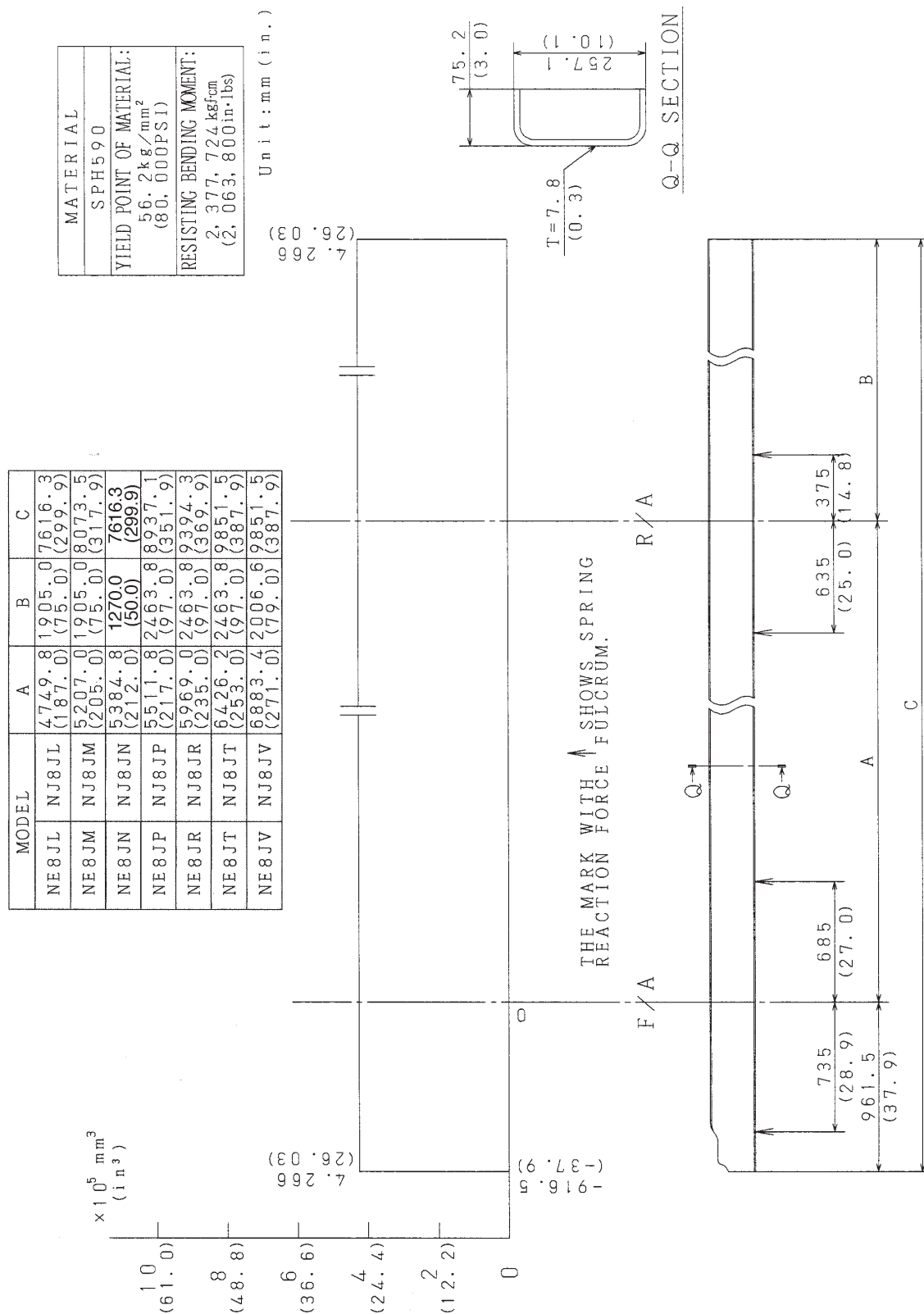


MODEL : NE8J (REAR AIR SUSPENSION EXCEPT NE8JGSG)

NJ8J (REAR AIR SUSPENSION EXCEPT NJ8JGSG)

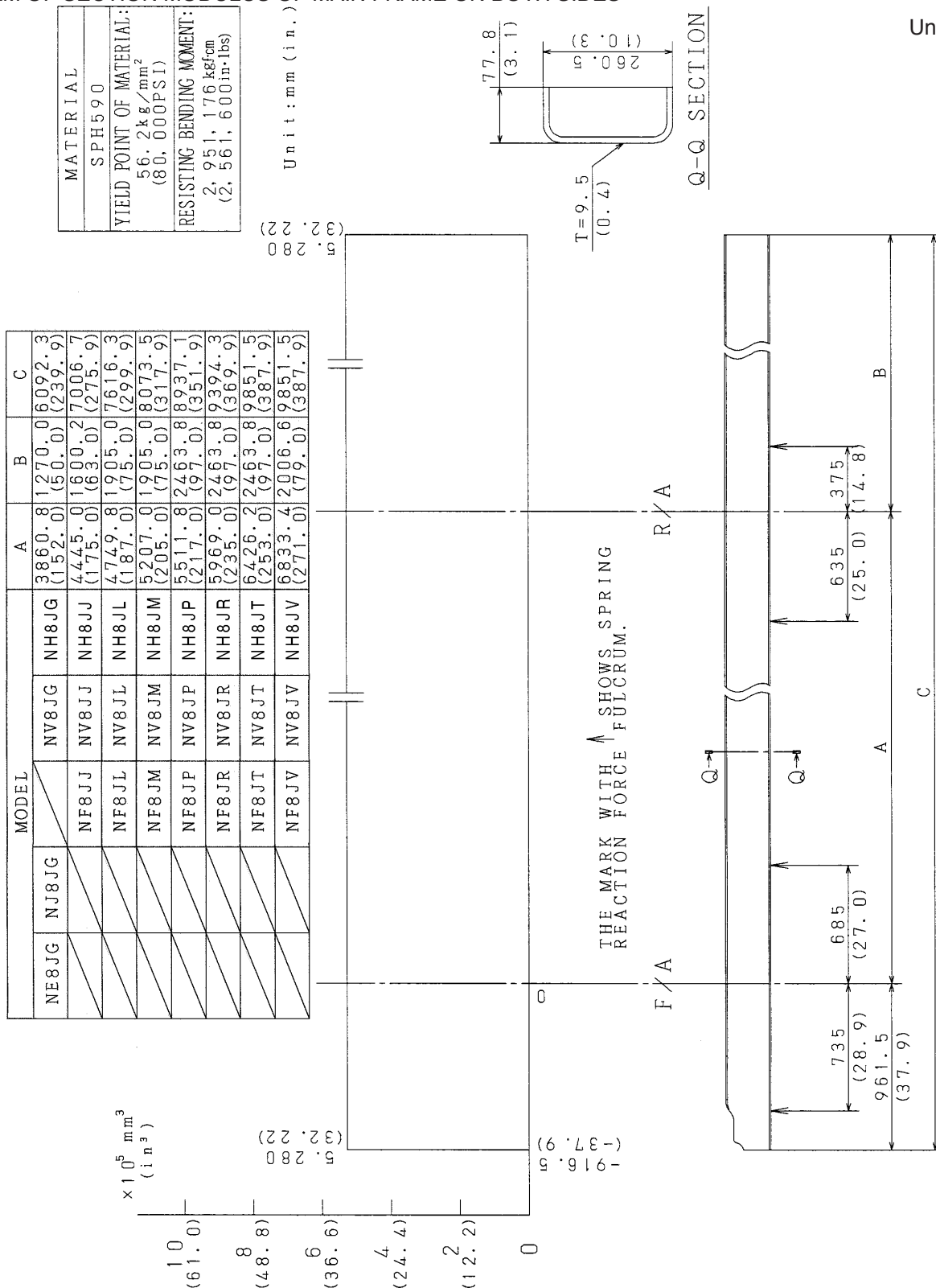
- DIAGRAM OF SECTION MODULUS OF MAIN FRAME ON BOTH SIDES

Unit : mm (in.)



MODEL : NE8JGSG AND NJ8JGSG
NF8J (REAR AIR SUSPENSION)
NV8J (REAR AIR SUSPENSION)
NH8J (REAR AIR SUSPENSION)

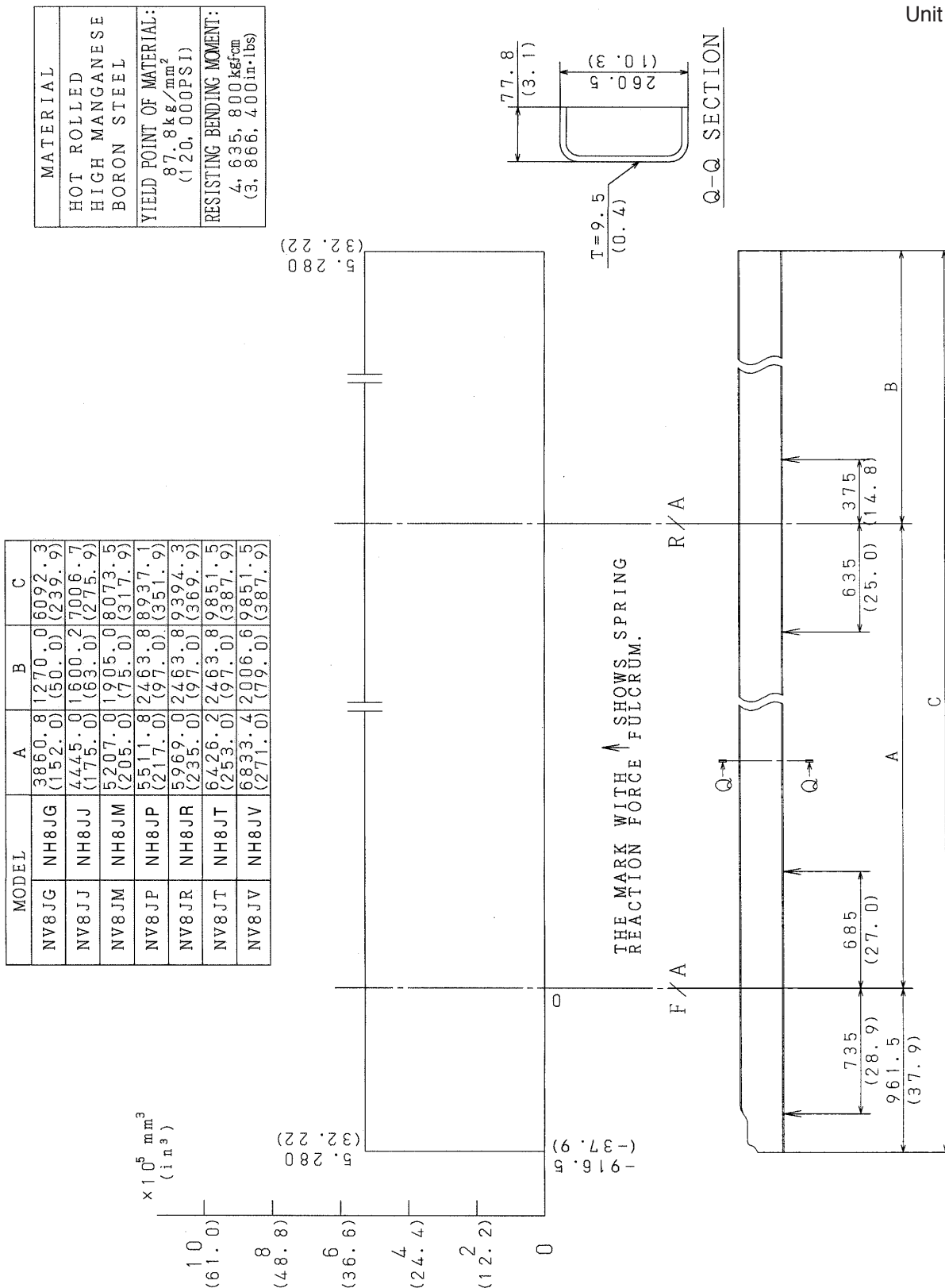
• DIAGRAM OF SECTION MODULUS OF MAIN FRAME ON BOTH SIDES



MODEL : NV8J (REAR AIR SUSPENSION)
NH8J (REAR AIR SUSPENSION)
(YIELD POINT OF MATERIAL : 120000 PSI)

• DIAGRAM OF SECTION MODULUS OF MAIN FRAME ON BOTH SIDES

Unit : mm (in.)

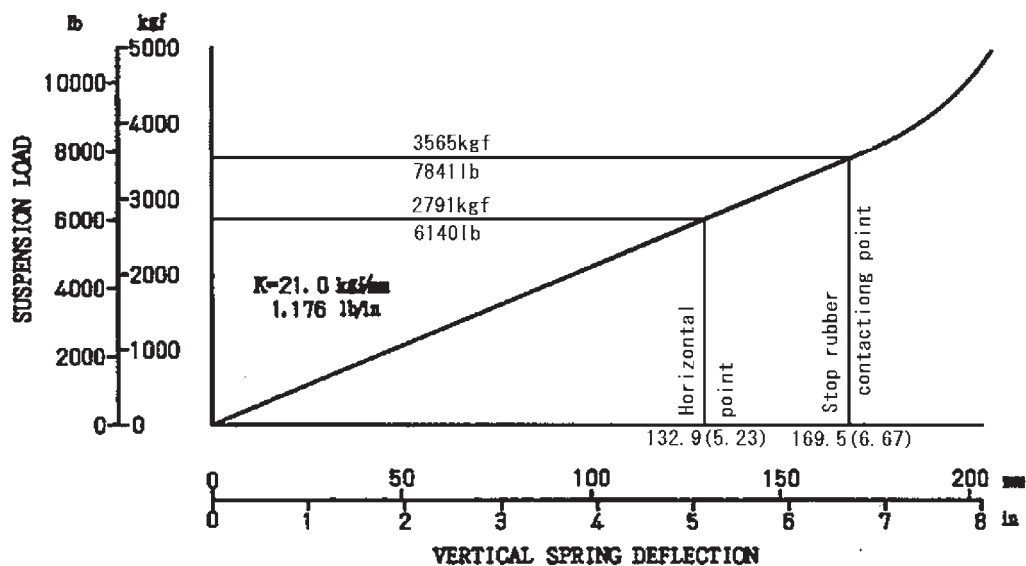


2. SUSPENSION DEFLECTION CHART

• FRONT SPRING PER ONE SIDE

MODEL : NE AND NJ

CAPACITY : 8000lbs (OPT)

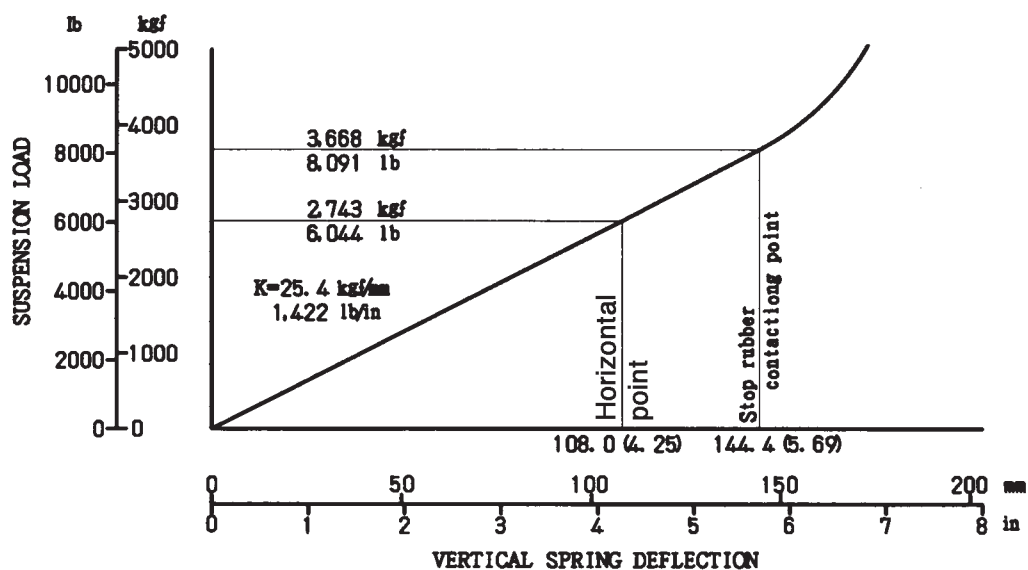


Unit: kgf (lb), mm (in.)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
227 (500)	10.8 (0.43)
454 (1000)	21.6 (0.85)
680 (1500)	32.4 (1.28)
907 (2000)	43.2 (1.70)
1134 (2500)	54.0 (2.13)
1361 (3000)	64.8 (2.55)
1588 (3500)	75.6 (2.98)
1814 (4000)	86.4 (3.40)
2041 (4500)	97.2 (3.83)
2268 (5000)	108.0 (4.25)
2495 (5500)	118.8 (4.68)
2722 (6000)	129.6 (5.10)
2948 (6500)	140.4 (5.53)

MODEL : NE, NJ, NF, NV AND NH

CAPACITY : 12000lbs (STD)

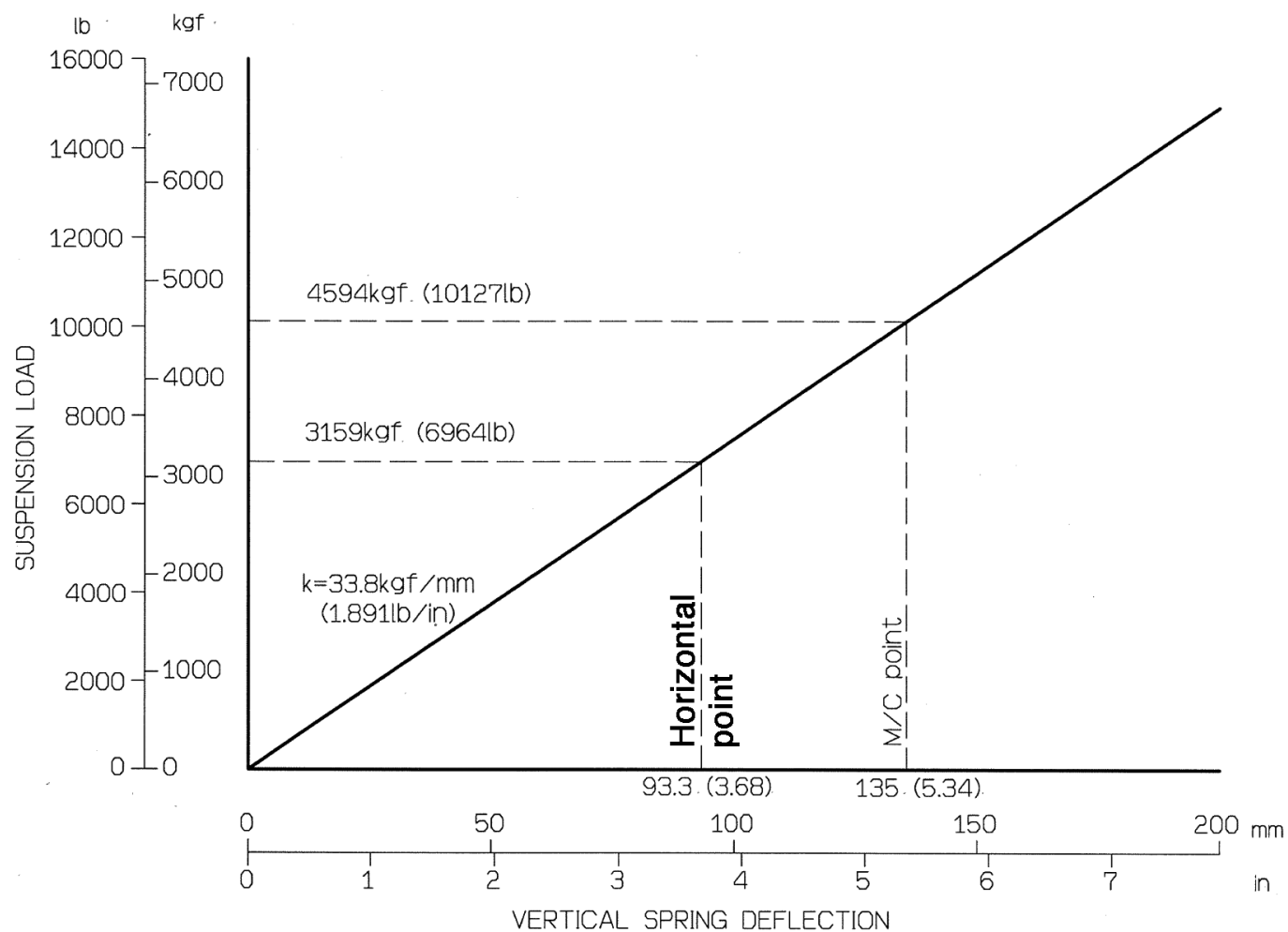


Unit: kgf (lb), mm (in.)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
227 (500)	8.9 (0.35)
454 (1000)	17.9 (0.70)
680 (1500)	26.8 (1.06)
907 (2000)	35.7 (1.41)
1134 (2500)	44.6 (1.76)
1361 (3000)	53.6 (2.11)
1588 (3500)	62.5 (2.46)
1814 (4000)	71.4 (2.81)
2041 (4500)	80.3 (3.16)
2268 (5000)	89.3 (3.52)
2495 (5500)	98.2 (3.87)
2722 (6000)	107.2 (4.22)
2948 (6500)	116.1 (4.57)
3175 (7000)	125.0 (4.92)
3402 (7500)	133.9 (5.27)

MODEL : NV AND NH

CAPACITY : 14000lbs (OPT)



Unit : kgf (lb), mm (in)

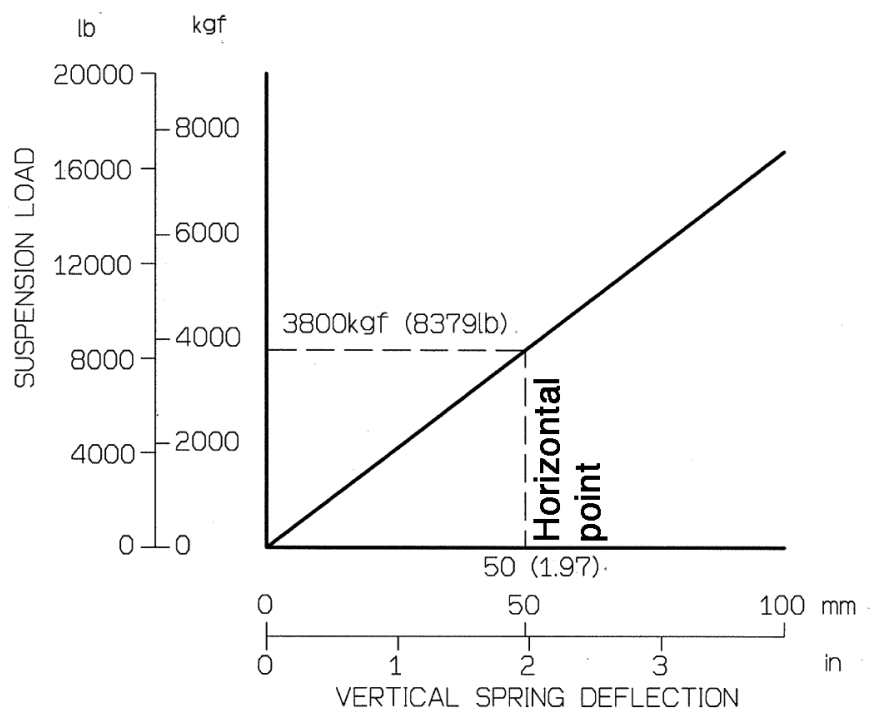
SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
227 (500)	6.7 (0.26)
454 (1000)	13.4 (0.53)
680 (1500)	20.0 (0.79)
907 (2000)	26.7 (1.05)
1134 (2500)	33.5 (1.32)
1361 (3000)	40.2 (1.58)
1588 (3500)	46.9 (1.85)
1814 (4000)	53.5 (2.11)
2041 (4500)	60.2 (2.37)

• REAR SPRING PER ONE SIDE

MODEL : NE AND NJ (STD, WITHOUT HELPER SPRING)

K : 75.9kgf/mm (4.250lb/in.)

CAPACITY : 19000lbs



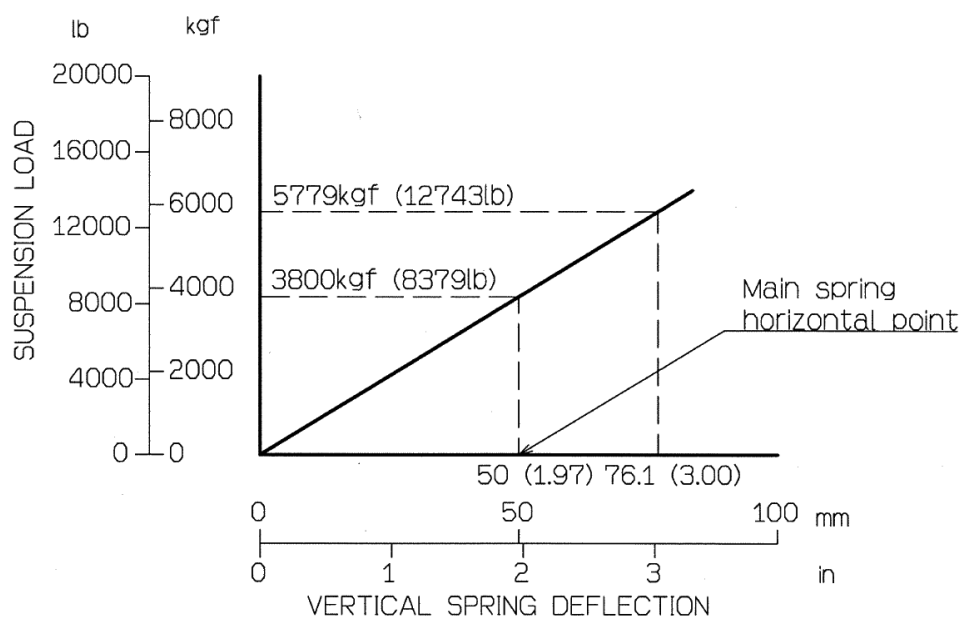
Unit : kgf (lb), mm (in)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	6.0 (0.24)
907 (2000)	12.0 (0.47)
1361 (3000)	17.9 (0.70)
1814 (4000)	23.9 (0.94)
2268 (5000)	29.9 (1.18)
2721 (6000)	35.8 (1.41)
3175 (7000)	41.8 (1.65)
3628 (8000)	47.8 (1.88)
4082 (9000)	53.8 (2.12)
4535 (10000)	59.7 (2.35)
4989 (11000)	65.7 (2.59)
5442 (12000)	71.7 (3.08)
5896 (13000)	77.7 (3.06)
6349 (14000)	83.6 (3.29)

MODEL : NE AND NJ (OPT, WITH HELPER SPRING)

K : 75.9kgf/mm (4.250lb/in.)

CAPACITY : 19000lbs



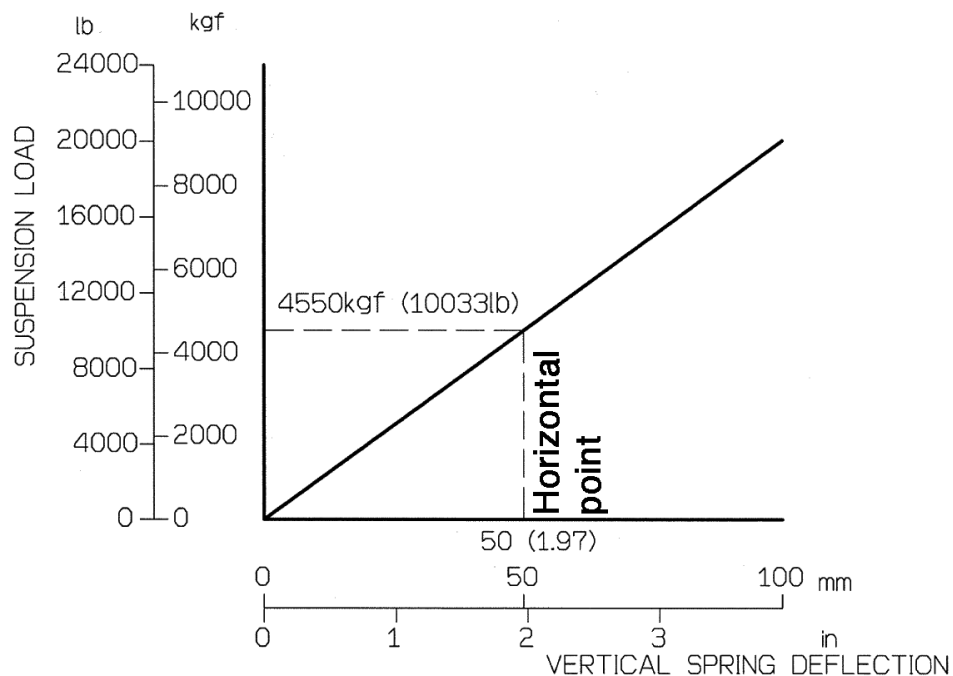
Unit : kgf (lb), mm (in)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	6.0 (0.24)
907 (2000)	12.0 (0.47)
1361 (3000)	17.9 (0.70)
1814 (4000)	23.9 (0.94)
2268 (5000)	29.9 (1.18)
2721 (6000)	35.8 (1.41)
3175 (7000)	41.8 (1.65)
3628 (8000)	47.8 (1.88)
4082 (9000)	53.8 (2.12)
4535 (10000)	59.7 (2.35)
4989 (11000)	65.7 (2.59)
5442 (12000)	71.7 (3.08)
5896 (13000)	77.7 (3.06)
6349 (14000)	83.6 (3.29)

MODEL : NF, NV AND NH (STD, WITHOUT HELPER SPRING)

K : 90.9kgf/mm (5.090lb/in.)

CAPACITY : 21000lbs



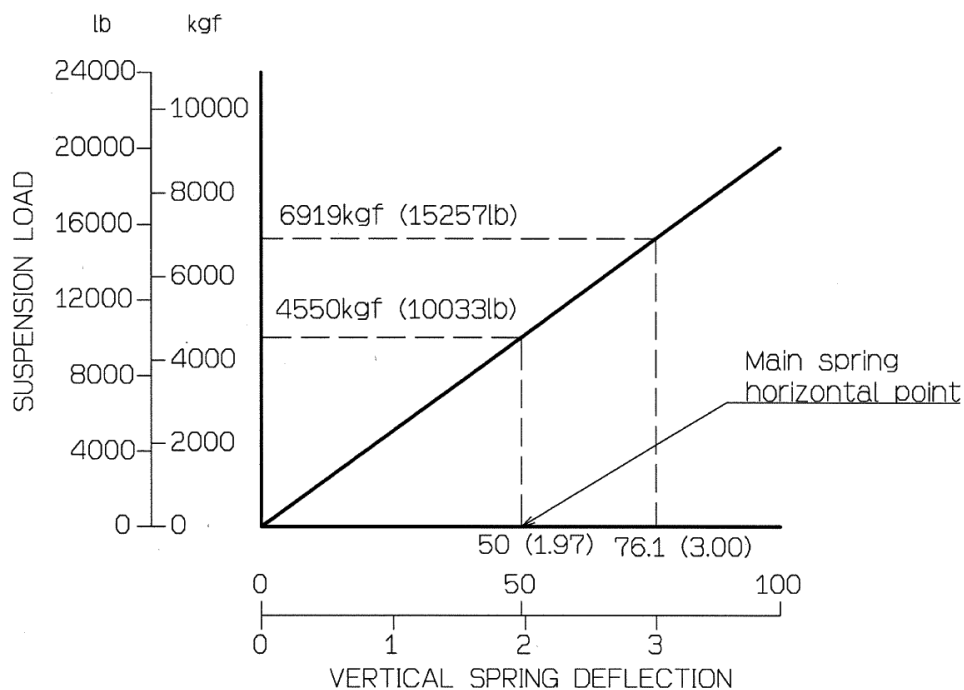
Unit : kgf (lb), mm (in)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	5.0 (0.20)
907 (2000)	10.0 (0.39)
1361 (3000)	15.0 (0.59)
1814 (4000)	20.0 (0.79)
2268 (5000)	25.0 (0.98)
2721 (6000)	29.9 (1.18)
3175 (7000)	34.9 (1.37)
3628 (8000)	39.9 (1.57)
4082 (9000)	44.9 (1.77)
4535 (10000)	49.9 (1.96)
4989 (11000)	54.9 (2.16)
5442 (12000)	59.9 (2.36)
5896 (13000)	64.8 (2.55)
6349 (14000)	69.8 (2.75)

MODEL : NF, NV AND NH (OPT, WITH HELPER SPRING)

K : 90.9kgf/mm (5.090lb/in.)

CAPACITY : 21000lbs



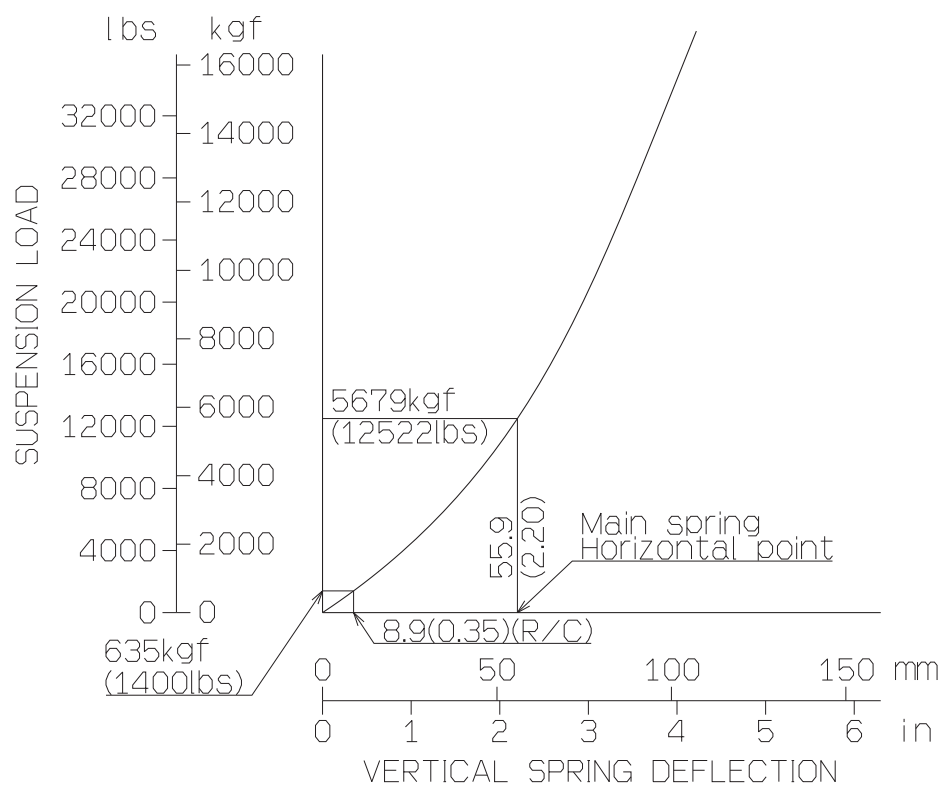
Unit : kgf (lb), mm (in)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	5. 0 (0. 20)
907 (2000)	10. 0 (0. 39)
1361 (3000)	15. 0 (0. 59)
1814 (4000)	20. 0 (0. 79)
2268 (5000)	25. 0 (0. 98)
2721 (6000)	29. 9 (1. 18)
3175 (7000)	34. 9 (1. 37)
3628 (8000)	39. 9 (1. 57)
4082 (9000)	44. 9 (1. 77)
4535 (10000)	49. 9 (1. 96)
4989 (11000)	54. 9 (2. 16)
5442 (12000)	59. 9 (2. 36)
5896 (13000)	64. 8 (2. 55)
6349 (14000)	69. 8 (2. 75)

MODEL : NV AND NH (OPT, WITH HELPER RUBBER)

K : 90.9kgf/mm (5.090lb/in.)

CAPACITY : 21000lbs



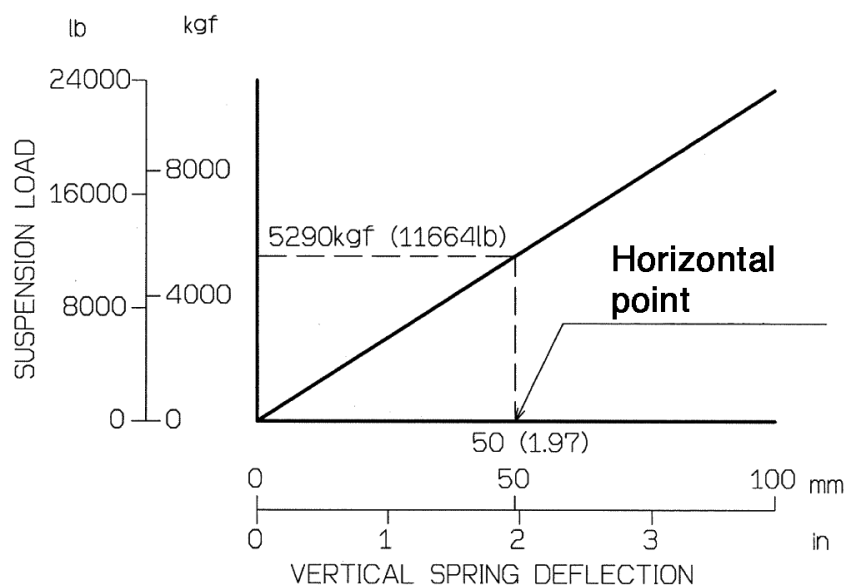
Unit : kgf (lbs), mm (in)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	6.5 (0.25)
907 (2000)	12.4 (0.49)
1361 (3000)	18.0 (0.71)
1814 (4000)	23.2 (0.91)
2268 (5000)	28.0 (1.10)
2721 (6000)	32.5 (1.28)
3175 (7000)	36.7 (1.45)
3628 (8000)	40.7 (1.60)
4082 (9000)	44.4 (1.75)
4535 (10000)	47.9 (1.89)
4989 (11000)	51.2 (2.02)
5442 (12000)	54.4 (2.14)
5896 (13000)	57.3 (2.26)
6349 (14000)	60.1 (2.37)

MODEL : NV AND NH (OPT, WITHOUT HELPER SPRING)

K : 105.7kgf/mm (5.920lb/in.)

CAPACITY : 23000lbs (OPT)



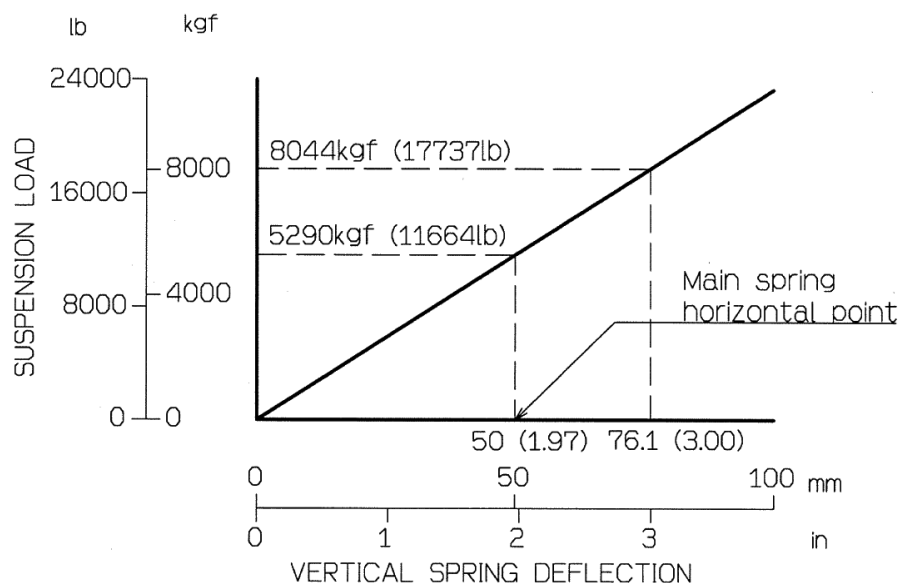
Unit : kgf (lb), mm (in)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	4.3 (0.17)
907 (2000)	8.6 (0.34)
1361 (3000)	12.9 (0.51)
1814 (4000)	17.2 (0.68)
2268 (5000)	21.5 (0.84)
2721 (6000)	25.8 (1.01)
3175 (7000)	30.0 (1.18)
3628 (8000)	34.3 (1.35)
4082 (9000)	38.6 (1.52)
4535 (10000)	42.9 (1.69)
4989 (11000)	47.2 (1.86)
5442 (12000)	51.5 (2.03)
5896 (13000)	55.8 (2.20)
6349 (14000)	60.1 (2.36)

MODEL : NV AND NH (OPT, WITH HELPER SPRING)

K : 105.7kgf/mm (5.920lb/in.)

CAPACITY : 23000lbs (OPT)



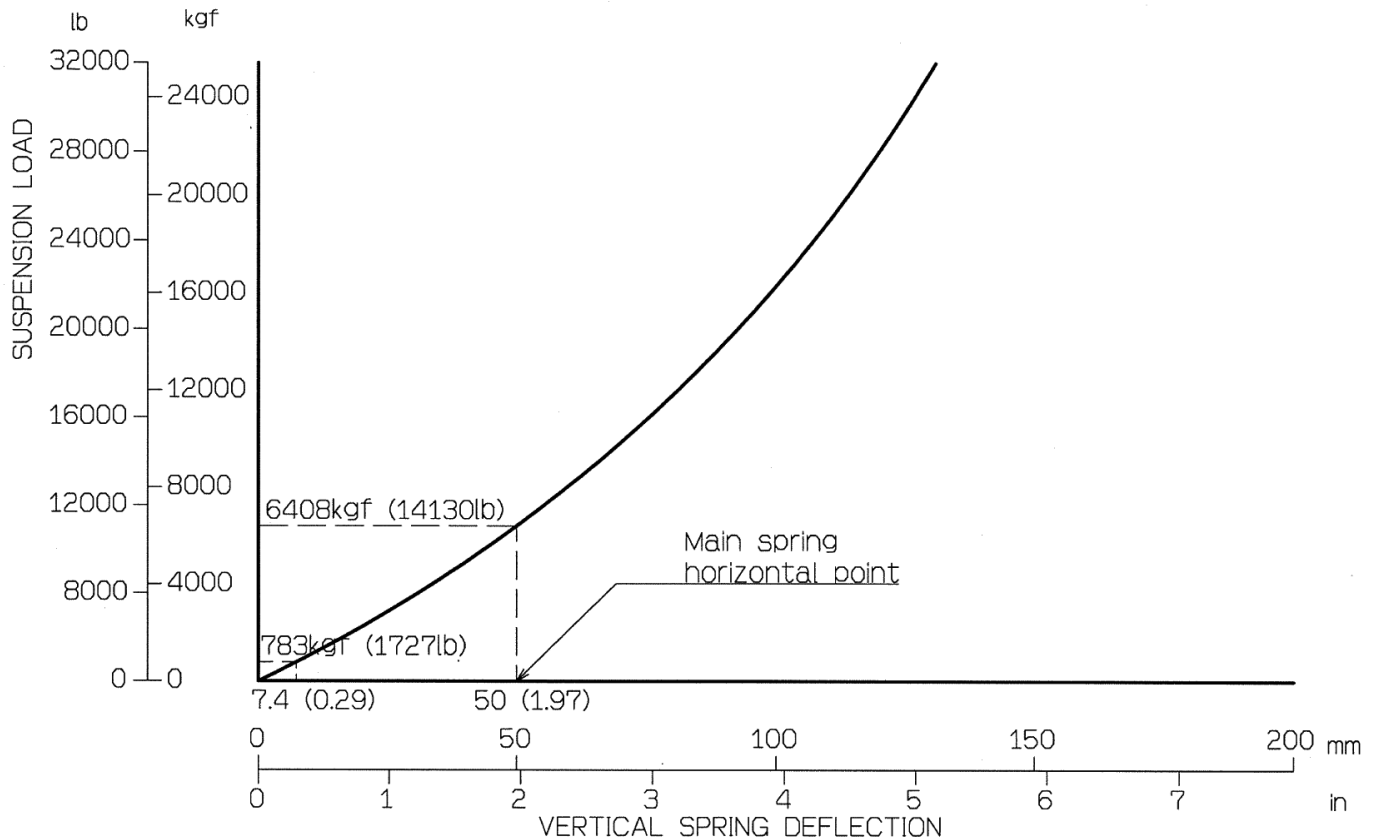
Unit : kgf (lb), mm (in)

SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	4.3 (0.17)
907 (2000)	8.6 (0.34)
1361 (3000)	12.9 (0.51)
1814 (4000)	17.2 (0.68)
2268 (5000)	21.5 (0.84)
2721 (6000)	25.8 (1.01)
3175 (7000)	30.0 (1.18)
3628 (8000)	34.3 (1.35)
4082 (9000)	38.6 (1.52)
4535 (10000)	42.9 (1.69)
4989 (11000)	47.2 (1.86)
5442 (12000)	51.5 (2.03)
5896 (13000)	55.8 (2.20)
6349 (14000)	60.1 (2.36)

MODEL : NV AND NH (OPT, WITH HELPER RUBBER)

K : 105.7kgf/mm (5.920lb/in.)

CAPACITY : 31000lbs (OPT)

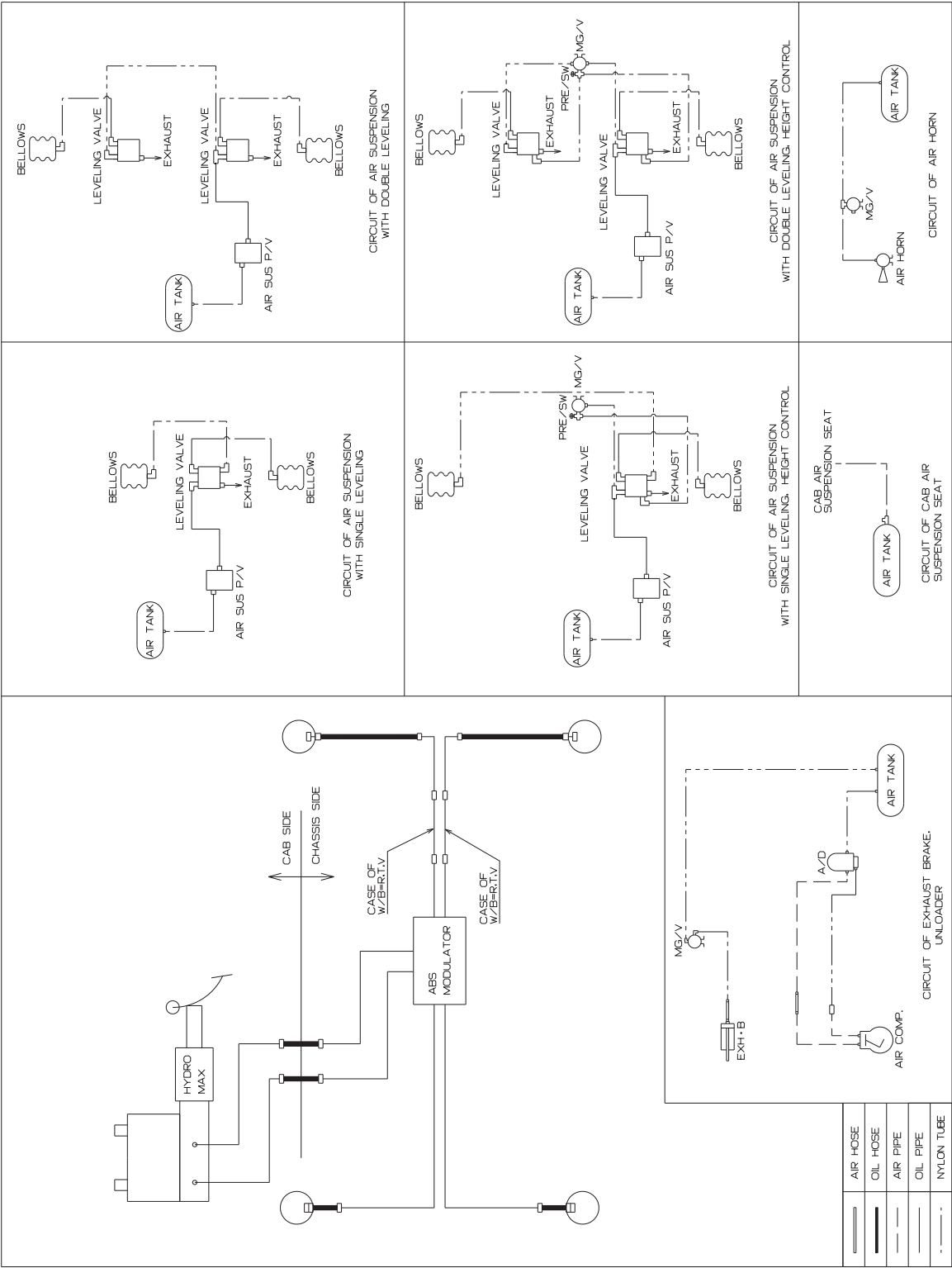


Unit : kgf (lb), mm (in)

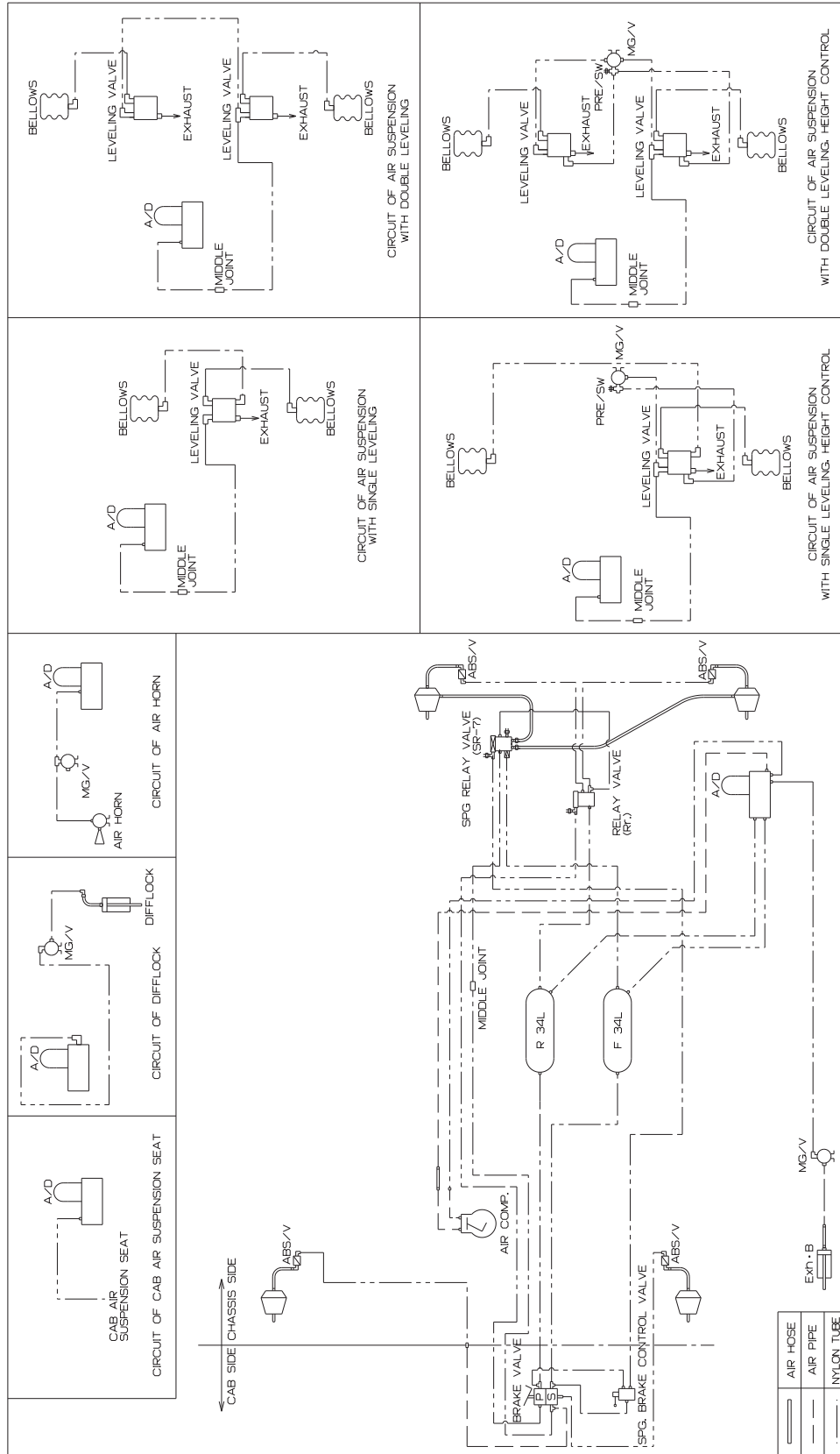
SUSPENSION LOAD	VERTICAL SPRING DEFLECTION
454 (1000)	4.3 (0.17)
907 (2000)	8.5 (0.34)
1361 (3000)	12.5 (0.49)
1814 (4000)	16.4 (0.64)
2268 (5000)	20.2 (0.80)
2721 (6000)	24.0 (0.94)
3175 (7000)	27.6 (1.09)
3628 (8000)	31.1 (1.22)
4082 (9000)	34.5 (1.36)
4535 (10000)	37.7 (1.49)
4989 (11000)	40.9 (1.61)
5442 (12000)	43.9 (1.73)
5896 (13000)	46.8 (1.84)
6349 (14000)	49.7 (1.96)

3. BRAKE PIPING DIAGRAM

• MODEL : NE AND NF



• MODEL : NJ, NV AND NH



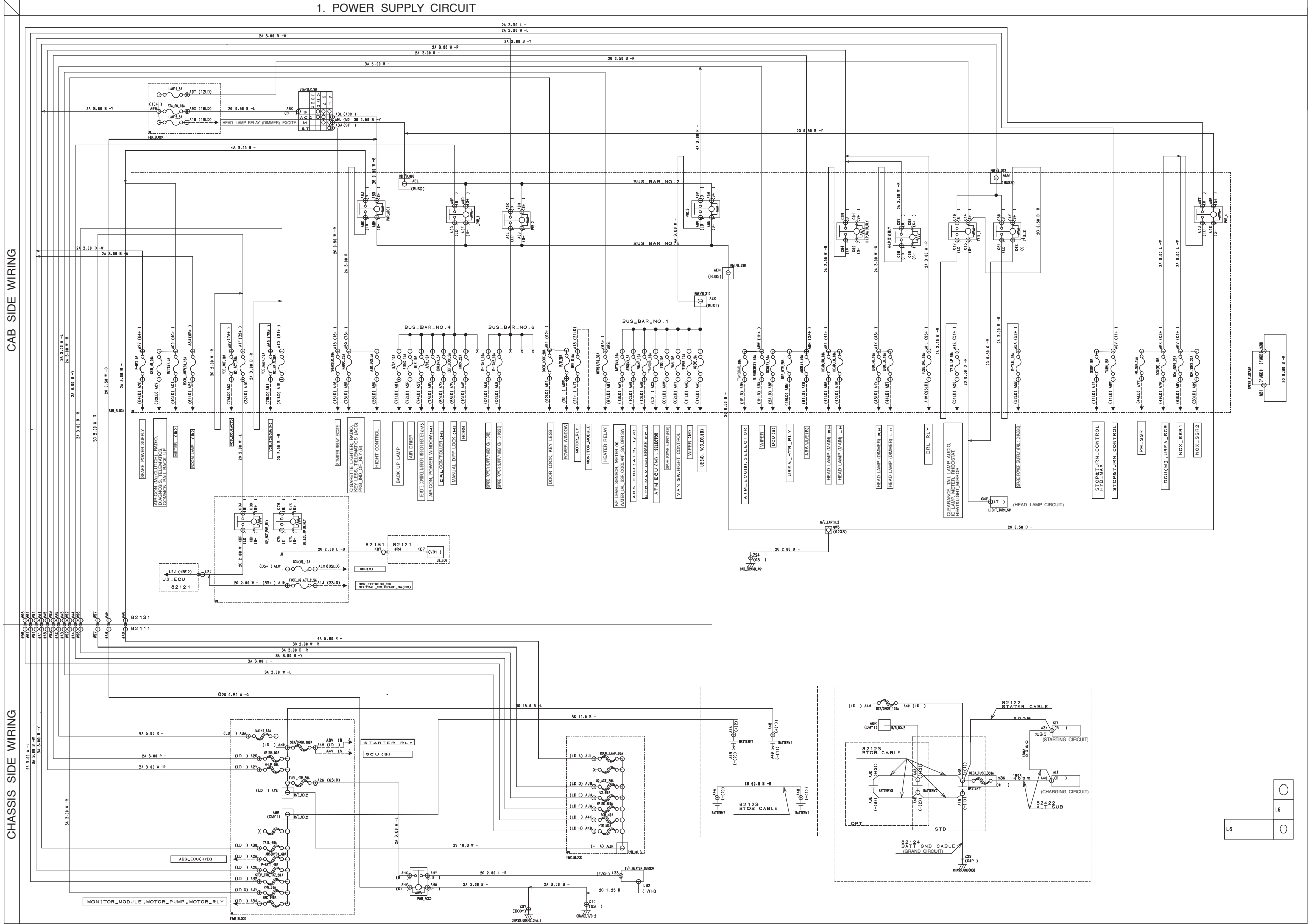
4. ELECTRIC WIRING DIAGRAM

The Table of Circuit Name

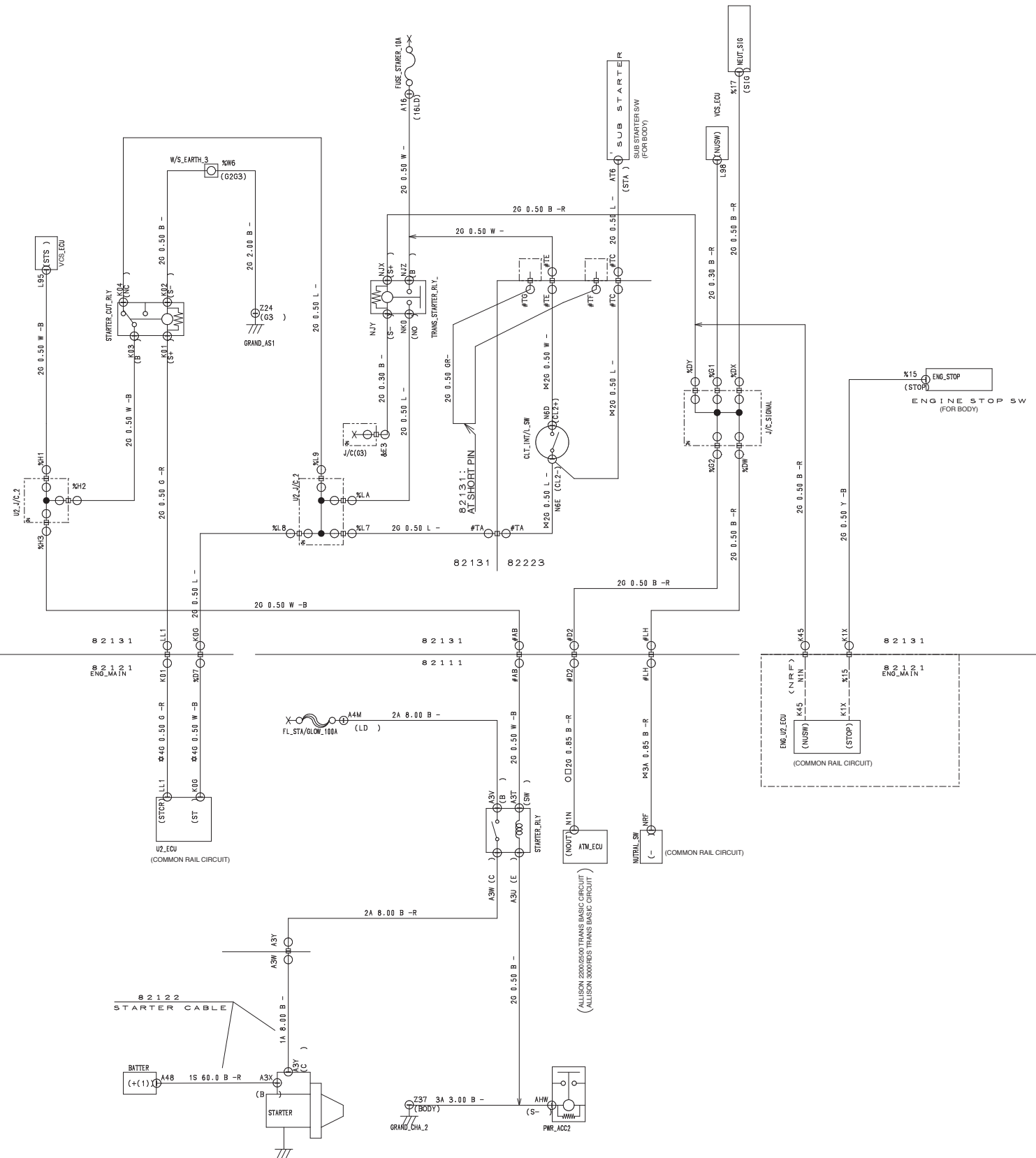
NO.	CIRCUIT NAME
1	POWER SUPPLY CIRCUIT
2	STARTING CIRCUIT
3	PRE-HEAT CIRCUIT
4	CHARGING CIRCUIT
5	SPARE POWER SUPPLY CIRCUIT & FOG LAMP CIRCUIT
6	GRAND CIRCUIT_1
7	GRAND CIRCUIT_2
8	METER CIRCUIT
9	HEAD LAMP CIRCUIT_DAY TIME RUNNING LAMP
10	STOP LAMP & TURN SIGNAL LAMP CIRCUIT
11	STOP LAMP & TURN SIGNAL LAMP CIRCUIT_OPT FLASHER CUT W/H
12	ROOM LAMP CIRCUIT
13	WIPER & WASHER CIRCUIT
14	HEATING MIRROR CIRCUIT & REMOTE CONTROL MIRROR CIRCUIT
15	ELECTRICAL HORN CIRCUIT
16	AIR HORN CIRCUIT
17	CIGARETTE LIGHTER & ACC. SOCKET CIRCUIT
18	POWER WINDOW CIRCUIT
19	POWER DOOR LOCK & KEY LESS ENTRY CIRCUIT
20	AUDIO CIRCUIT
21	MANUAL AIR-CON CIRCUIT
22	COMMON RAIL CIRCUIT_6 CYLINDER ENGINE
23	COMMON RAIL CIRCUIT_MTM EXHAUST BRAKE
24	COMMON RAIL CIRCUIT_ATM EXHAUST BRAKE
25	COMMON RAIL CIRCUIT_PTO
26	COMMON RAIL CIRCUIT_EGR, VGT & D-THROTTLE
27	COMMON RAIL CIRCUIT_DPR
28	COMMON RAIL CIRCUIT_FS CURSE
29	VEHICLE CONTROL ECU CIRCUIT_1
30	VEHICLE CONTROL ECU CIRCUIT_2
31	VEHICLE CONTROL ECU CIRCUIT_3
32	VEHICLE CONTROL ECU CIRCUIT_4 (EXHAUST BRAKE)
33	DEF SCR CIRCUIT
33-1	DEF SCR CIRCUIT - UREA_SYSTEM
34	ABS CIRCUIT_FULL AIR BRAKE
35	ABS CIRCUIT_HYDRAULIC BRAKE Ver. E
36	HYDRAULIC BRAKE SYSTEM CIRCUIT
37	ALLISON 2200/2500 TRANS BASIC CIRCUIT
38	ALLISON 3000RDS TRANS BASIC CIRCUIT
39	DIAGNOSIS CIRCUIT
40	DIAG' CONNECTOR CIRCUIT
41	MANUAL DIFF LOCK CIRCUIT
42	AIR DRIER CIRCUIT
43	AIR SUS DUMP CIRCUIT
44	VEHICLE CAN CIRCUIT
45	E/G CONTROL & DIAG' CAN CIRCUIT
46	E/G RELATED & AFTER-TREATMENT CAN CIRCUIT
47	TELEMATICS CIRCUIT





















[NOTE] 1) There are all the specifications included options.

2) When you use these electrical diagrams, please understand the vehicle specifications.



2. STARTING CIRCUIT



				
	3000	220/250	MT	ENG_MAIN
3000				
220/250				
MT				
ENG_MAIN				

CAB SIDE WIRING

CHASSIS SIDE WIRING

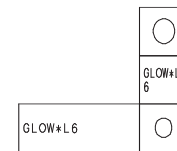
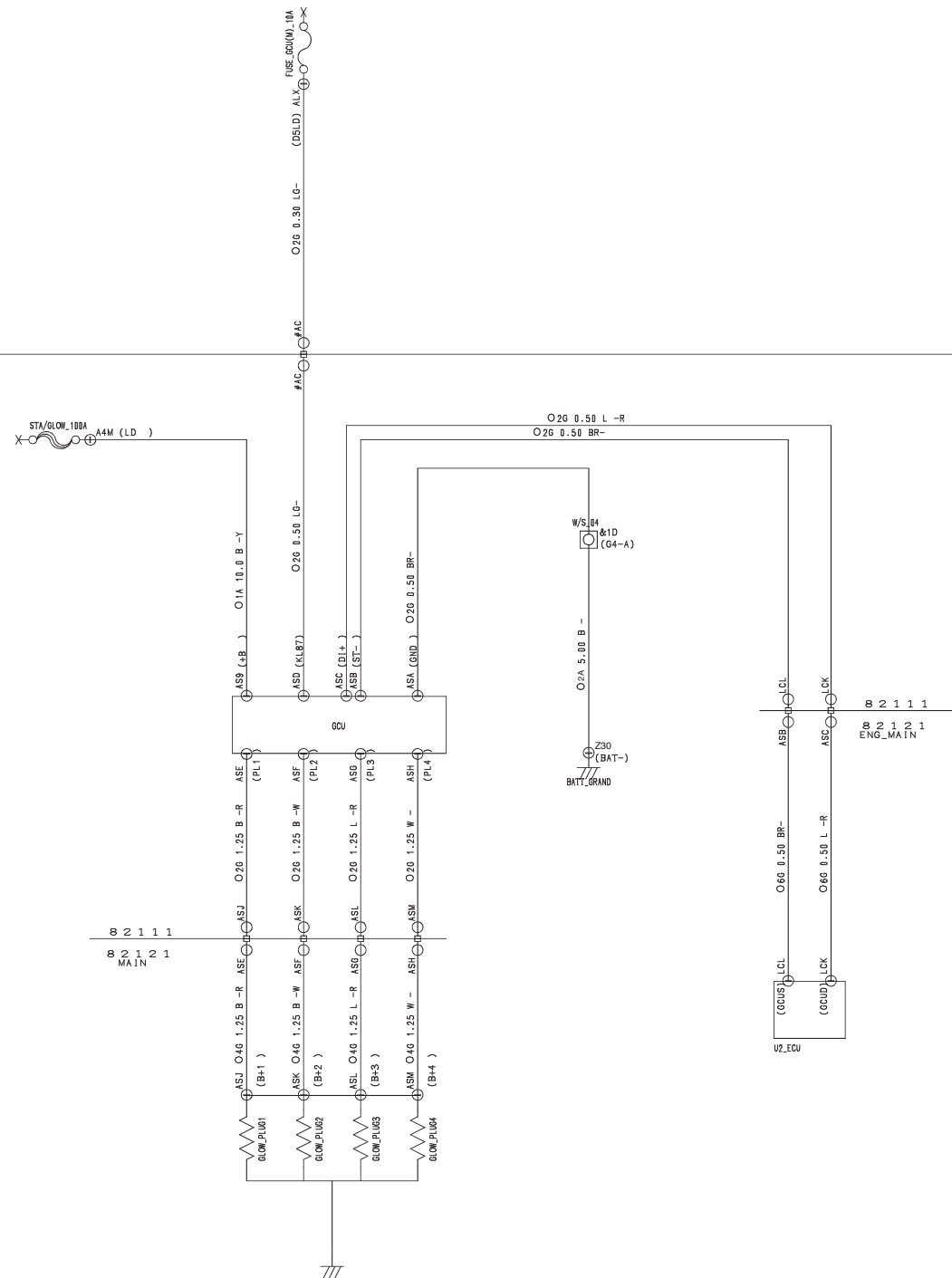
3. PRE-HEAT CIRCUIT

CAB SIDE WIRING

CHASSIS SIDE WIRING

8 2 1 3 1

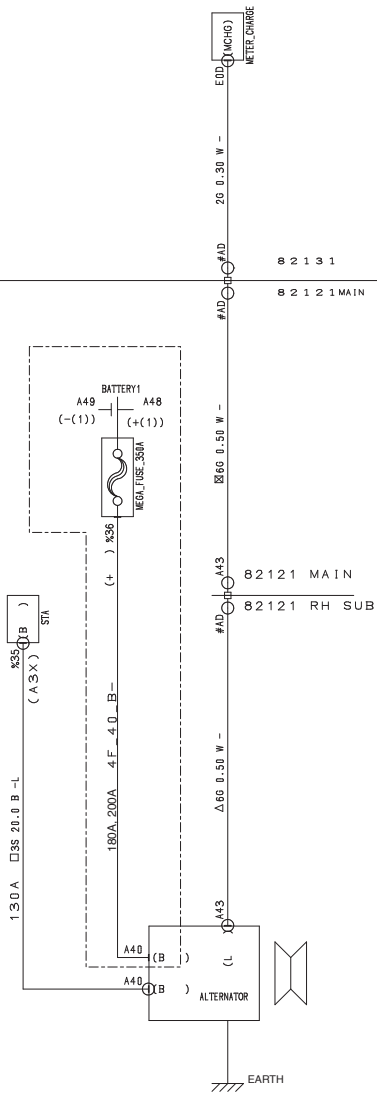
8 2 1 1 1



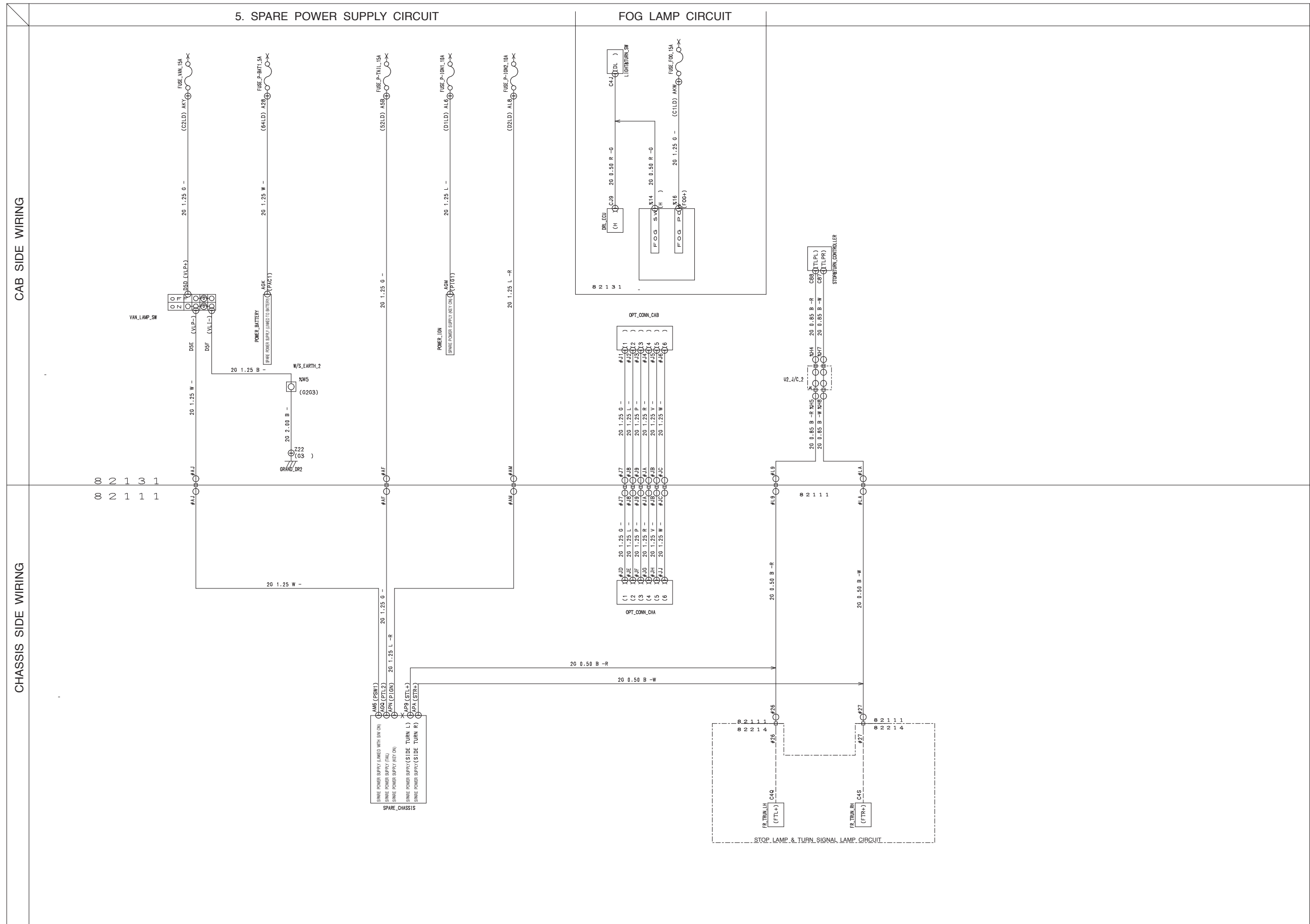
CAB SIDE WIRING

4. CHARGING CIRCUIT

CHASSIS SIDE WIRING



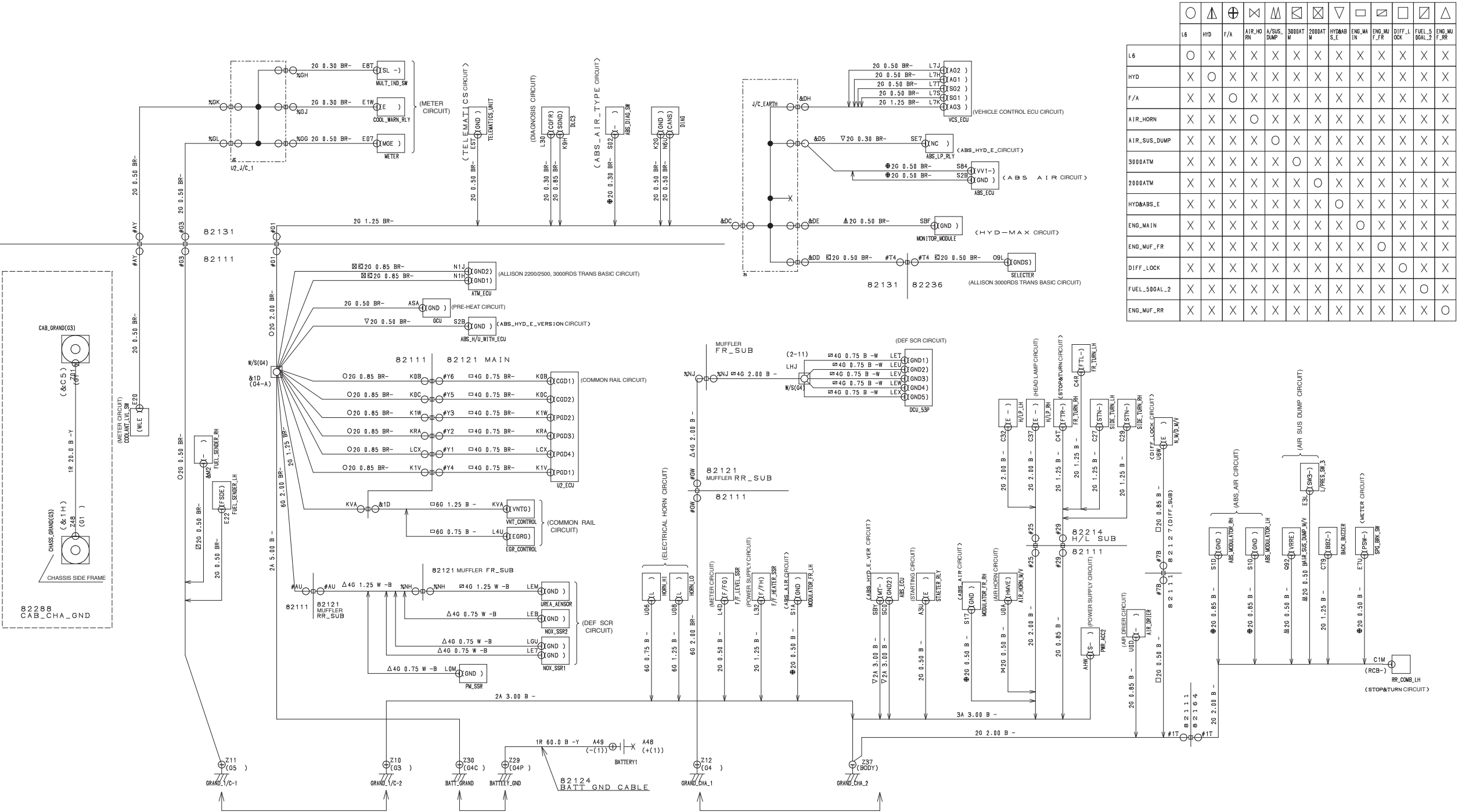
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	L6	ENG_MAIN	ENG_RH_SUB
L6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ENG_MAIN	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ENG_RH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



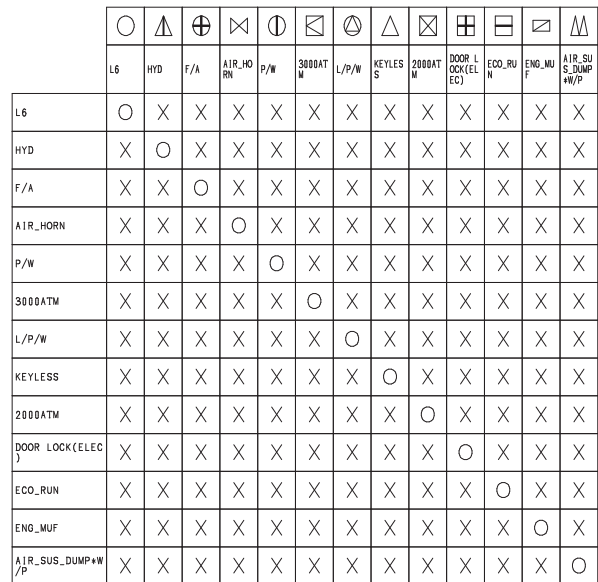
6. GROUND CIRCUIT_1

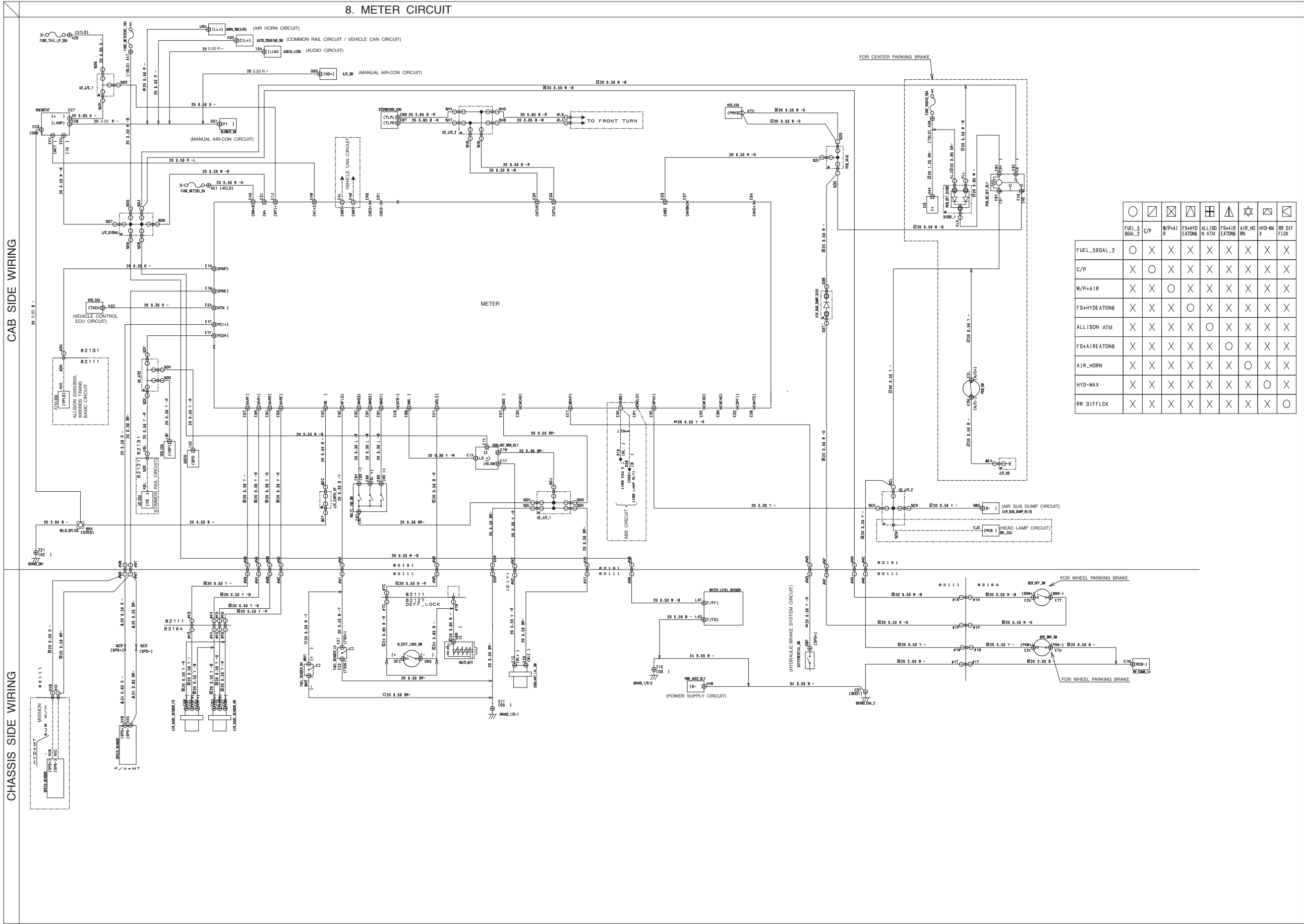
CAB SIDE WIRING

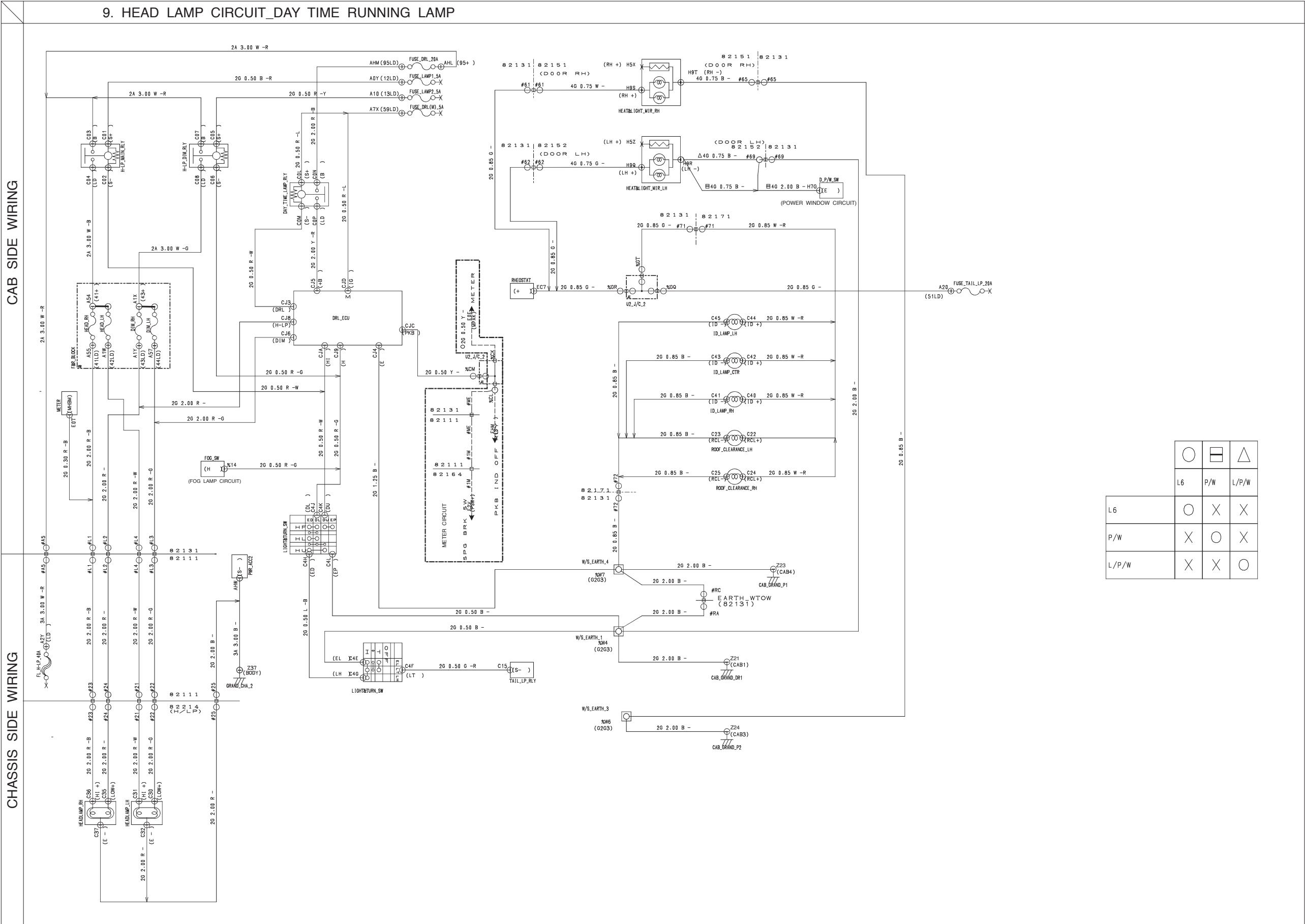
CHASSIS SIDE WIRING



CAB SIDE WIRING

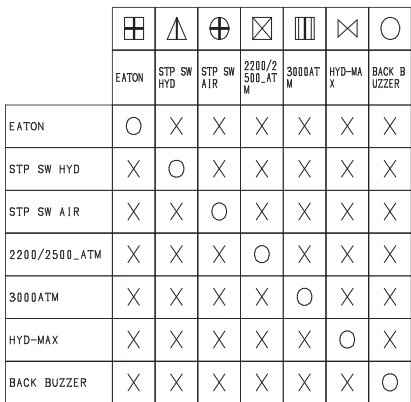






CAB SIDE WIRING

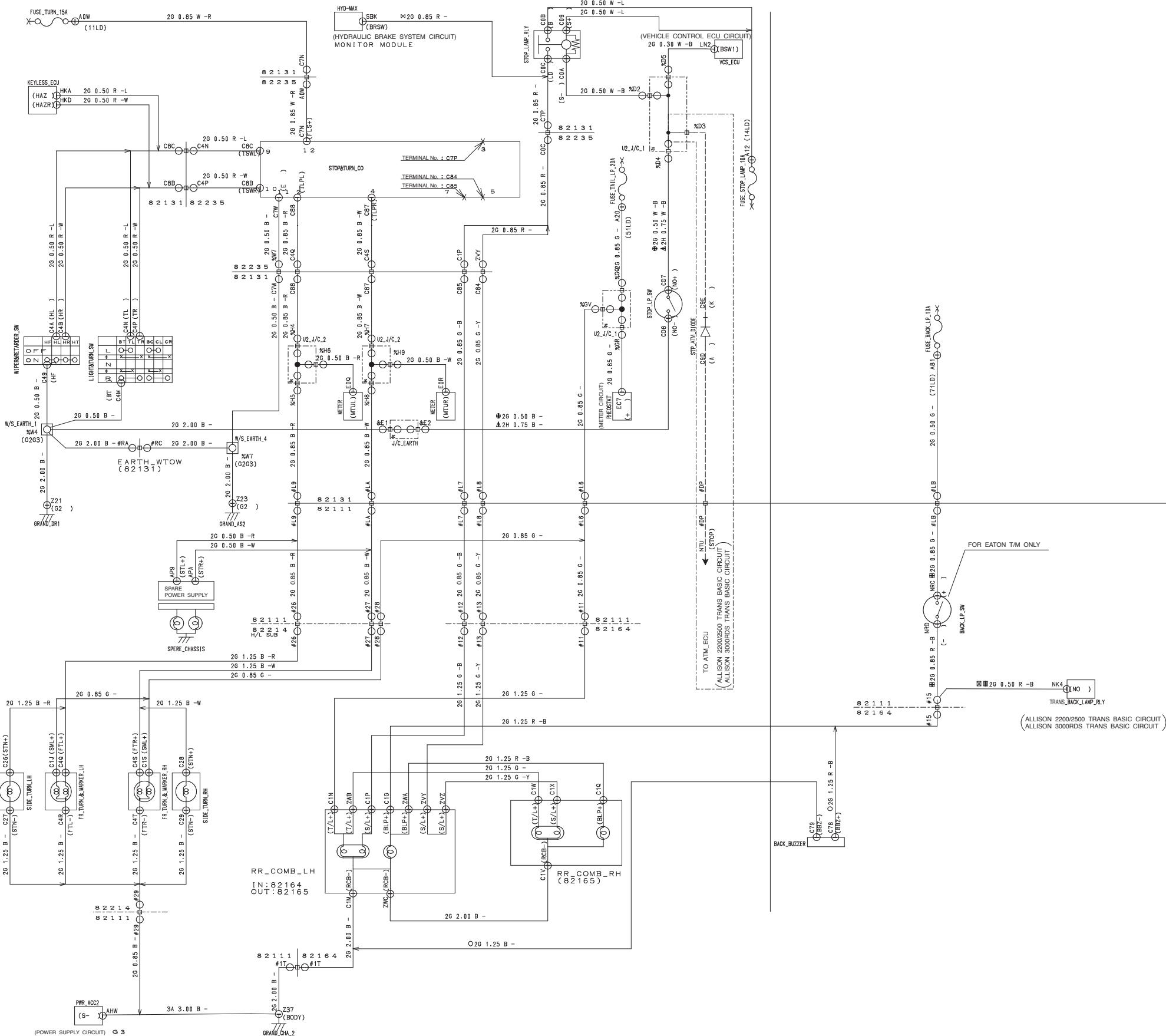
CHASSIS SIDE WIRING



CAB SIDE WIRING

CHASSIS SIDE WIRING

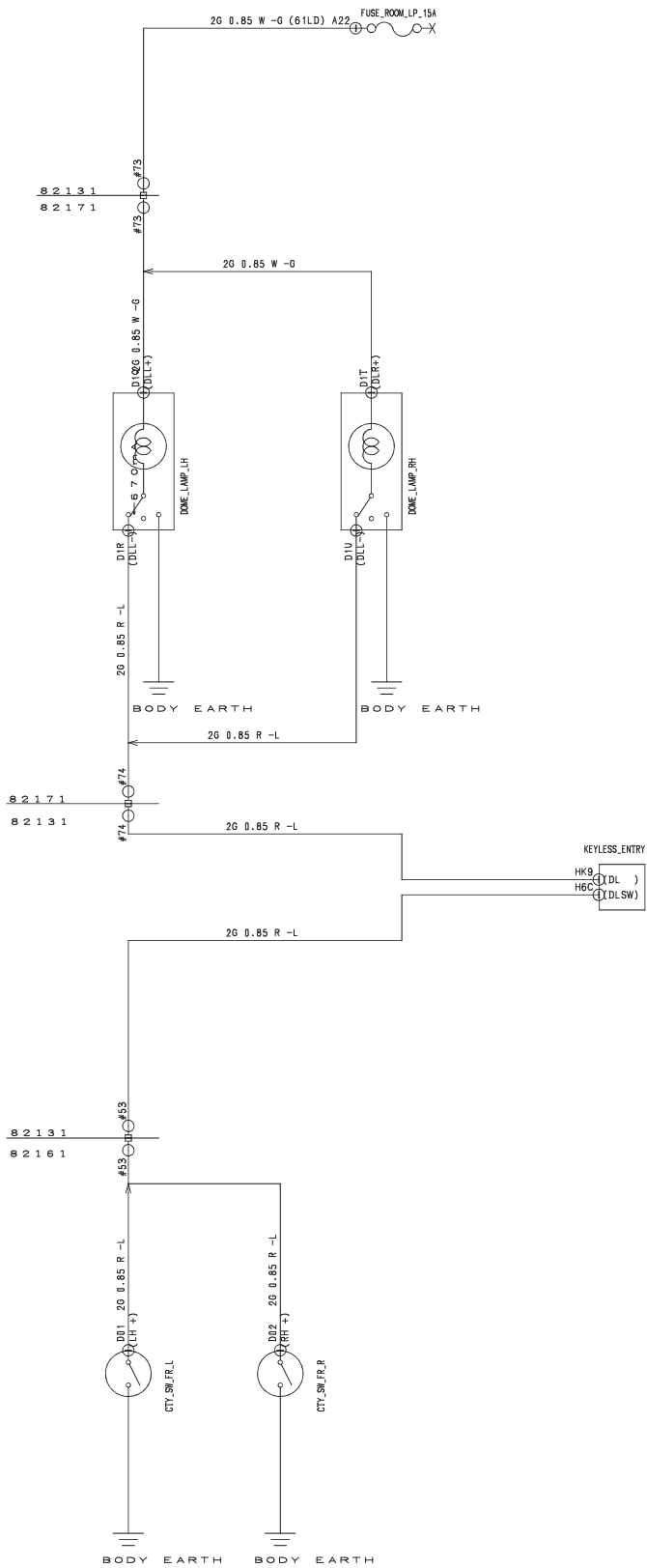
11. STOP LAMP & TURN SIGNAL LAMP CIRCUIT_OPT FLASHER CUT W/H



EATON		X	X	X	X	X	X
STP SW HYD	X		X	X	X	X	X
STP SW AIR	X	X		X	X	X	X
2200/2500_ATM	X	X	X		X	X	X
3000ATM	X	X	X	X		X	X
HYD-MAX	X	X	X	X	X		X
BACK BUZZER	X	X	X	X	X	X	

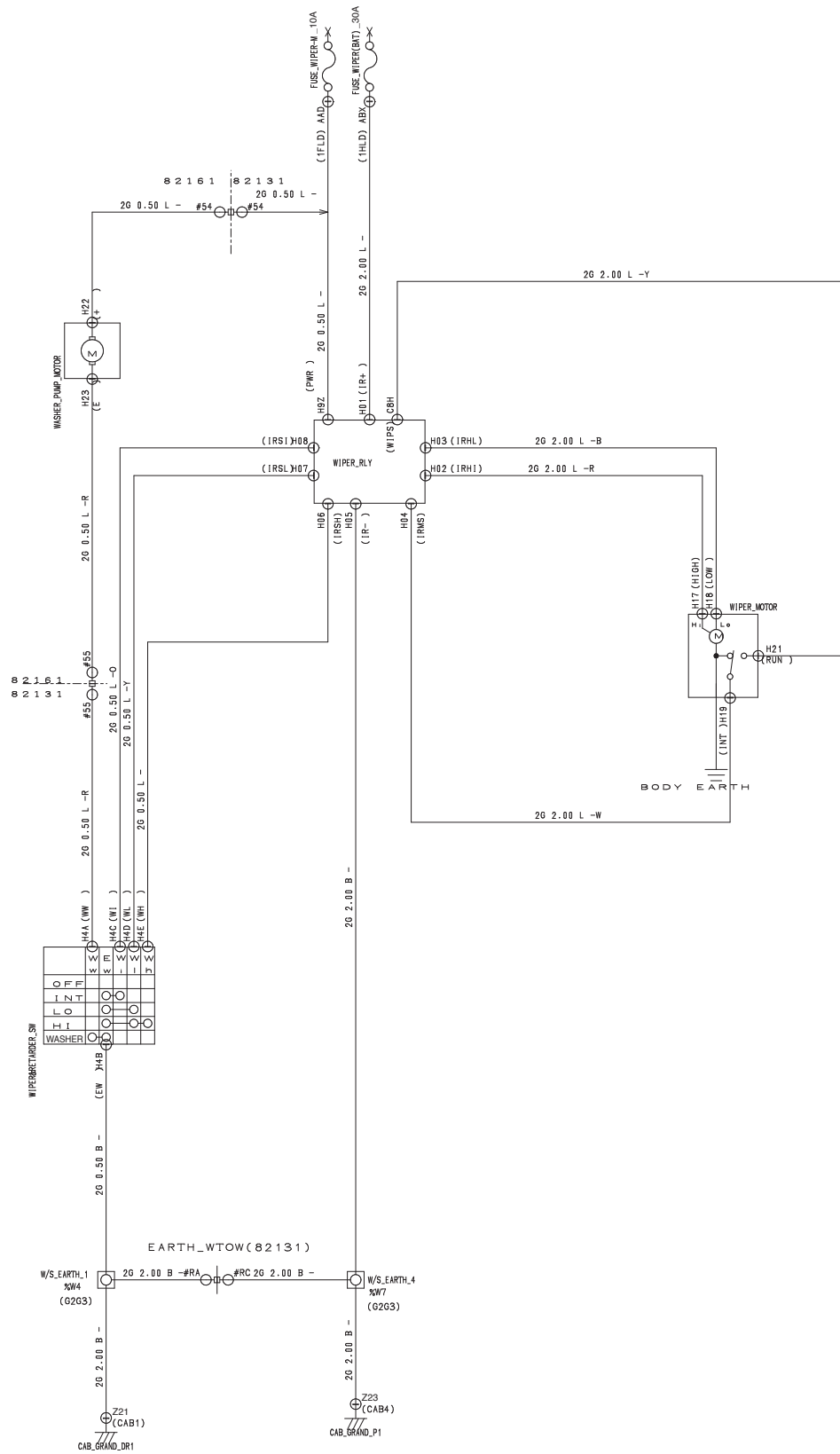
CAB SIDE WIRING

12. ROOM LAMP CIRCUIT

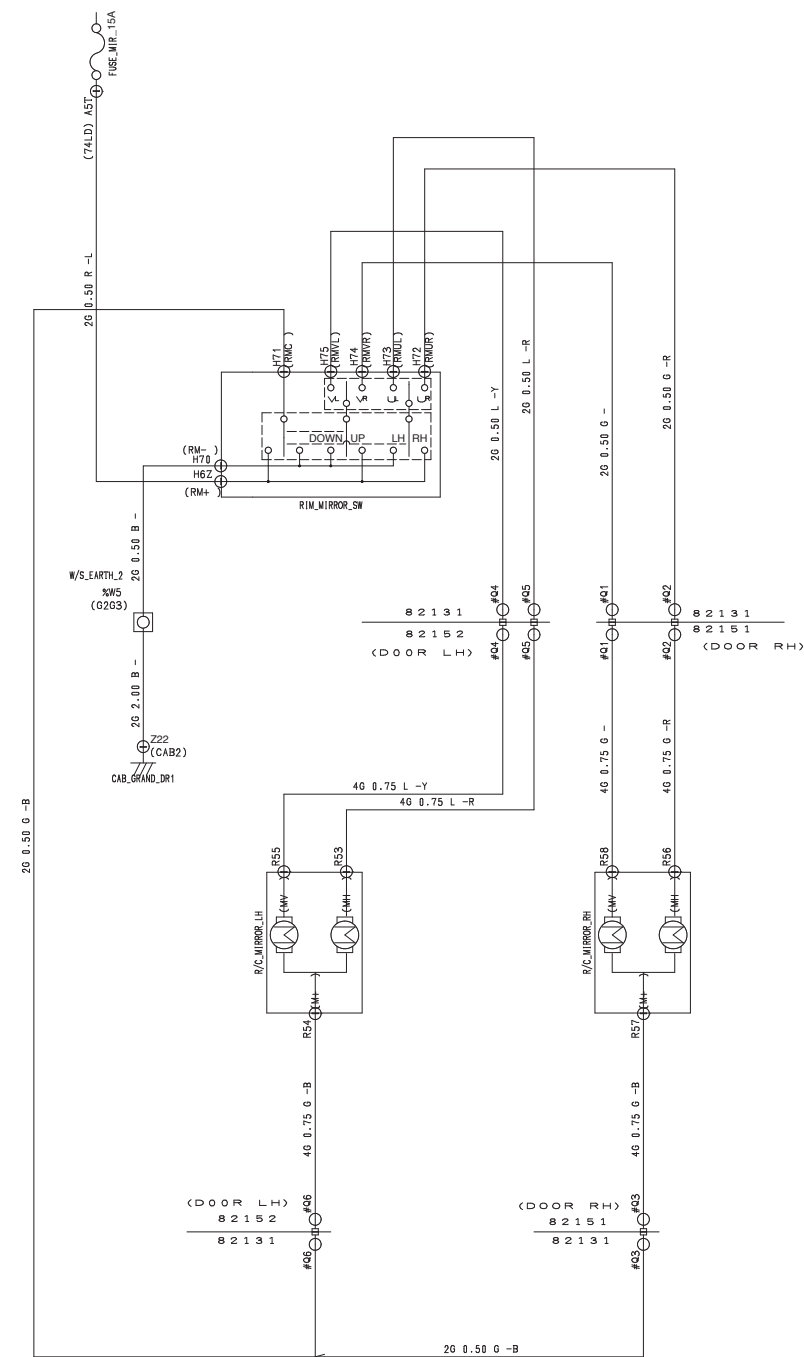


CAB SIDE WIRING

13. WIPER & WASHER CIRCUIT

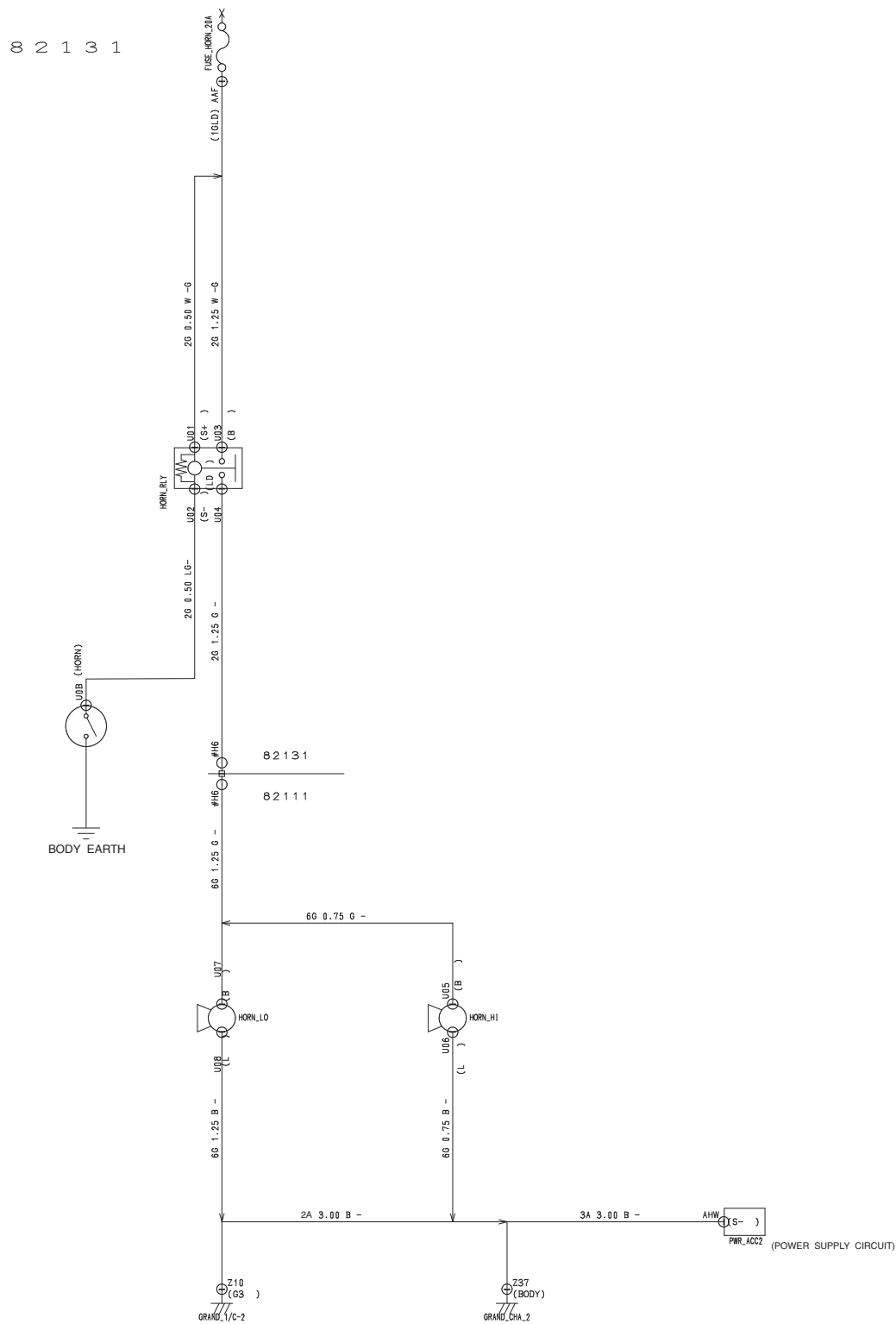


REMOTE CONTROL MIRROR CIRCUIT



CAB SIDE WIRING

15. ELECTRICAL HORN CIRCUIT



CAB SIDE WIRING

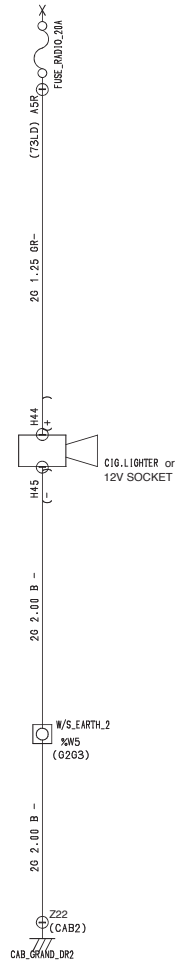
CHASSIS SIDE WIRING



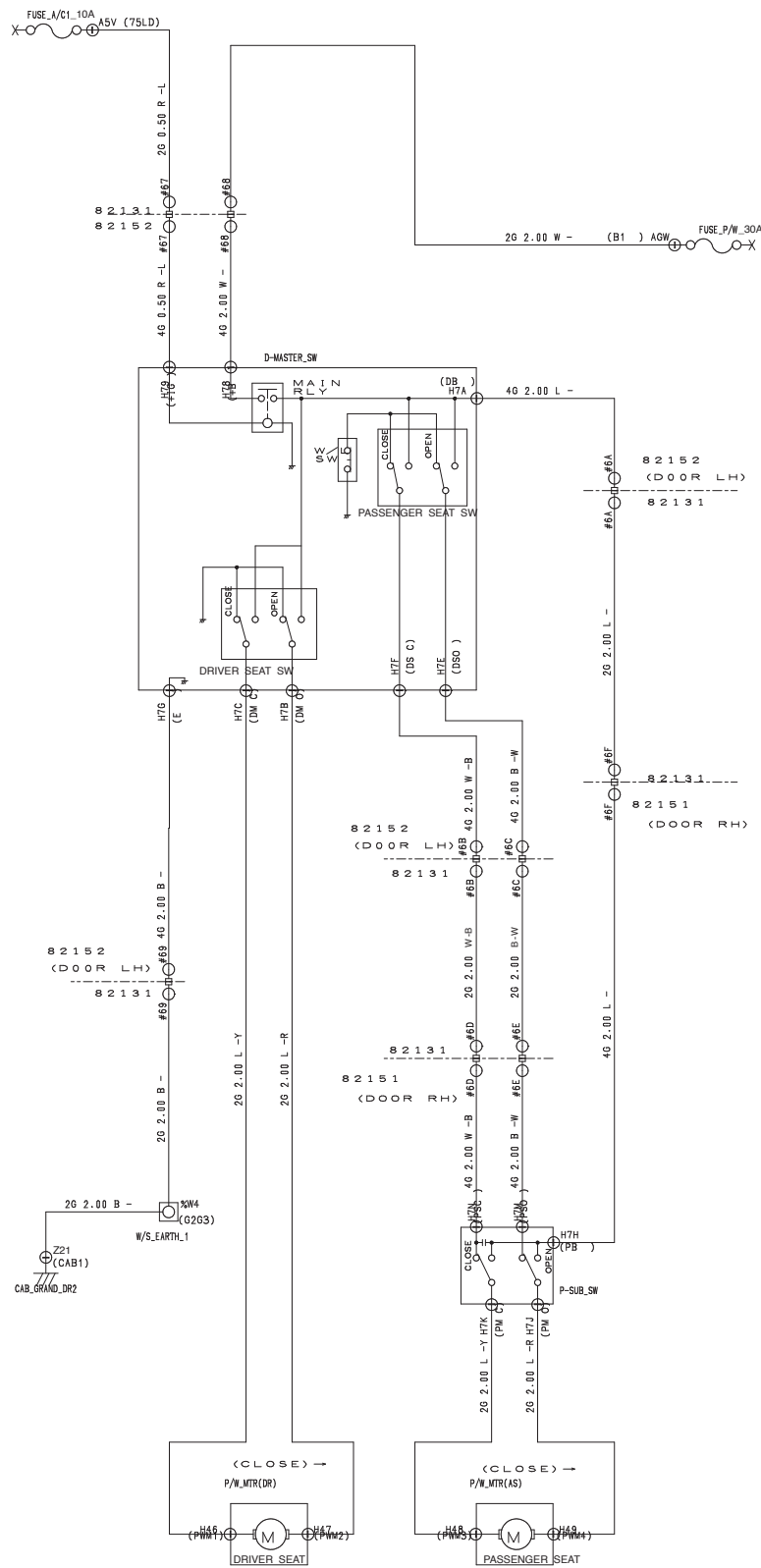
CAB SIDE WIRING

17. CIGARETTE LIGHTER & ACC. SOCKET CIRCUIT

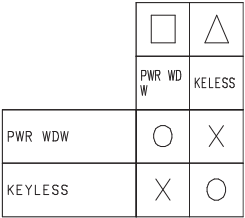
8 2 1 3 1



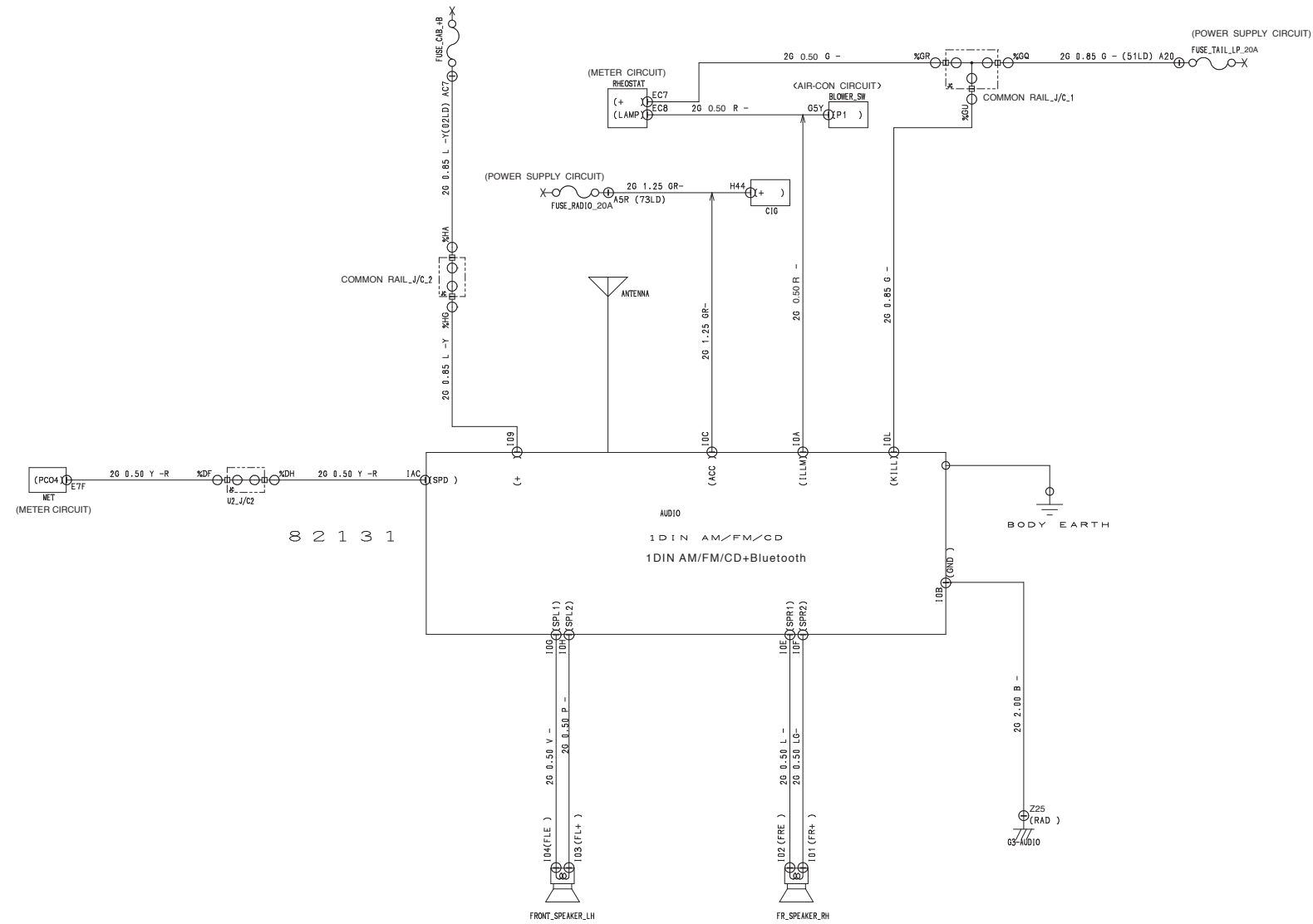
18. POWER WINDOW CIRCUIT



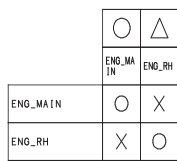
CAB SIDE WIRING

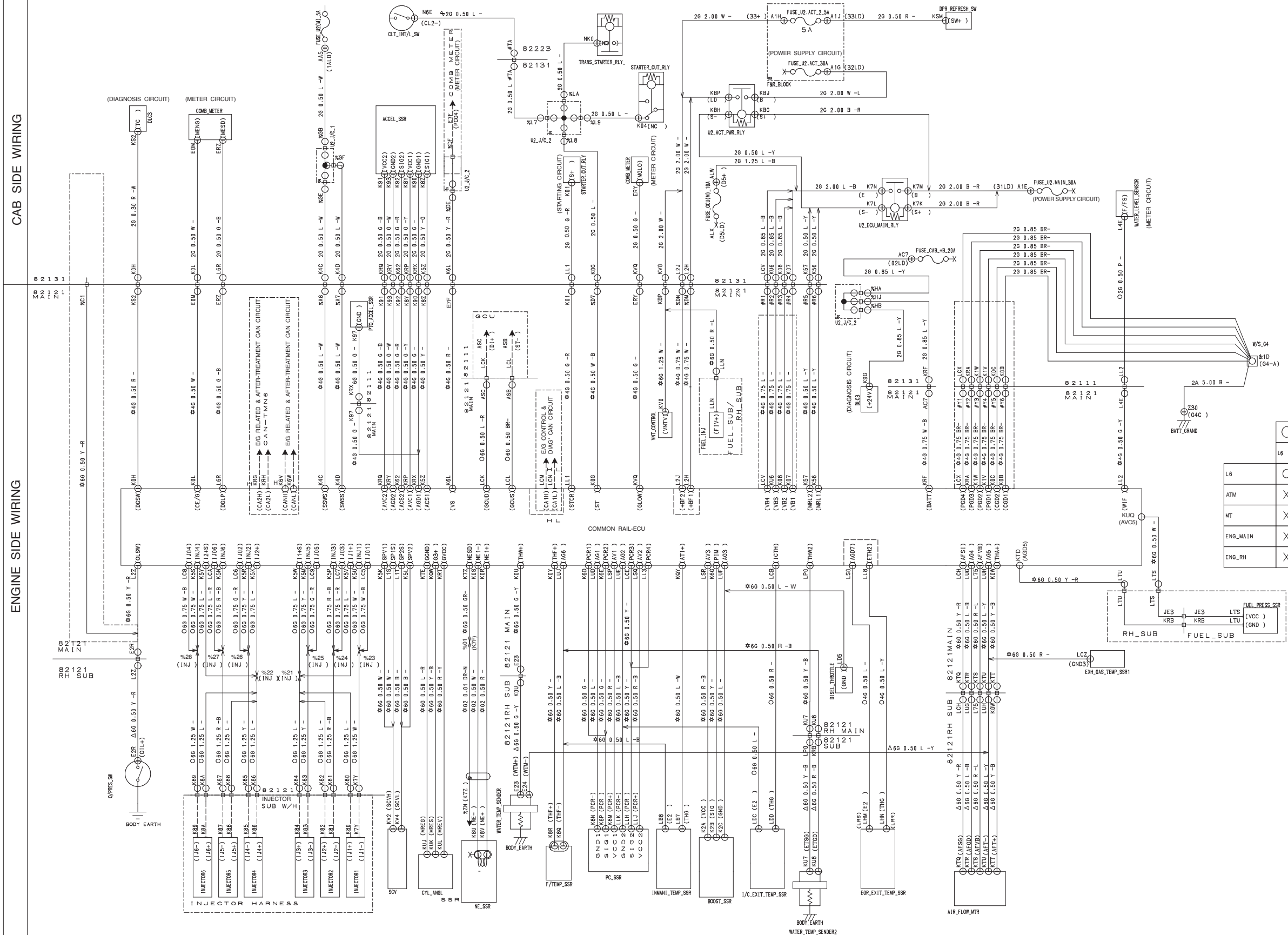
































20. AUDIO CIRCUIT

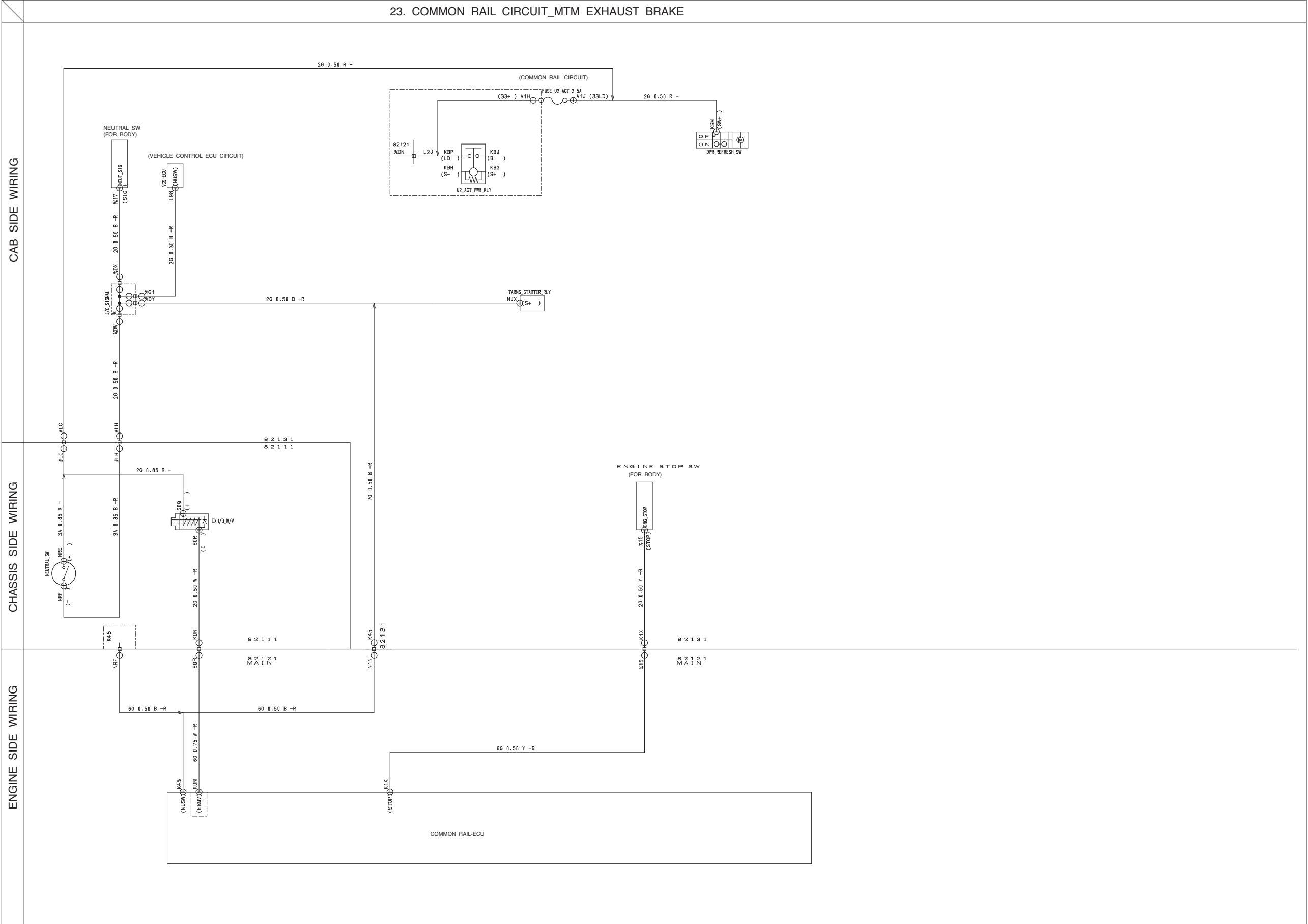


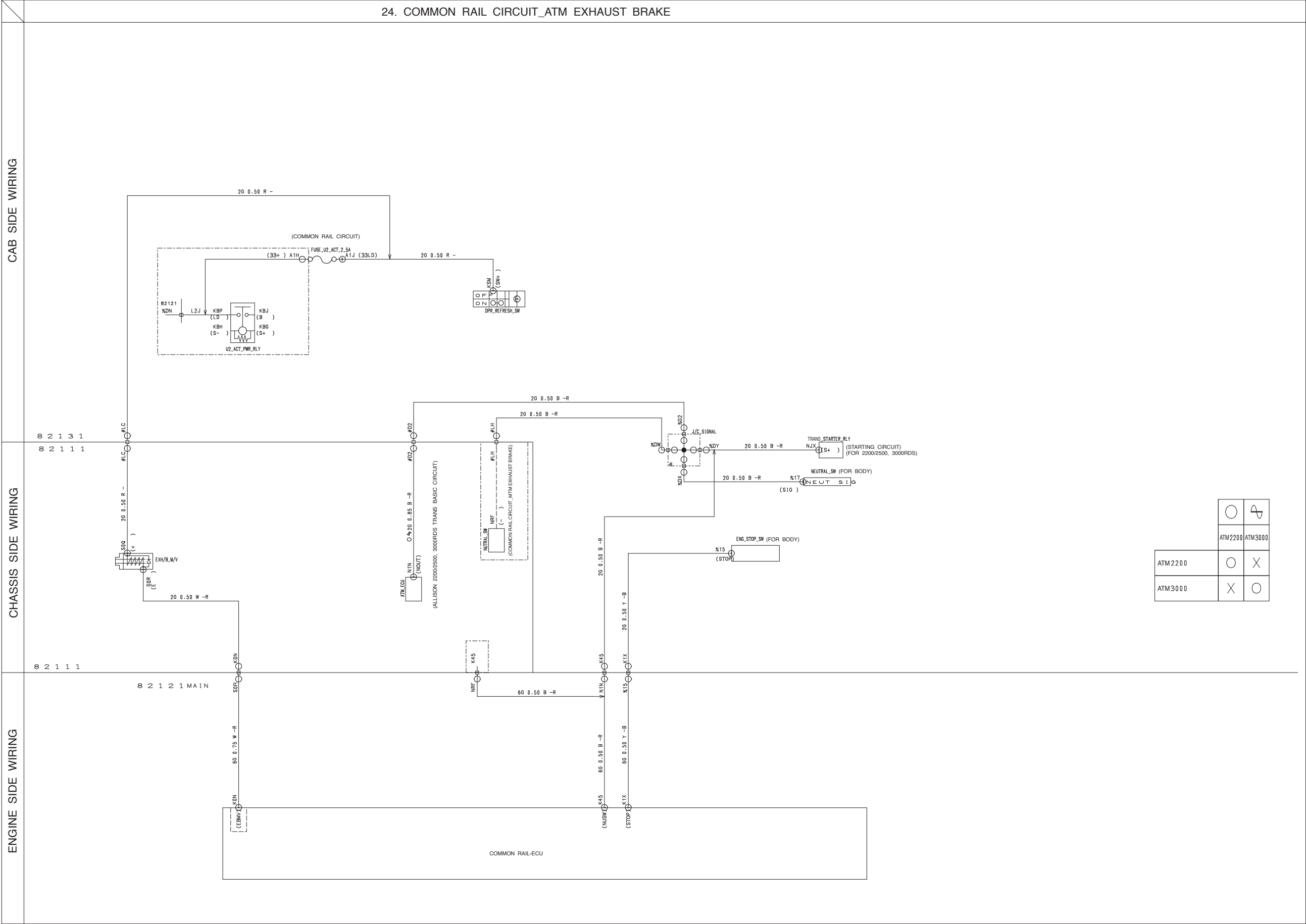
CAB SIDE WIRING



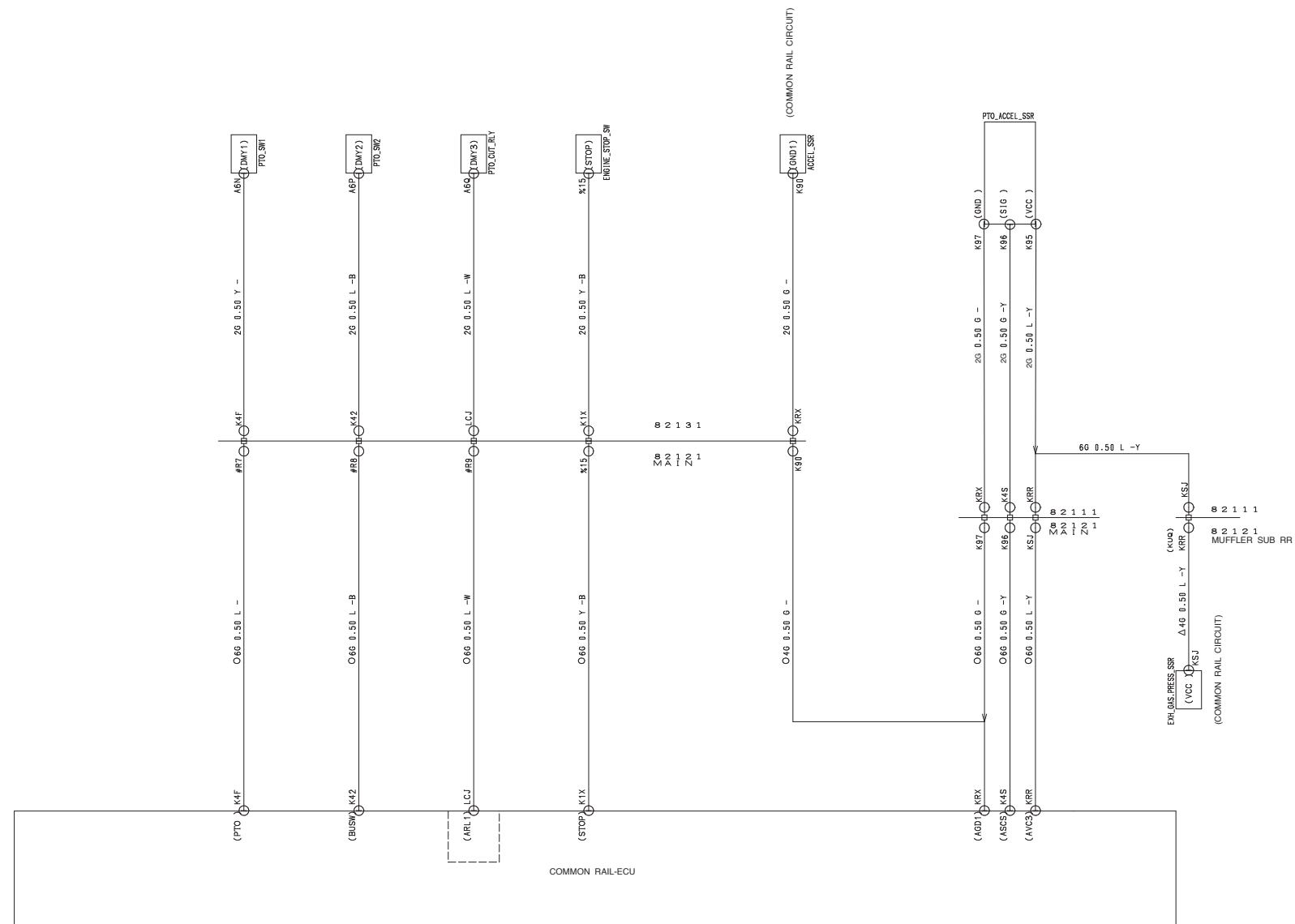








					
	L6	ATM	MT	ENG_MAIN	ENG_RH
L6					
ATM					
MT					
ENG_MAIN					
ENG_RH					



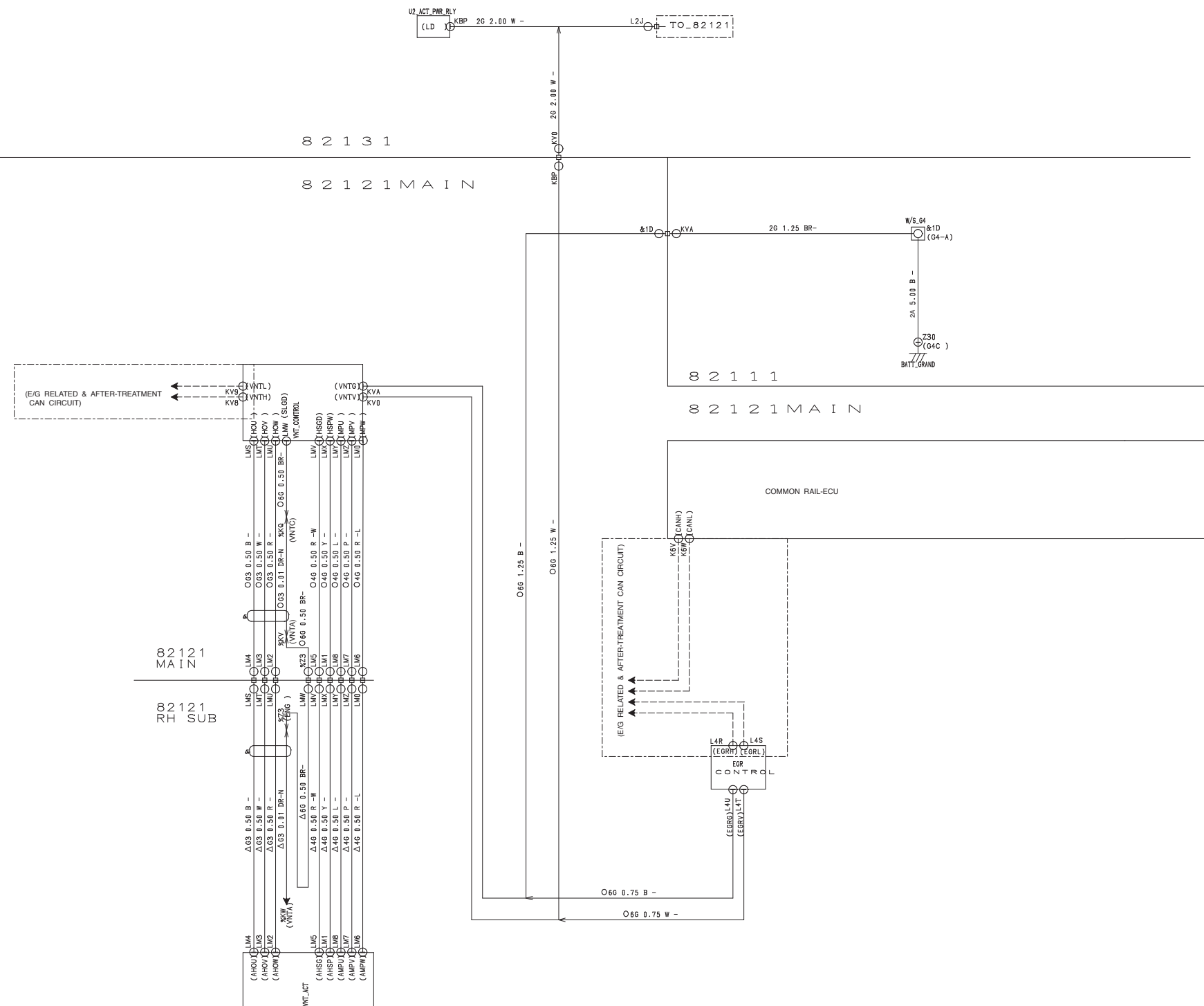


25. COMMON RAIL CIRCUIT_PTO

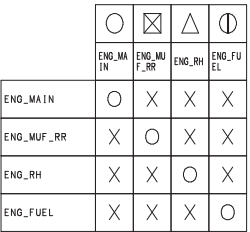


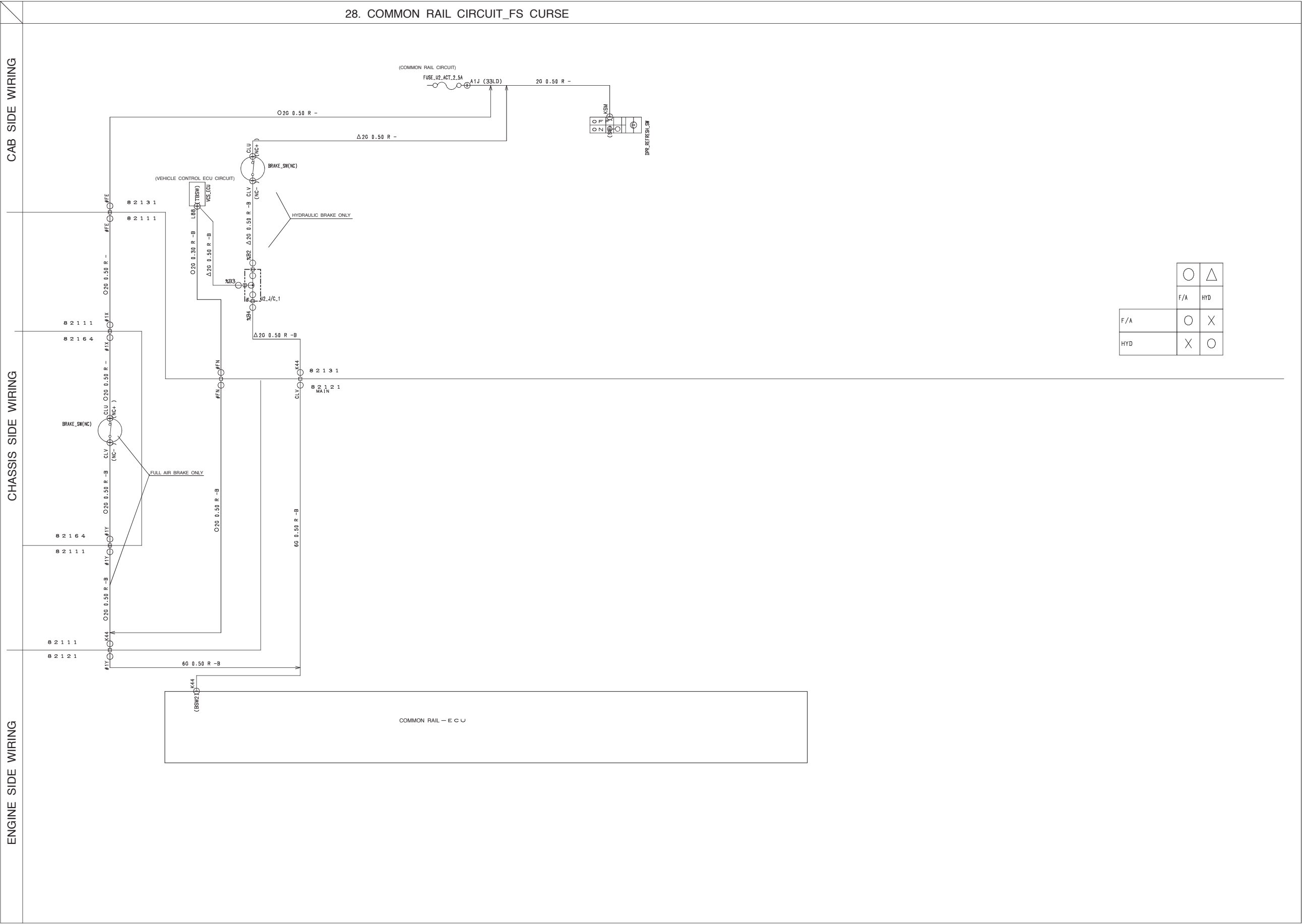
		
	ENG_MA IN	ENG_M F_RR
ENG_MAIN		
ENG_MUF_RR		

26. COMMON RAIL CIRCUIT_EGR, VGT & D-THROTTEL



		○	△
	ENG_MAIN	ENG_MA IN	ENG_
ENG_MAIN		○	×
ENG_RH		×	○

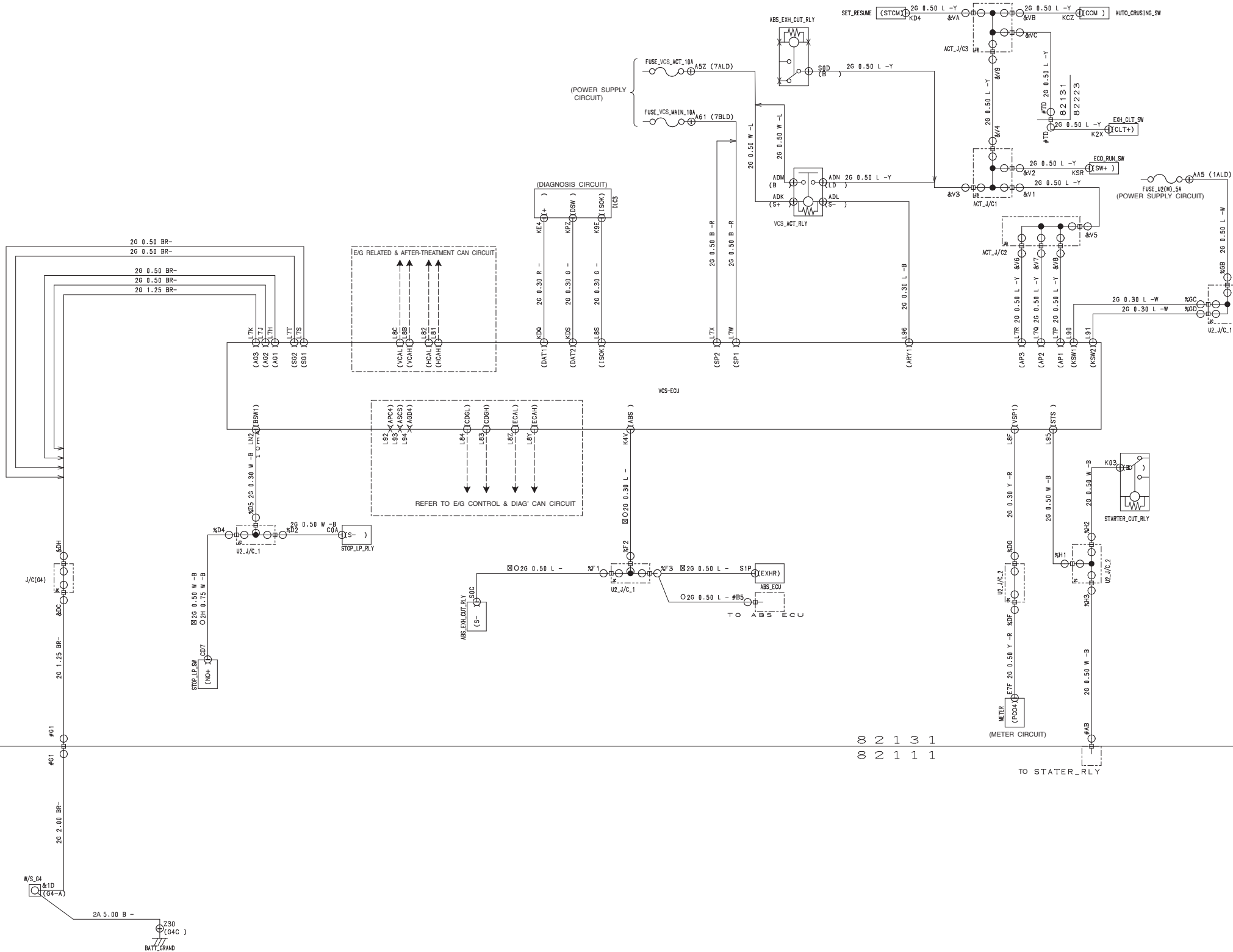




CAB SIDE WIRING

CHASSIS SIDE WIRING

29. VEHICLE CONTROL ECU CIRCUIT_1



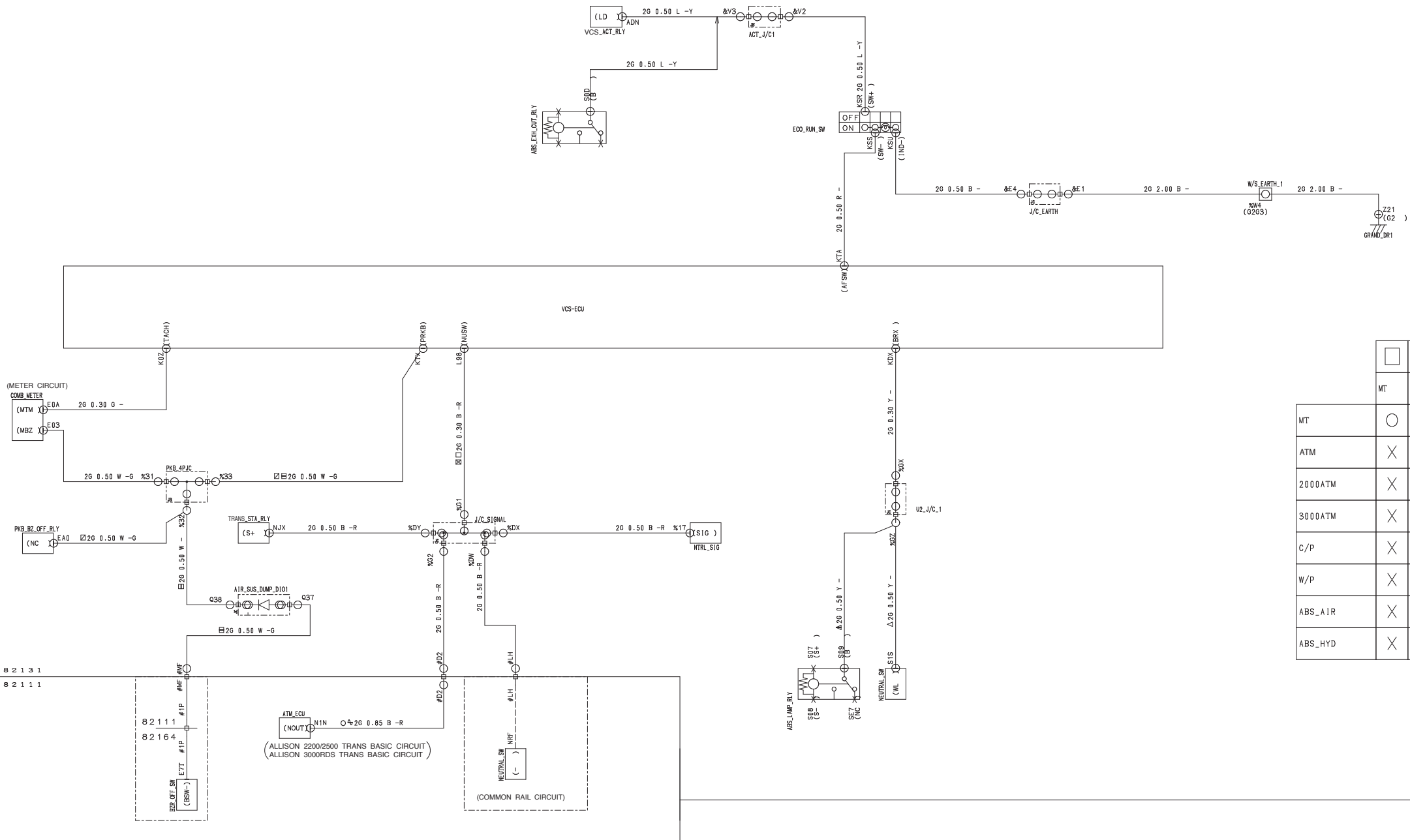
ABS AIR		
HYD&ABS_E		

CAB SIDE WIRING

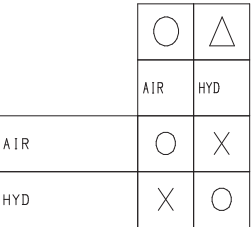
CHASSIS SIDE WIRING

ENGINE SIDE WIRING

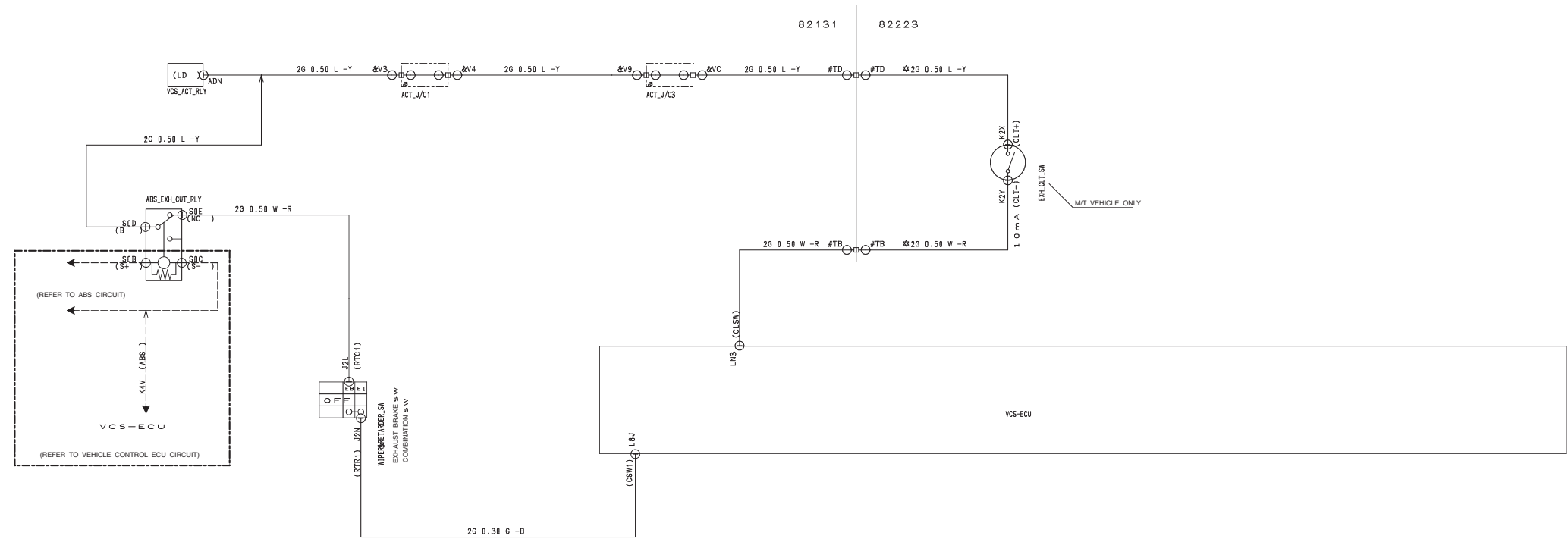
30. VEHICLE CONTROL ECU CIRCUIT_2





	MT	ATM	2000AT M	3000AT M	C/P	W/P	ABS_AIR	ABS_HYD
MT		X	X	X	X	X	X	X
ATM	X		X	X	X	X	X	X
2000ATM	X	X		X	X	X	X	X
3000ATM	X	X	X		X	X	X	X
C/P	X	X	X	X		X	X	X
W/P	X	X	X	X	X		X	X
ABS_AIR	X	X	X	X	X	X		X
ABS_HYD	X	X	X	X	X	X	X	

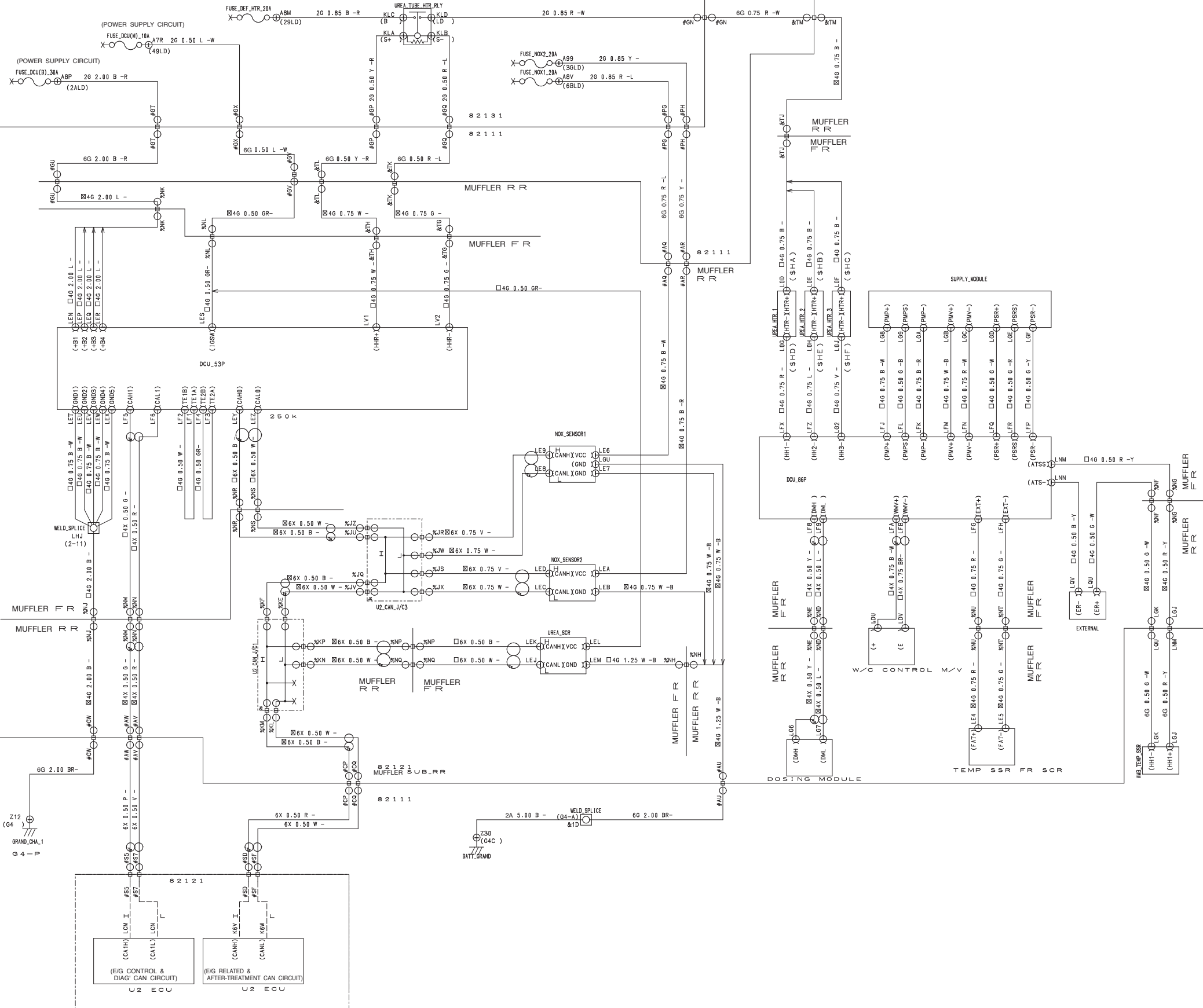








32. VEHICLE CONTROL ECU CIRCUIT_4 (EXHAUST BRAKE)


$$\begin{array}{r} 8 \ 2 \ 1 \ 3 \ 1 \\ \hline \end{array}$$

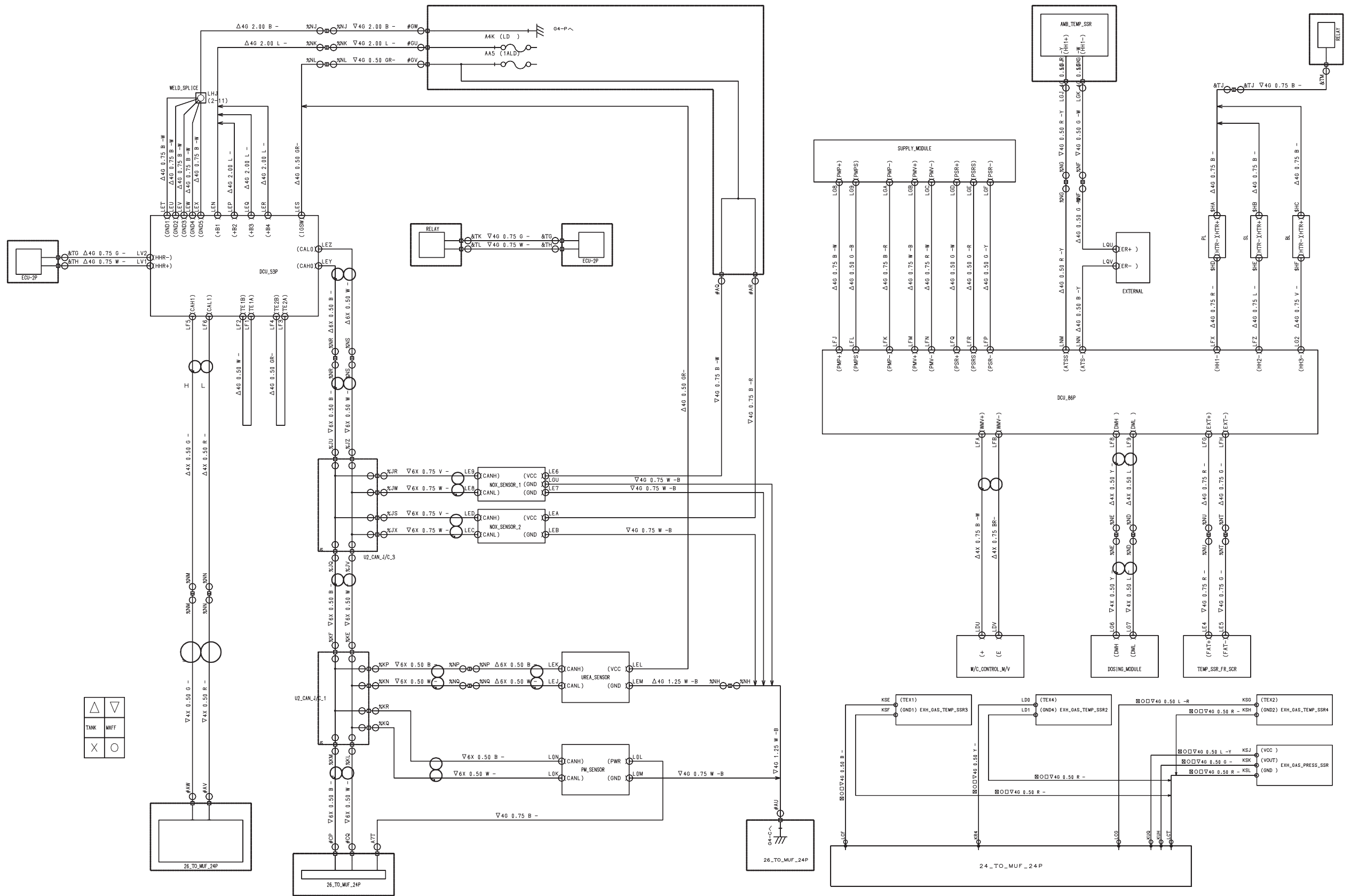
	 MT
MT	

33. DEF SCR CIRCUIT



		
	ENG_MUF_FR	ENG_MUF_RR
ENG_MUF_FR		
ENG_MUF_RR		

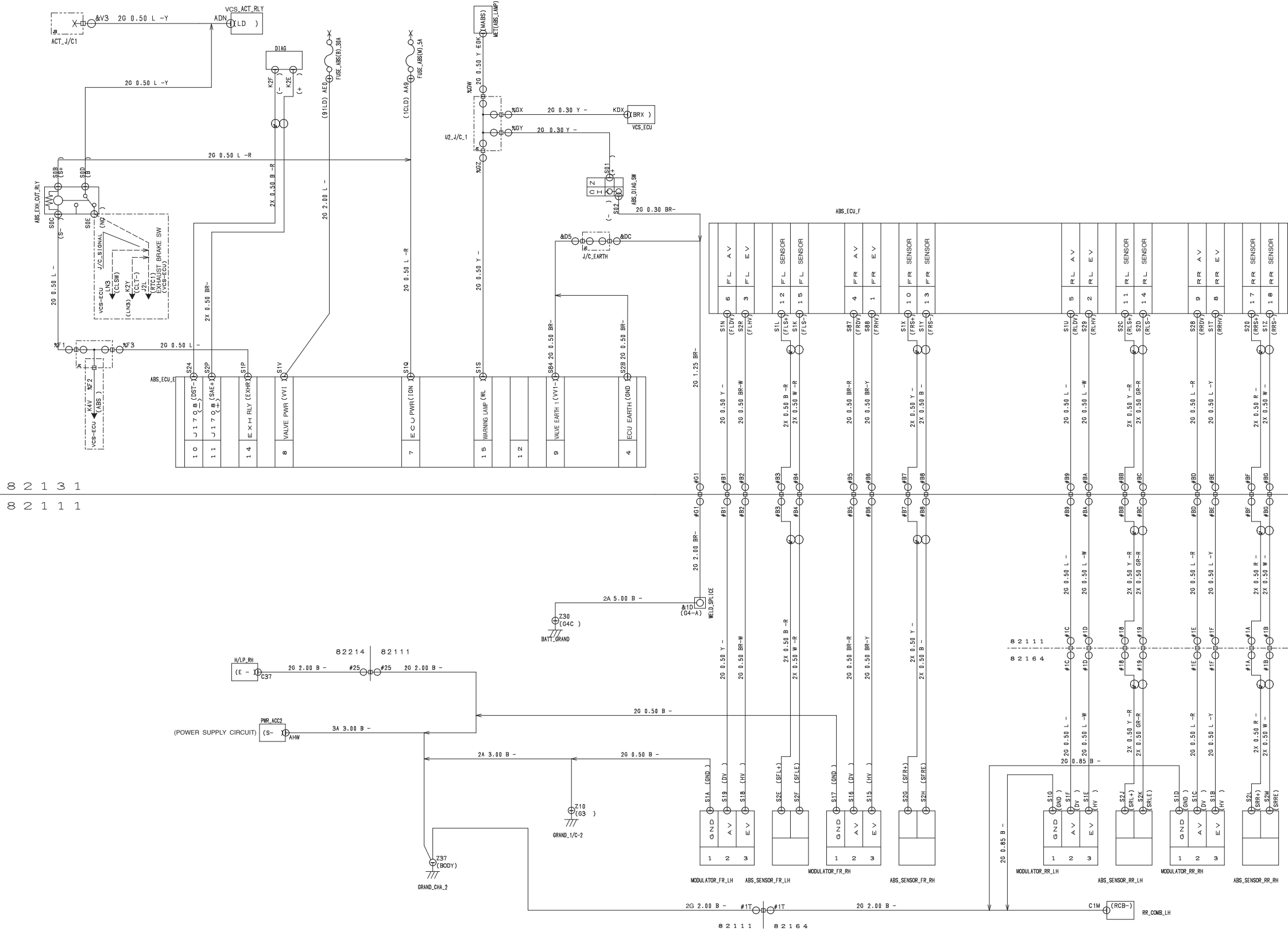
33-1. DEF SCR CIRCUIT - UREA_SYSTEM



CAB SIDE WIRING

34. ABS CIRCUIT_FULL AIR BRAKE

CHASSIS SIDE WIRING

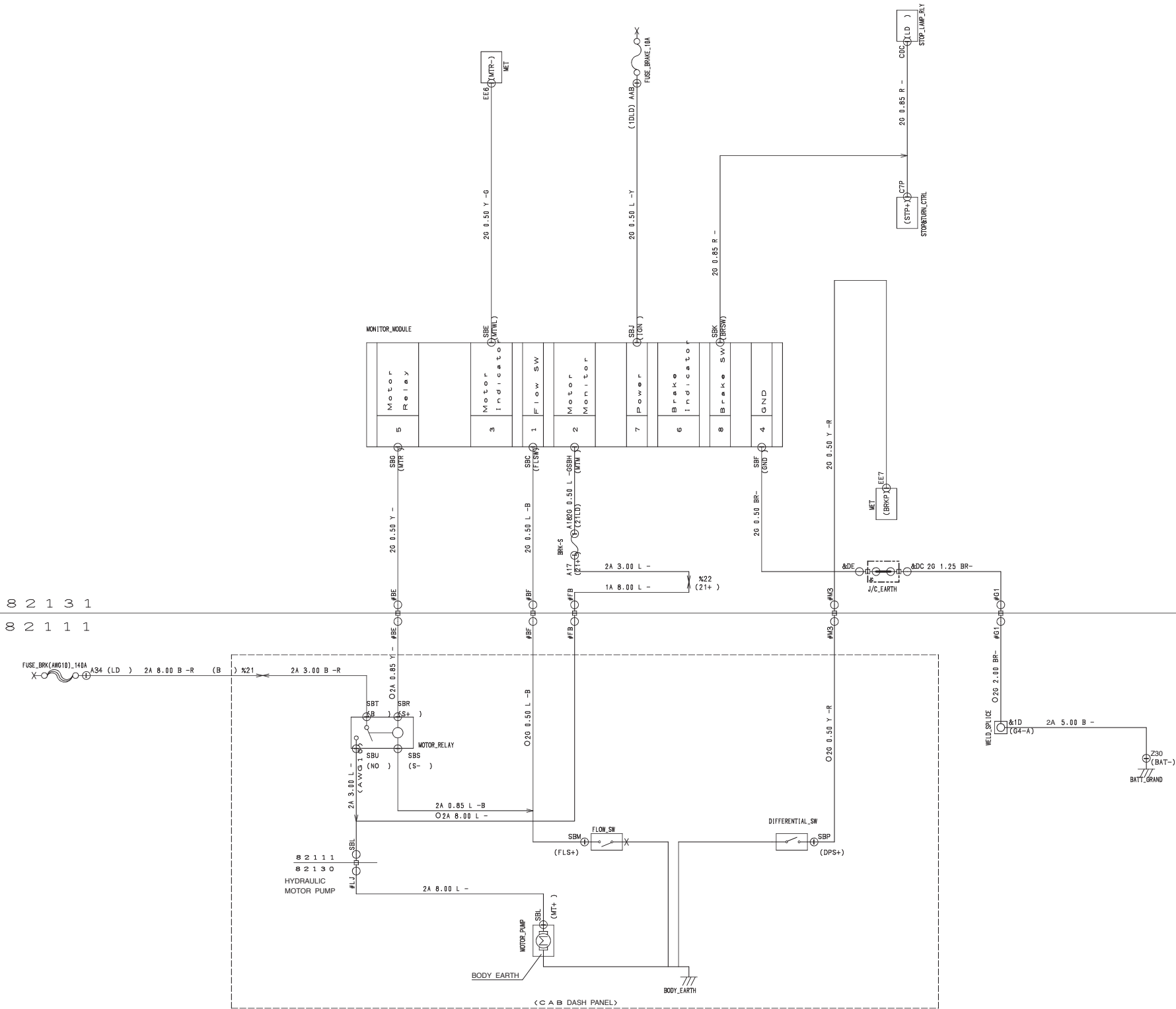




36. HYDRAULIC BRAKE SYSTEM CIRCUIT

CAB SIDE WIRING

CHASSIS SIDE WIRING









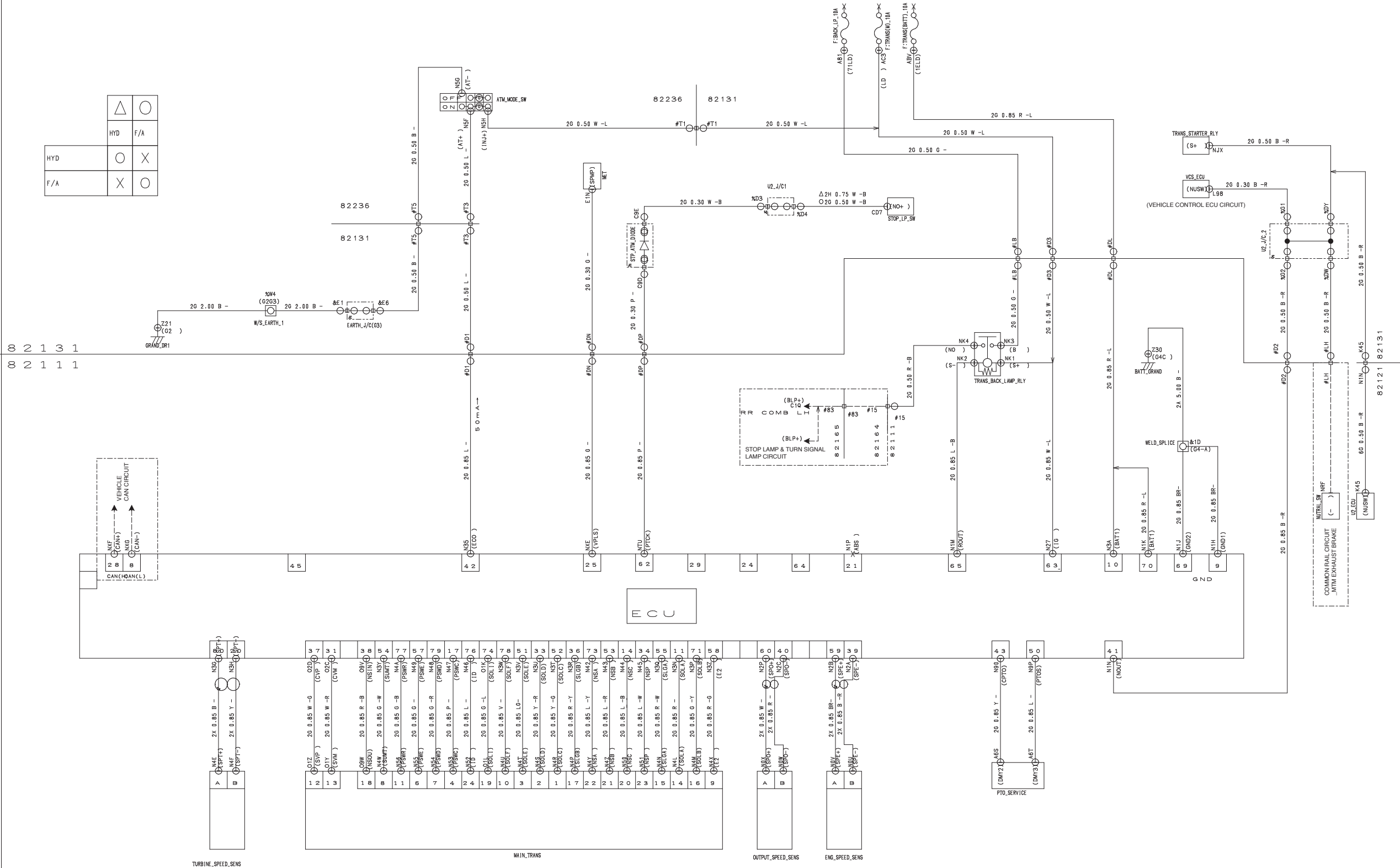
HYD-MAX*L6	
HYD-MA X*L6	

CAB SIDE WIRING

CHASSIS SIDE WIRING

37. ALLISON 2200/2500 TRANS BASIC CIRCUIT

		
HYD		
F/A		

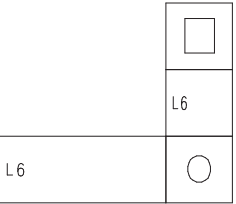
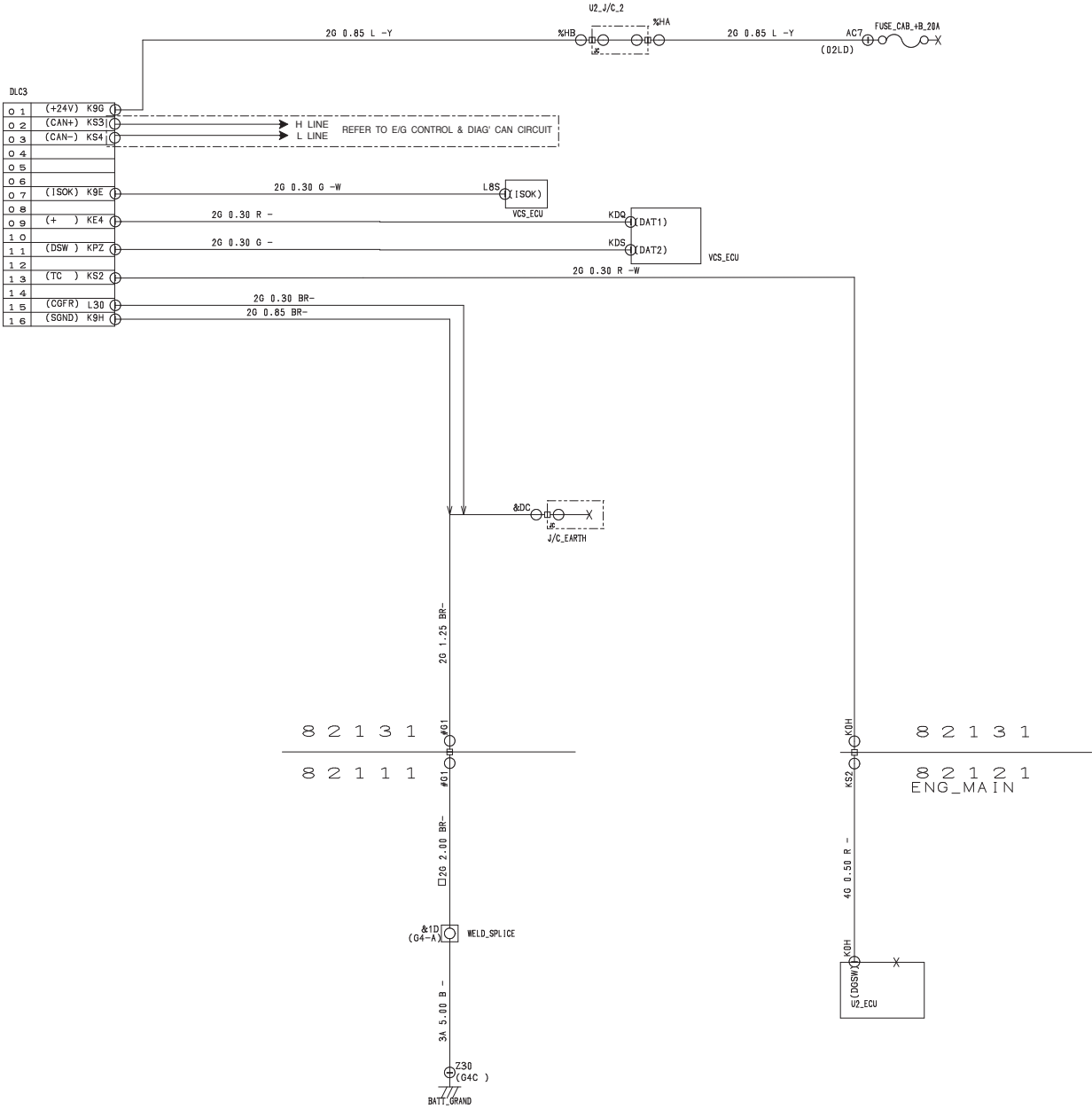




CAB SIDE WIRING

CHASSIS SIDE WIRING

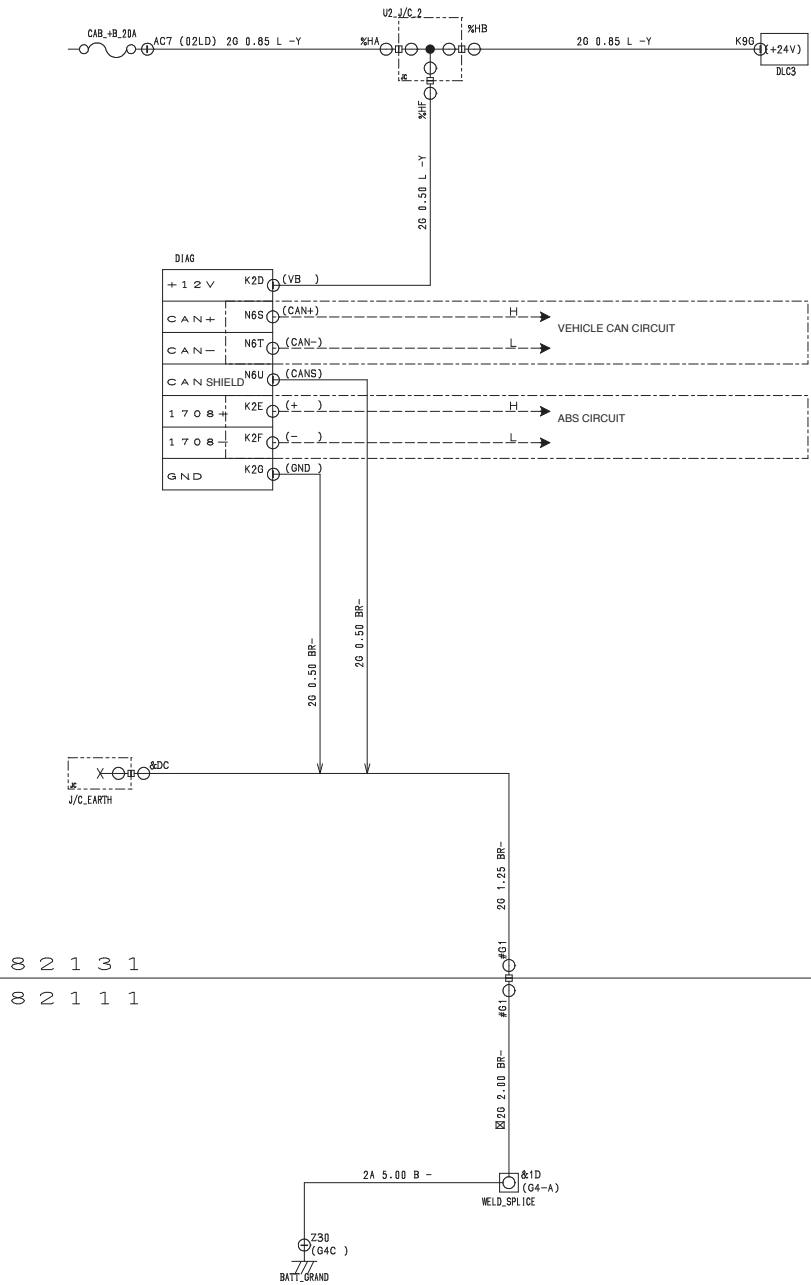
39. DIAGNOSIS CIRCUIT



CAB SIDE WIRING

CHASSIS SIDE WIRING

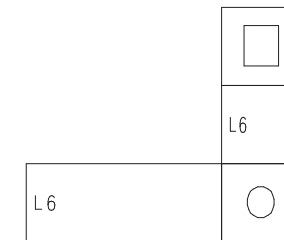
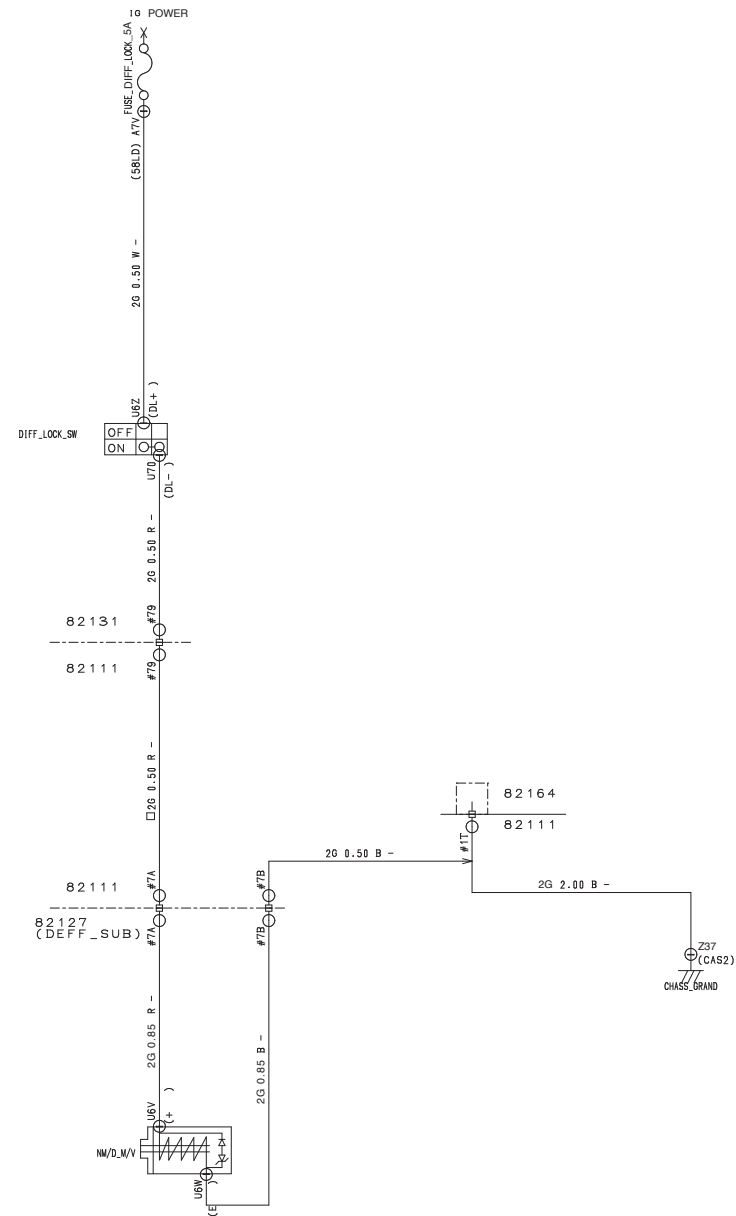
40. DIAG' CONNECTOR CIRCUIT



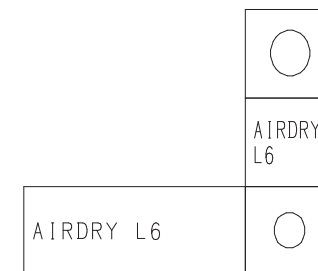
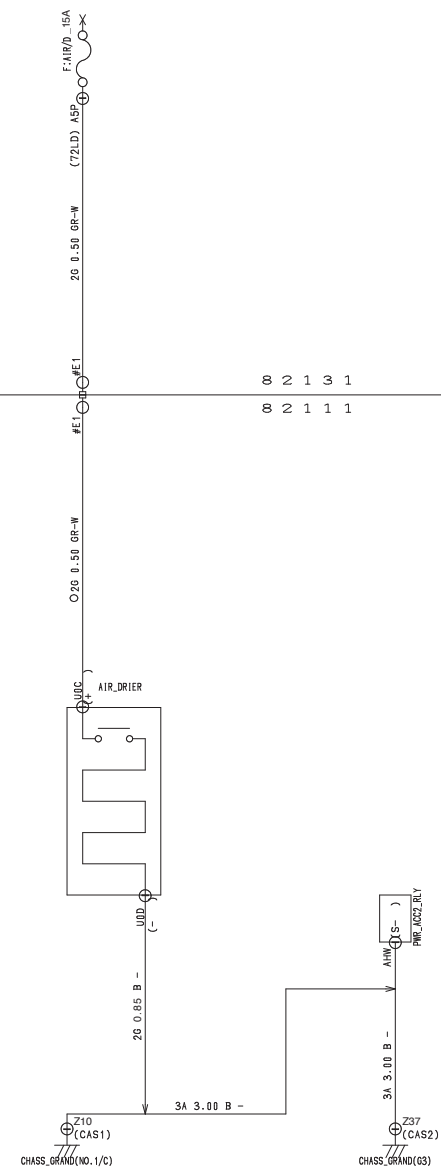
	L6
L6	

41. MANUAL DIFF LOCK CIRCUIT

CAB SIDE WIRING



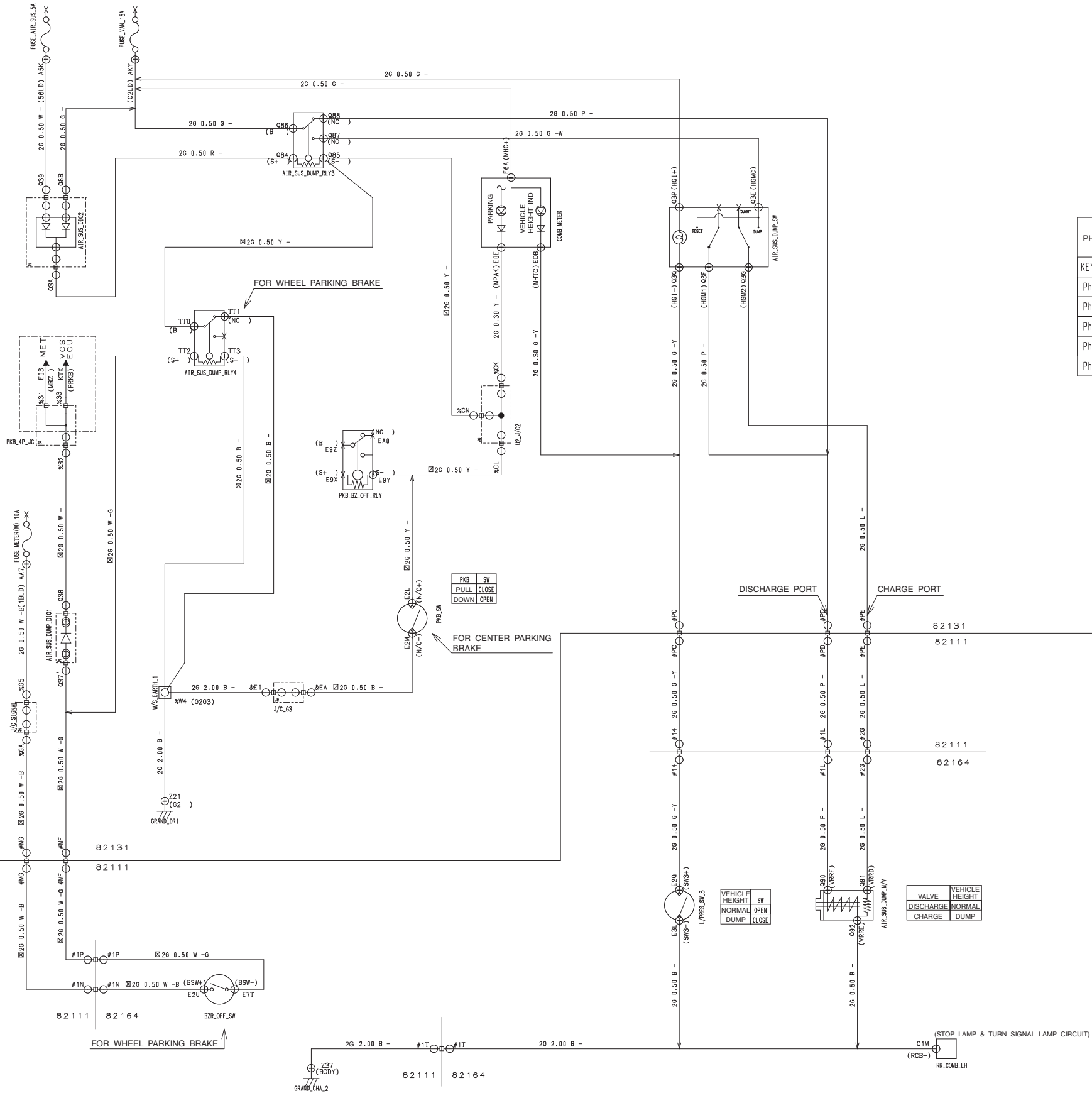
42. AIR DRIER CIRCUIT



CAB SIDE WIRING

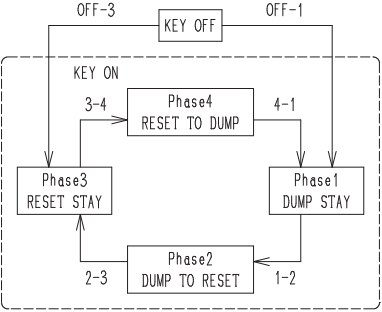
CHASSIS SIDE WIRING

43. AIR SUS DUMP CIRCUIT

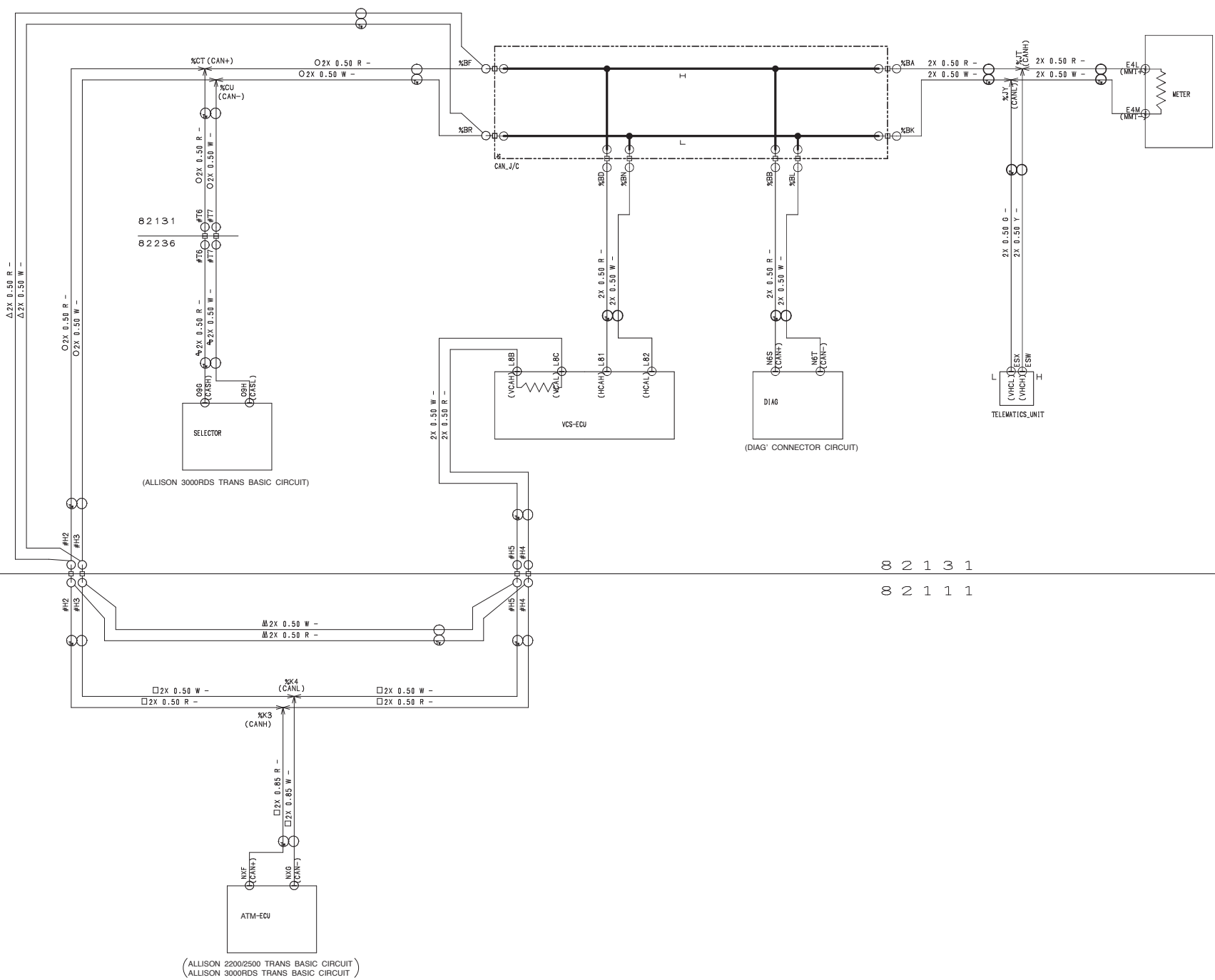


PHASE	OPERATION		CONDITION			
	VALVE	INDICATOR	PKB SW	DUMP SW	RESET SW	STARTER KEY SW
KEY-OFF	OFF	OFF	ON/OFF	ON/OFF	ON/OFF	OFF
Phase1	OFF	ON	ON	OFF	OFF	ON
Phase2	ON (DISCHARGE)	-	OFF	ON/OFF	ON/OFF	ON
Phase2	ON (DISCHARGE)	-	ON	OFF	ON	ON
Phase3	OFF	OFF	ON/OFF	OFF	OFF	ON
Phase4	ON (CHARGE)	-	ON	ON	OFF	ON

	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C/P	<input type="checkbox"/>	<input checked="" type="checkbox"/>
W/P	<input checked="" type="checkbox"/>	<input type="checkbox"/>



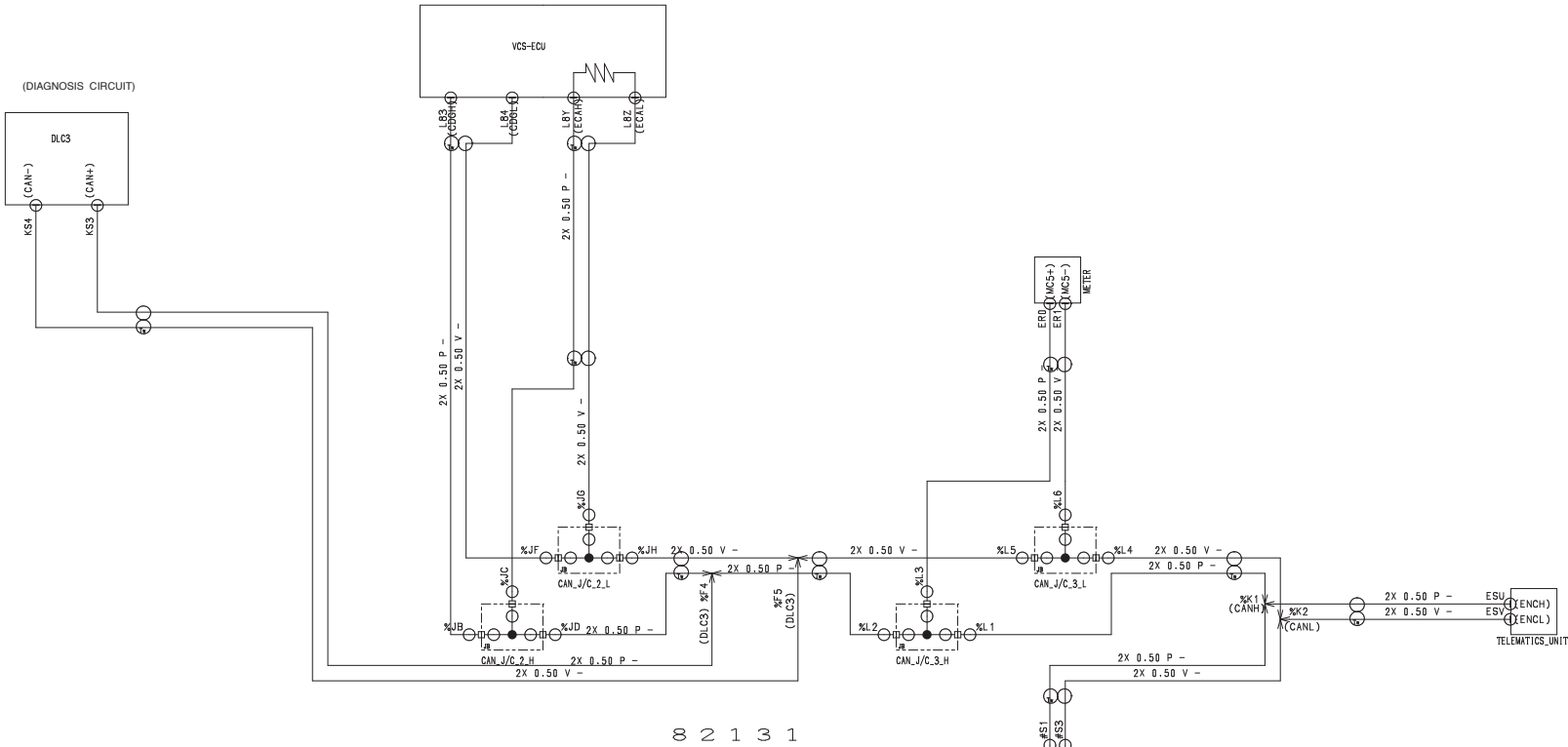
44. VEHICLE CAN CIRCUIT



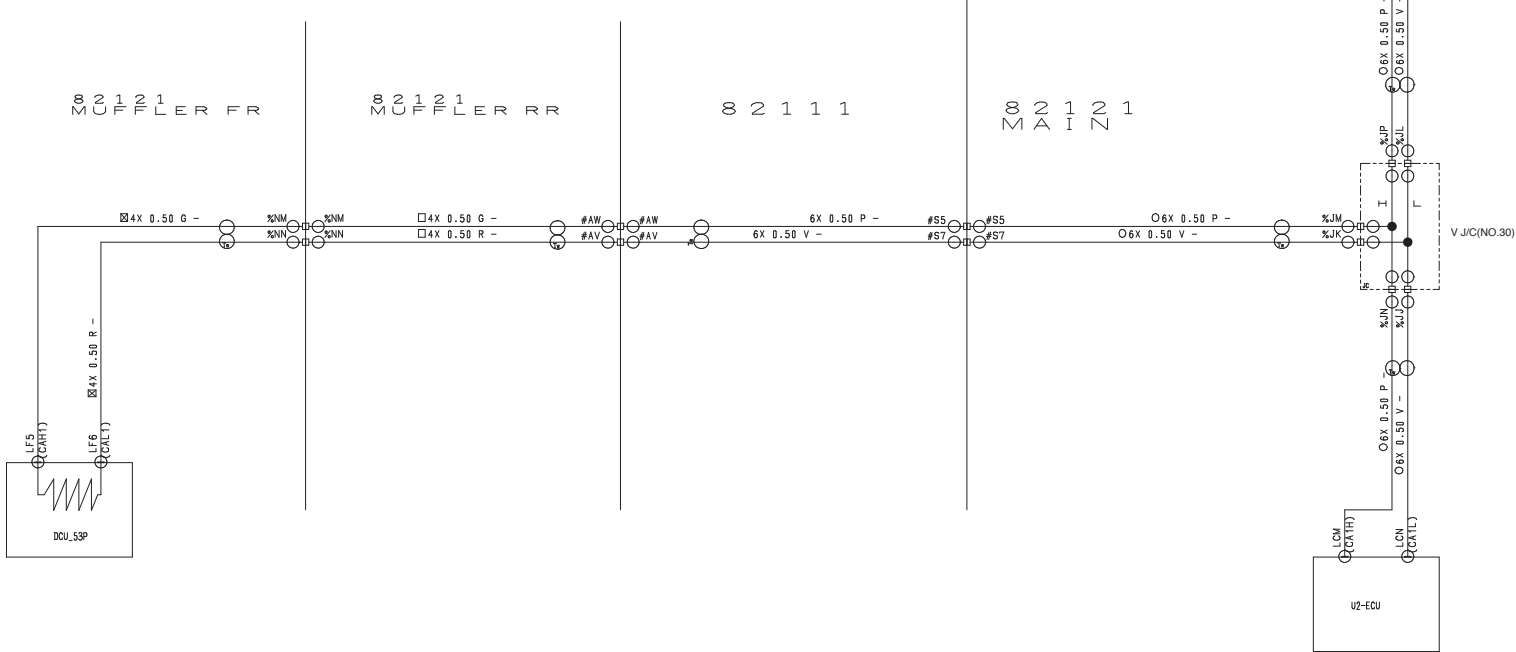
	MT	ATM3000	ALLISON2000/3000	F/A	HYD
MT		X	X	X	X
ATM3000	X		X	X	X
ALLISON2000/3000	X	X		X	X
F/A	X	X	X		X
HYD	X	X	X	X	







CAB SIDE WIRING

45. E/G CONTROL & DIAG¹ CAN CIRCUIT



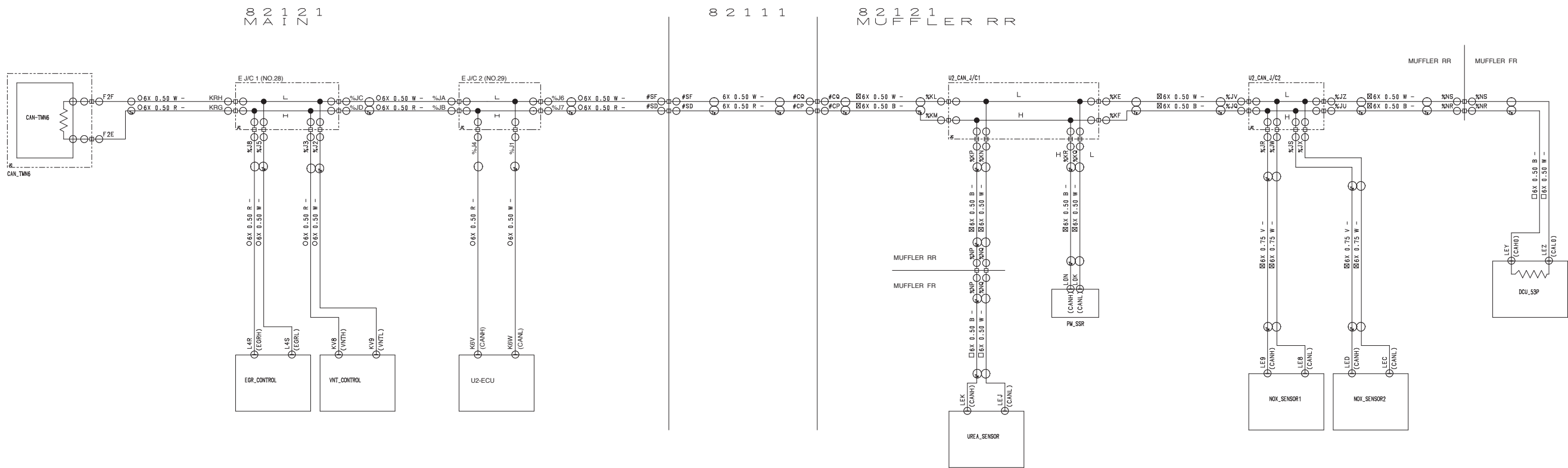
CHASSIS SIDE WIRING



			
	ENG_MA IN	ENG_MU F_FR	ENG_MU F_RR
ENG_MAIN		X	X
ENG_MUF_FR	X		X
ENG_MUF_RR	X	X	

CHASSIS SIDE WIRING

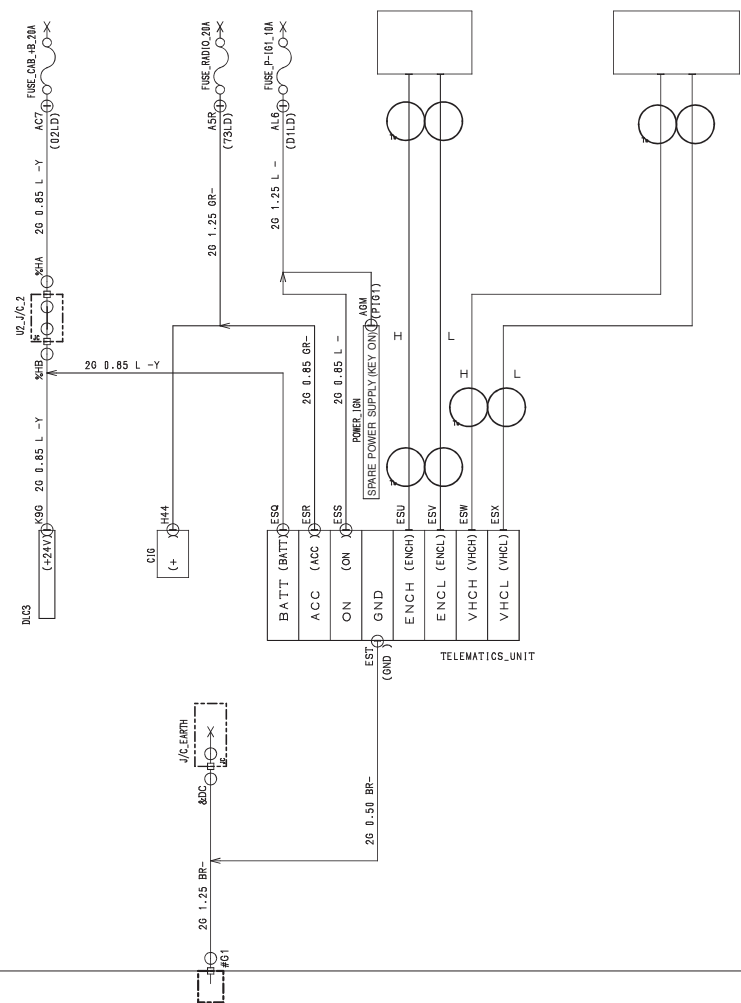
46. E/G RELATED & AFTER-TREATMENT CAN CIRCUIT



	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	ENG_MA IN	ENG_MU F_RR	ENG_MU F_FR
ENG_MAIN	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ENG_MUF_RR	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
ENG_MUF_FR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>

CAB SIDE WIRING

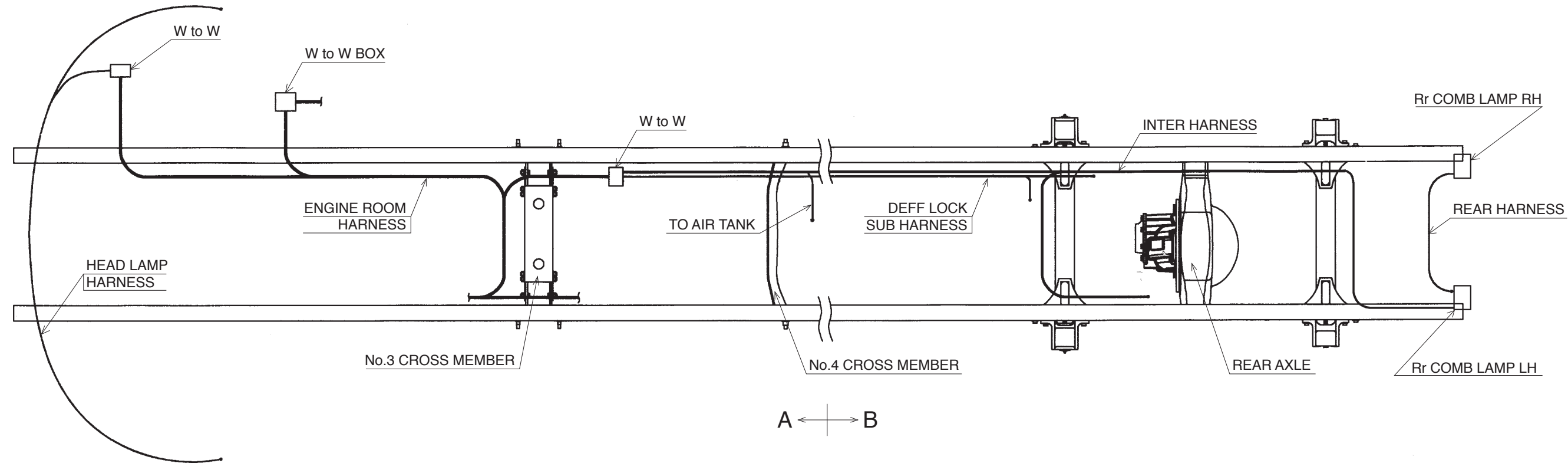
CHASSIS SIDE WIRING



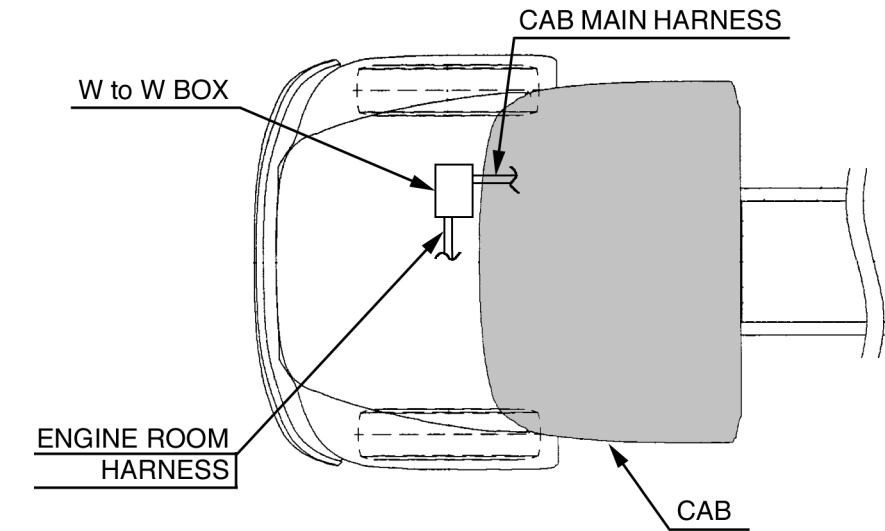
5. CONNECTORS

The following figure shows the location of each connectors.

CHASSIS SIDE

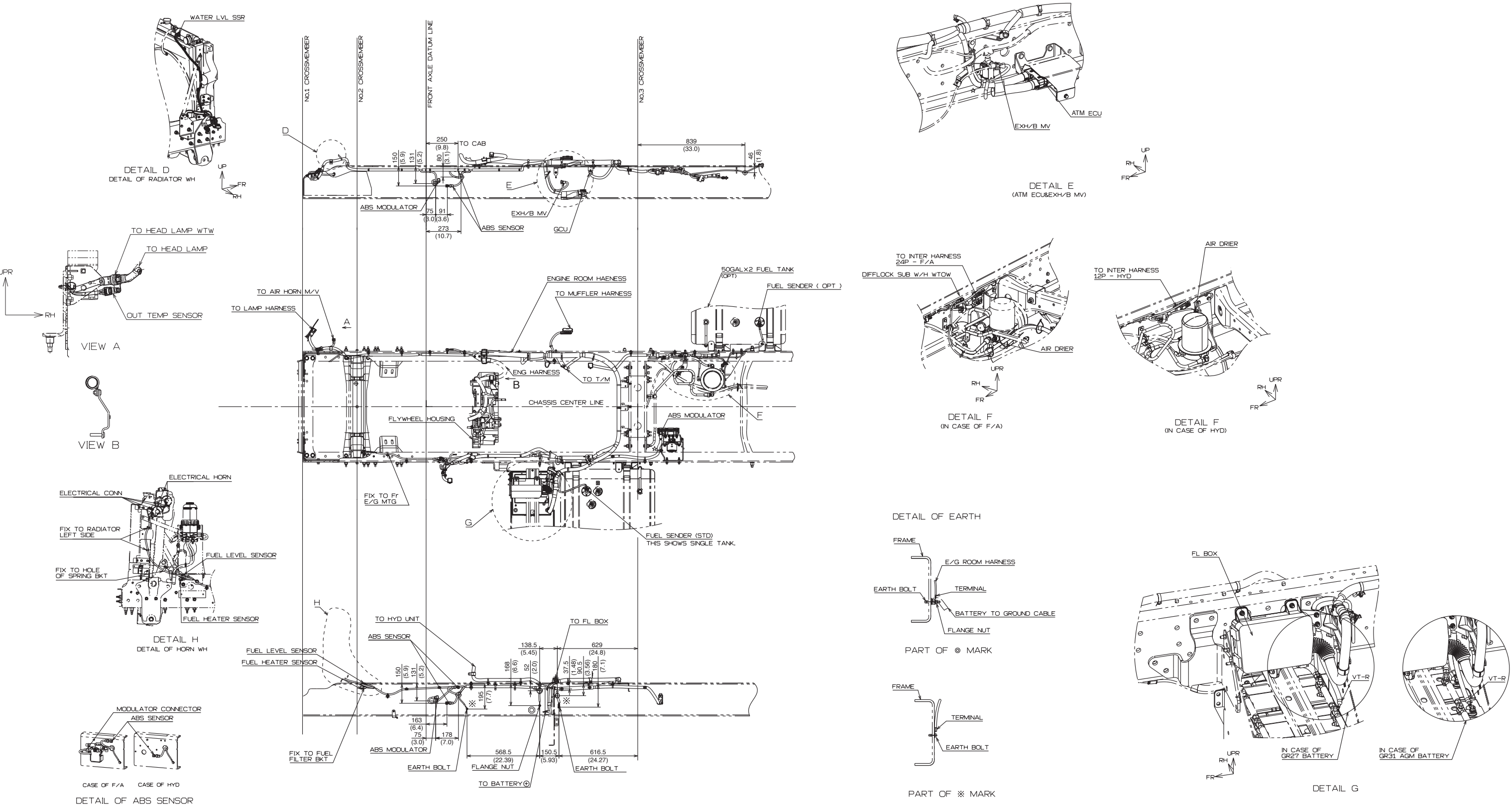


CAB SIDE

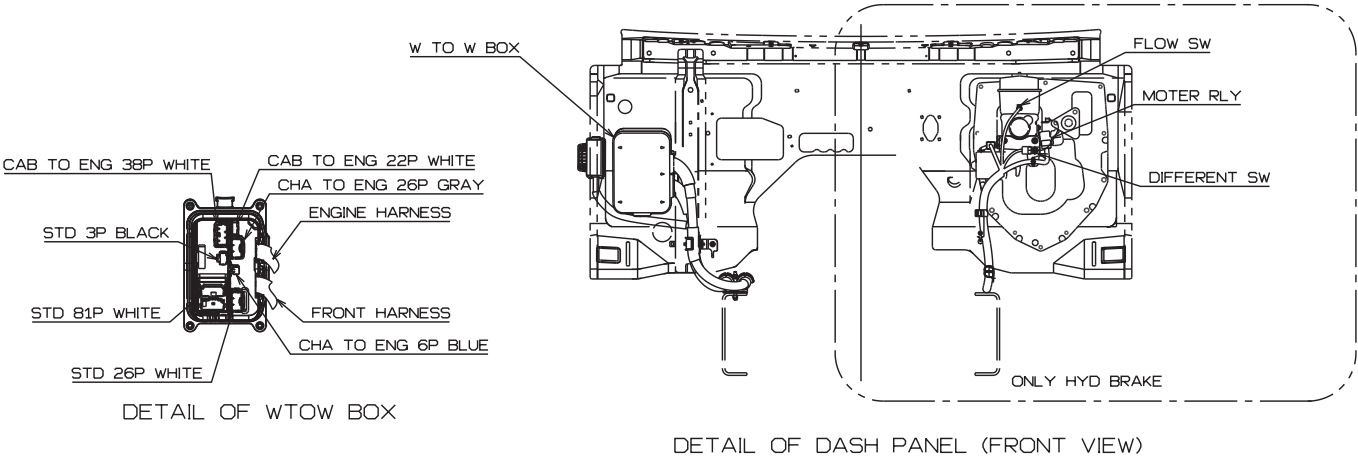


DETAIL OF A PART
No.1 CROSSMEMBER ~ No.3 CROSSMEMBER
ENGINE ROOM HARNESS

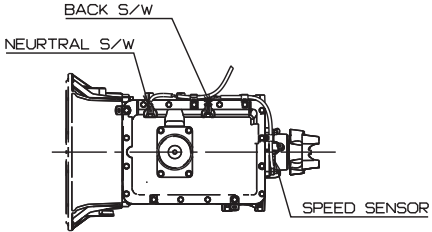
Unit : mm (in.)



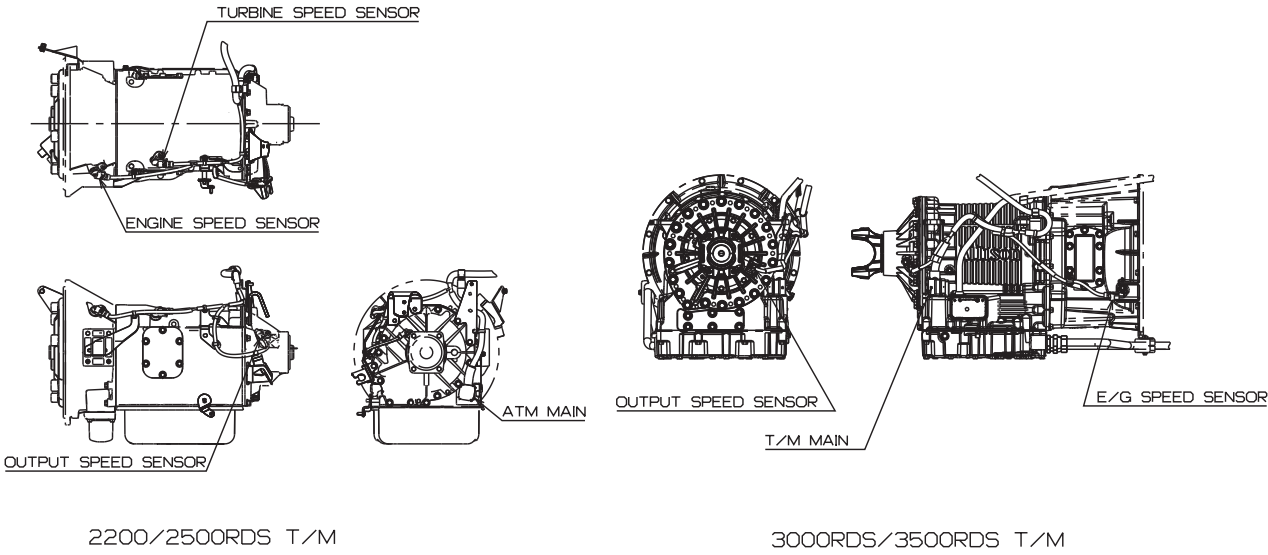
DASH PANEL



EATON T / M

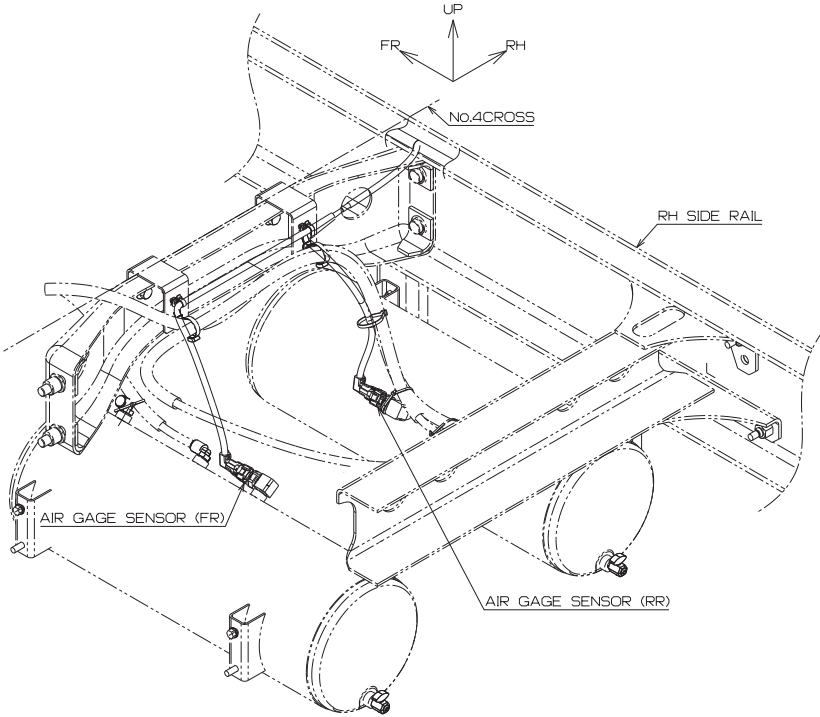
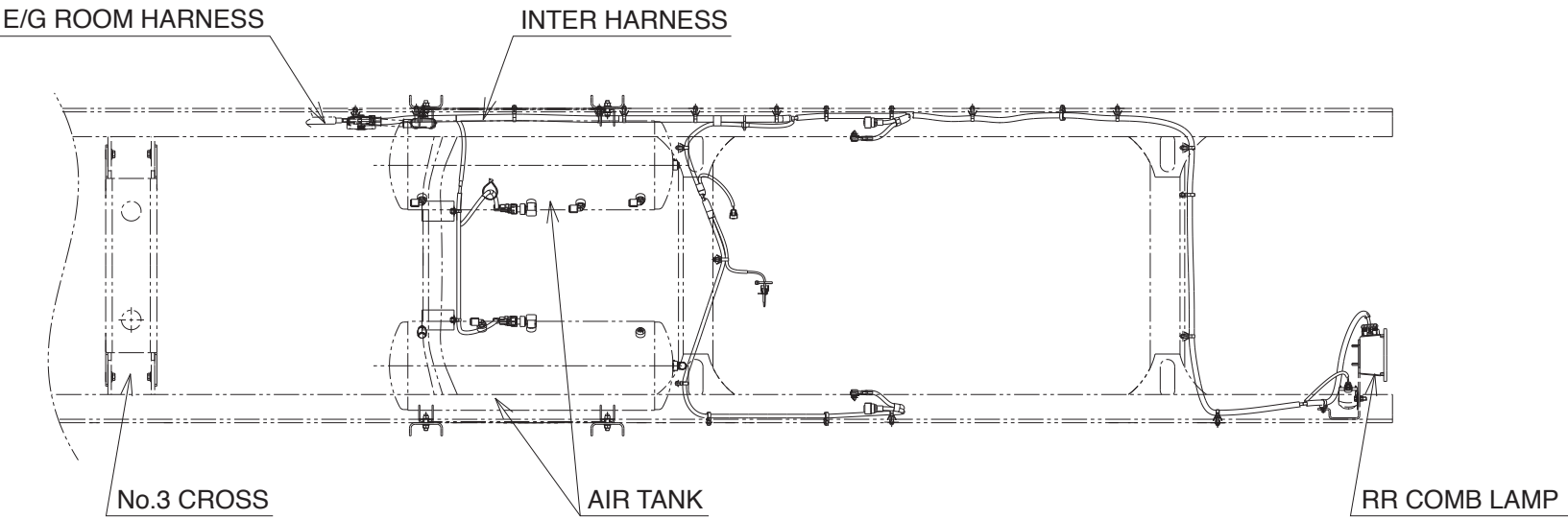


ALLISON ATM

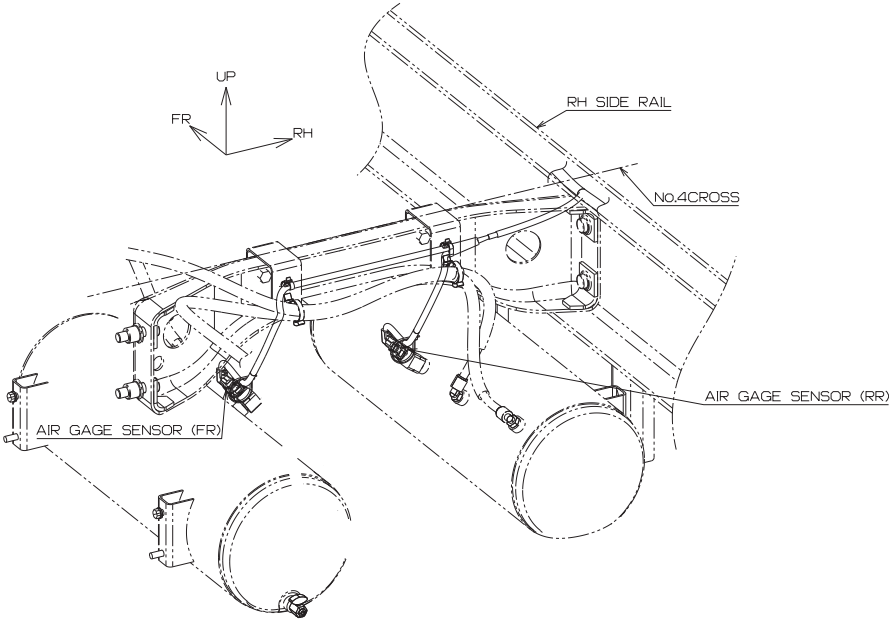


No.4 CROSSMEMBER

AIR TANK



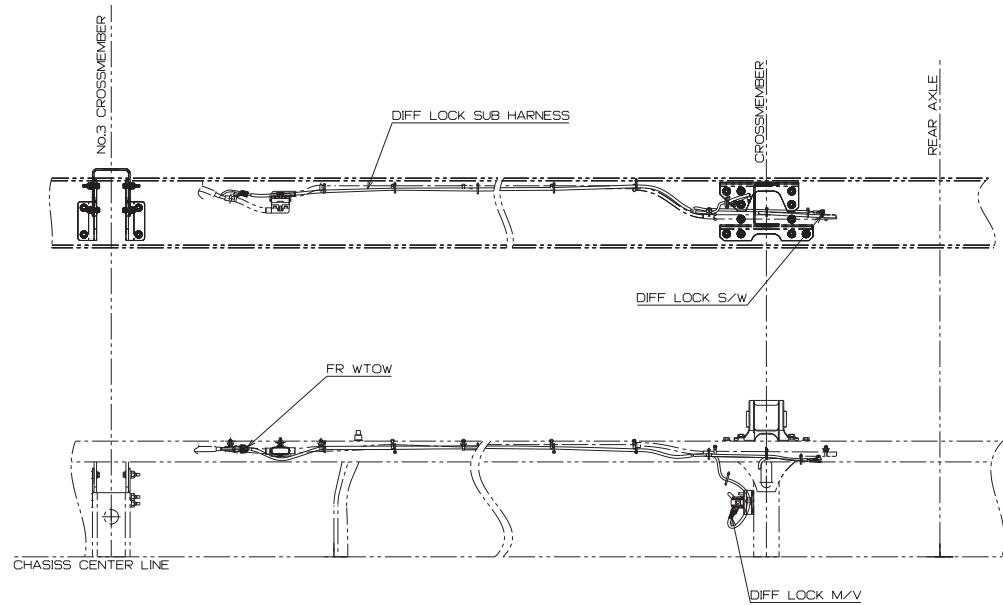
DETAIL HARNESS POSITION ON AIRTANK(W/B=G,J,M,N,P,R,V)



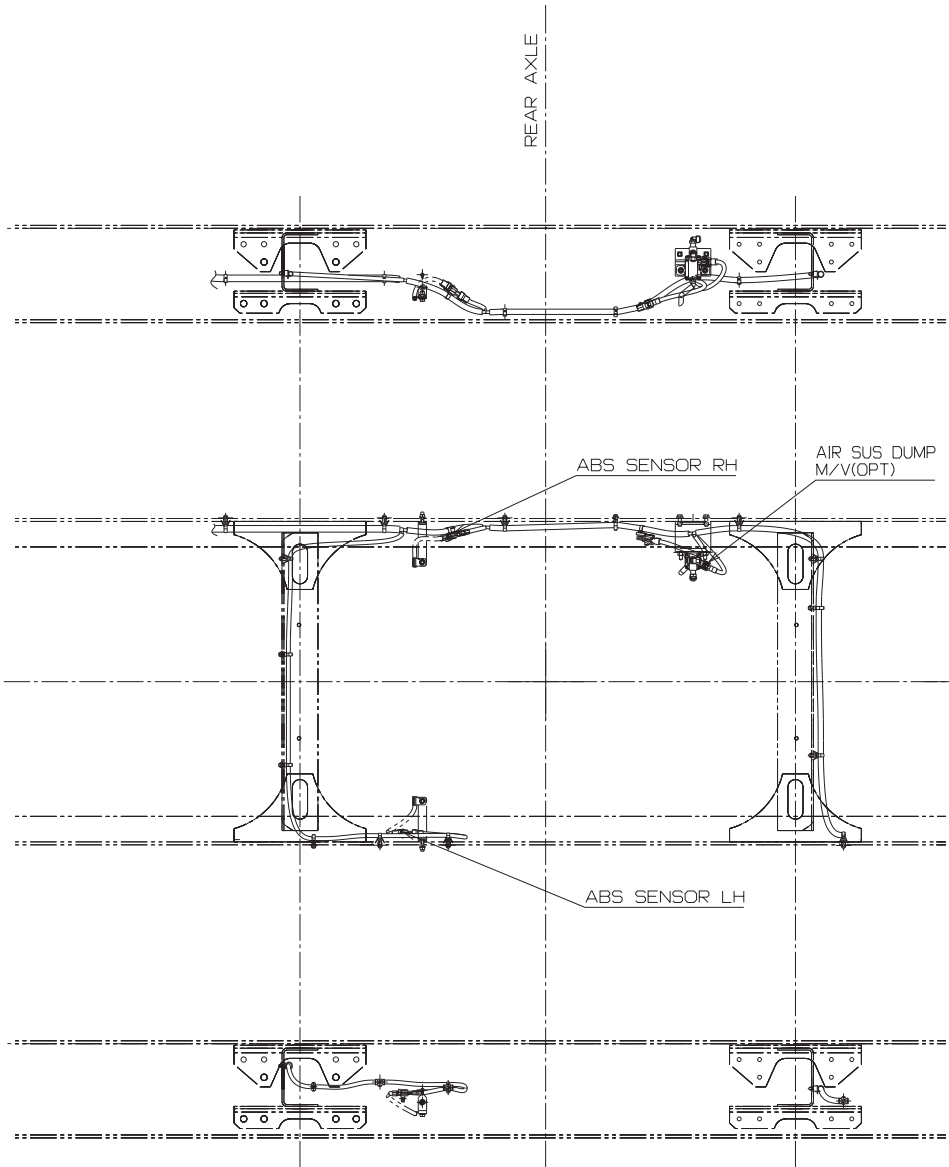
DETAIL HARNESS POSITION ON AIRTANK(W/B=L,T)

DETAIL OF B PART
AROUND REAR AXILE

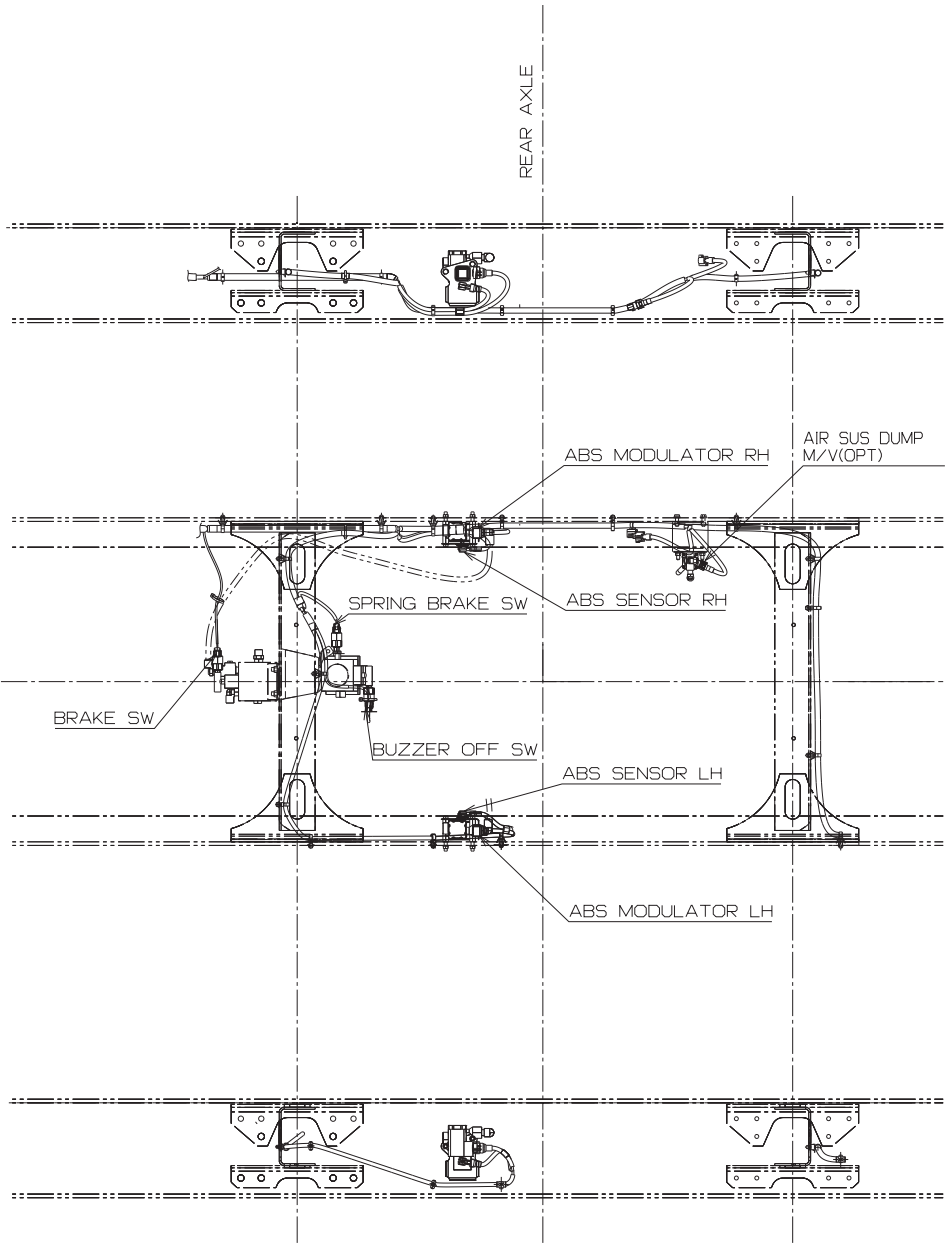
DEFF LOCK SUB HARNESS



INTER HARNESS



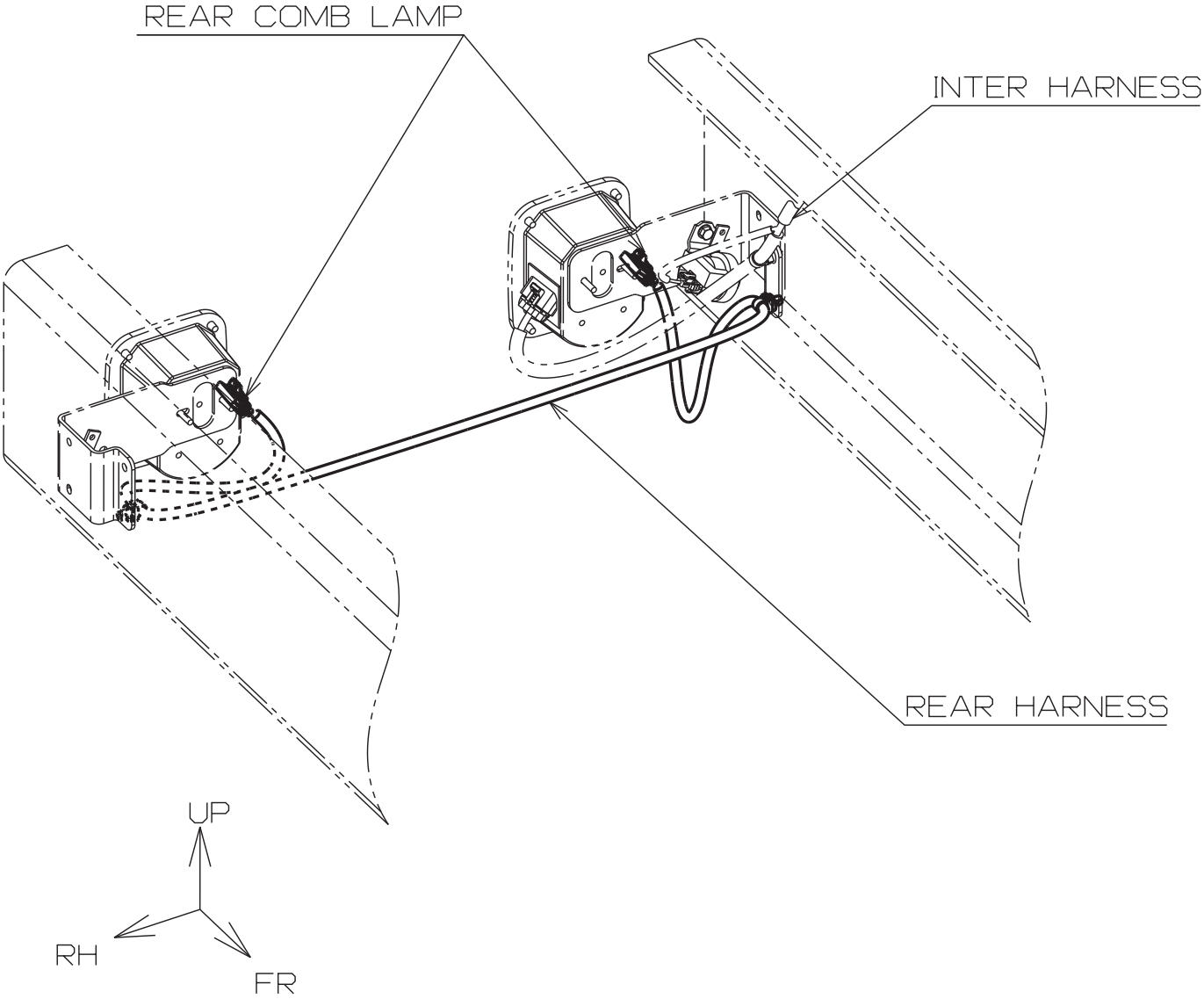
HYDRAULIC BRAKE



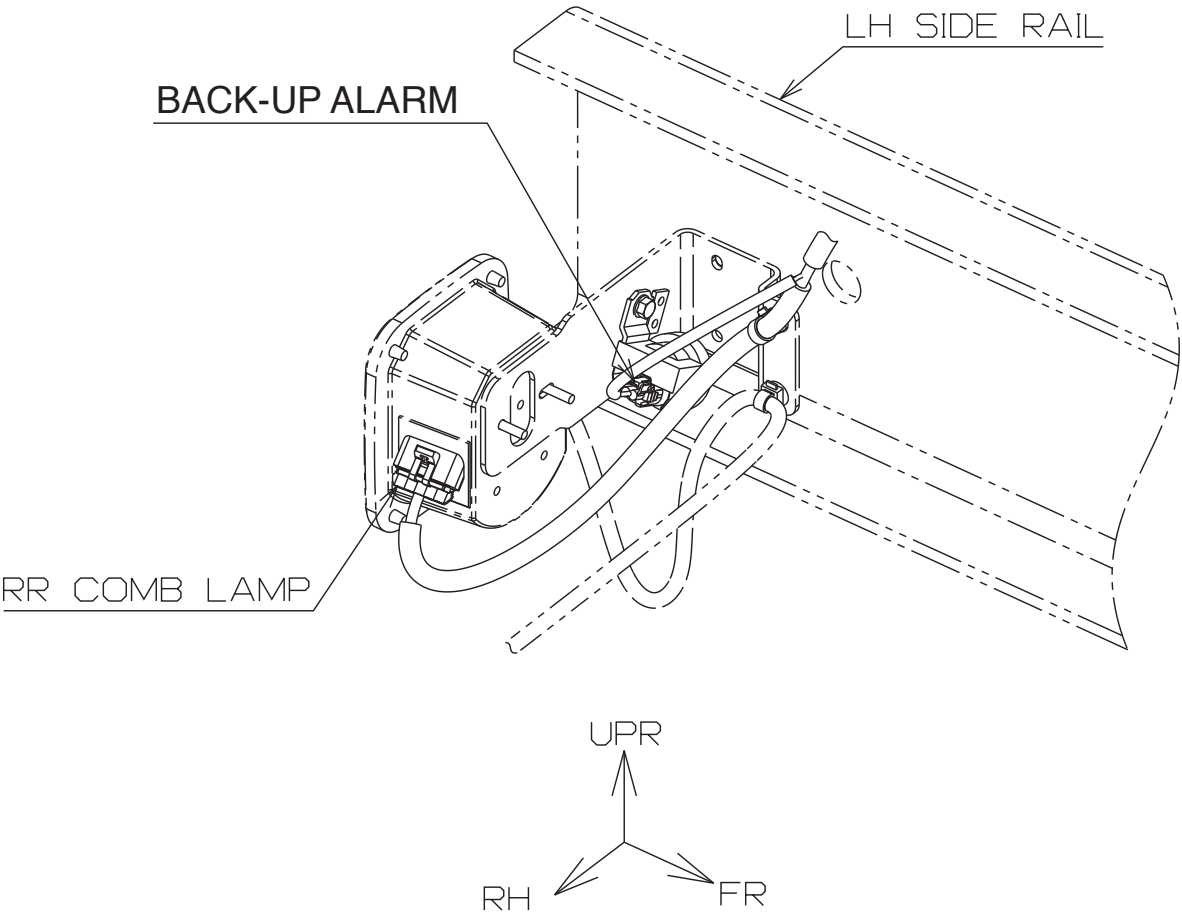
FULL AIR BRAKE

END FRAME

REAR COMB LAMP

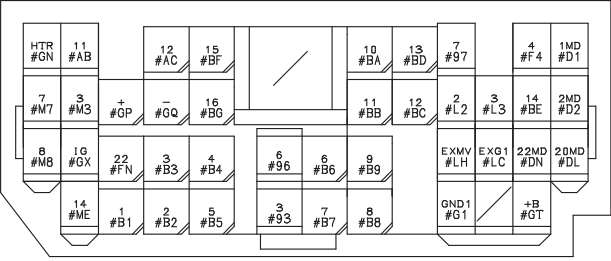
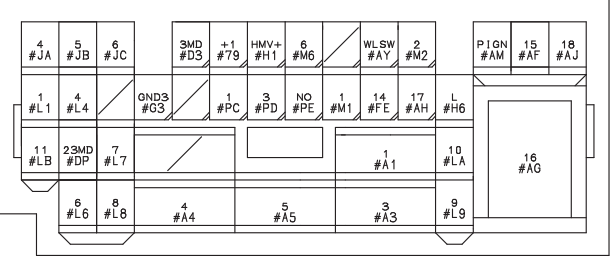
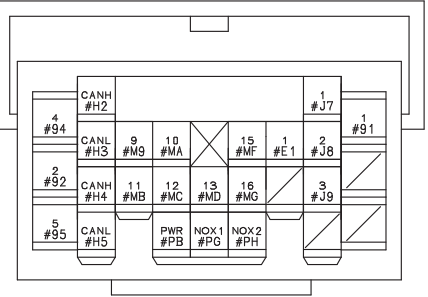


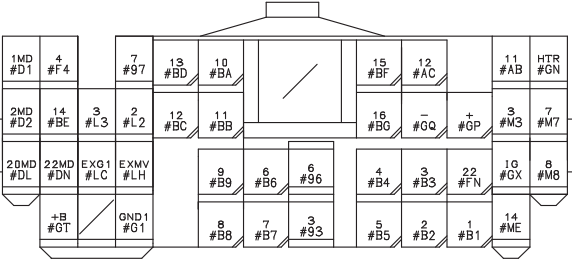
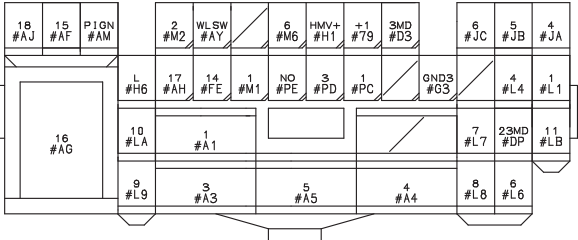
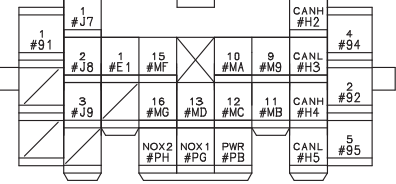
BACK-UP ALARM



CONNECTORS / CHASSIS SIDE

POSITION : W TO W BOX

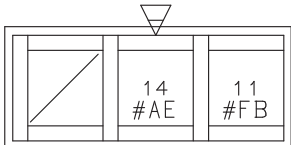
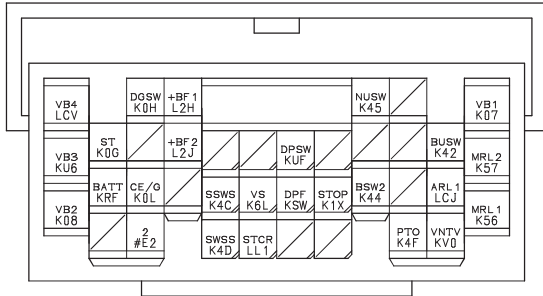
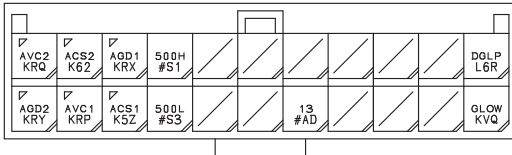
CAB MAIN HARNESS	1	NO.	PARTS NAME W TO W STD1	CONN. COLOR	APPLICATION	NO.	PARTS NAME W TO W STD2	CONN. COLOR	APPLICATION	NO.	PARTS NAME TO CHAS / OPT1 26P	CONN. COLOR	APPLICATION
					FOR ALL MODEL				FOR ALL MODEL				FOR ALL MODEL

ENGINE ROOM HARNESS	1	NO.	PARTS NAME W TO W STD1	CONN. COLOR	APPLICATION	NO.	PARTS NAME W TO W STD2	CONN. COLOR	APPLICATION	NO.	PARTS NAME TO CAB / OPT1 26P	CONN. COLOR	APPLICATION
					FOR ALL MODEL				FOR ALL MODEL				FOR ALL MODEL

CONNECTORS / CHASSIS SIDE

POSITION : W TO W BOX

CAB MAIN HARNESS

NO.	PARTS NAME TO CHAS / PWR 3P	CONN. COLOR B	APPLICATION	NO.	PARTS NAME TO ENG 38P	CONN. COLOR	APPLICATION	NO.	PARTS NAME TO ENG 22P	CONN. COLOR	APPLICATION
4			FOR ALL MODEL	5			FOR ALL MODEL	6			FOR ALL MODEL
	S8258 - 09180A				S8256 - 02150A				S8256 - 02460A		

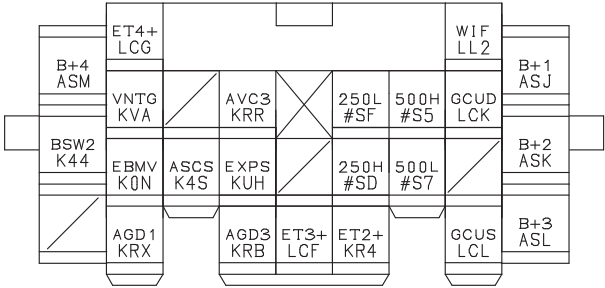
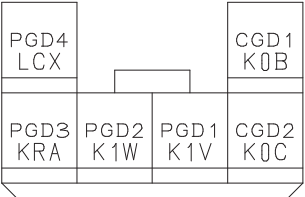
ENGINE ROOM HARNESS

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	
	TO CAB / PWR 3P	B										
4	<div><div><div>11 #FB</div><div>14 #AE</div><div></div></div><div>S8258 - 09190A</div></div>		FOR ALL MODEL	5	<div></div>				6	<div></div>		

CONNECTORS / CHASSIS SIDE

POSITION : W TO W BOX

CAB MAIN HARNESS	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	7				8				9			

ENGINE ROOM HARNESS	NO.	PARTS NAME TO ENG 26P	CONN. COLOR GR	APPLICATION	NO.	PARTS NAME TO ENG 6P	CONN. COLOR L	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	7			FOR ALL MODEL	8			FOR ALL MODEL	9			

CONNECTORS / CHASSIS SIDE

POSITION : W TO W BOX

CAB MAIN HARNESS

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	J / C SIGNAL				U2 J / C1				U2 J / C 2		
	FOR ALL MODEL				FOR ALL MODEL				FOR ALL MODEL		

10

FS
%B2

FS
%B3

FS
%B4

NTSW
%DX

NTSW
%DW

NTSW
%DY

NS1G
%G1

NS1G
%G2

FMET
%G5

FMET
%G6

FMET
%G7

FMET
%G8

FMET
%G9

FMET
%GA

S8256 - 02470A

11

U2M
%GB

U2M
%GC

U2M
%GD

U2M
%GE

U2M
%GF

MGE
%GG

MGE
%GH

MGE
%GJ

MGE
%GK

MGE
%GL

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MABS
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%GT

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%GU

TAIL
%GV

S8256 - 02430A

12

STA
%H1

STA
%H2

STA
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JC
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JC
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JC
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TRNR
%H7

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EDS2
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LSUS
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KSW5
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MPAK
%CK

PKSW
%CN

PKB
%CM

N/C+
%CL

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%L8

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+B
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%HJ

+B
%HA

+B
%HB

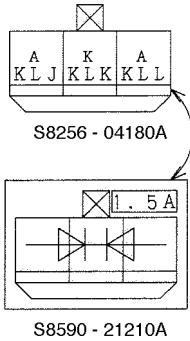
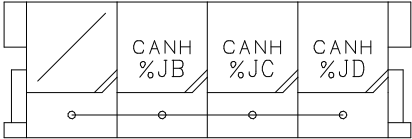
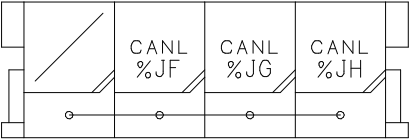
S8256 - 02430A

FOR ALL MODEL

ENGINE ROOM HARNESS	NO. PARTS NAME CONN. COLOR APPLICATION			NO. PARTS NAME CONN. COLOR APPLICATION			NO. PARTS NAME CONN. COLOR APPLICATION		

CONNECTORS / CHASSIS SIDE

POSITION : W TO W BOX

CAB MAIN HARNESS	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
		PKB OFF DIODE				CAN J / C 2 H				CAN J / C 2 L		
CAB MAIN HARNESS	13			FOR HYDRAULIC BRAKE	14			FOR ALL MODEL	15			FOR ALL MODEL
ENGINE ROOM HARNESS	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
ENGINE ROOM HARNESS												

CONNECTORS / CHASSIS SIDE

POSITION : W TO W (ENGINE ROOM HARNESS TO HEAD LAMP HARNESS)

ENGINE ROOM HARNESS

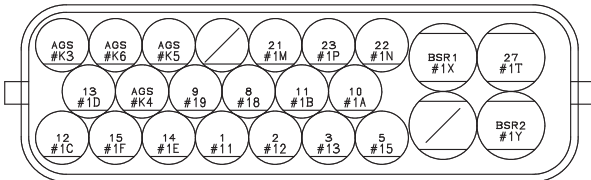
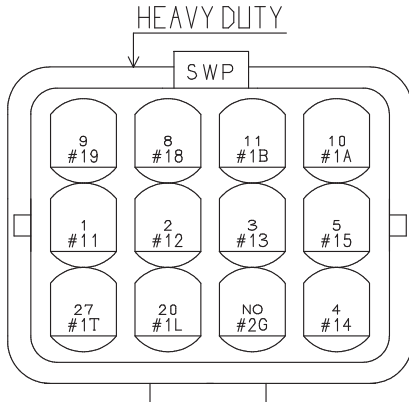
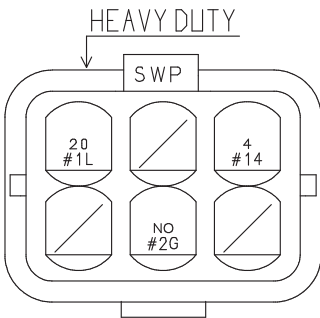
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	
	TO H / LP	B										
1	<div><div>HEAVY DUTY</div><div>SWP</div><div><div><div>2 #22</div><div>1 #21</div><div>4 #24</div><div>3 #23</div><div>6 #26</div><div>5 #25</div><div>8 #28</div><div>7 #27</div><div></div><div></div><div></div><div>9 #29</div></div></div><div>S8256 - 03470A</div></div> <td>FOR ALL MODEL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	FOR ALL MODEL										

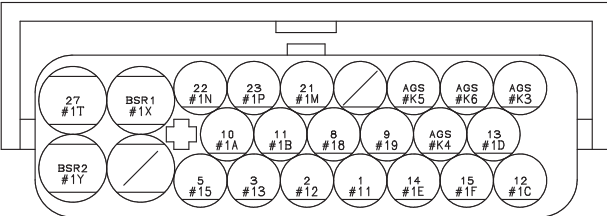
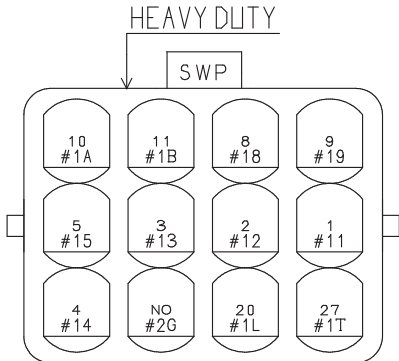
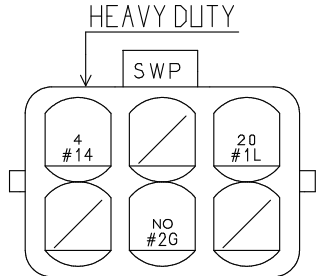
HEAD LAMP HARNESS

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	
	TO FR	B										
1	<div><div>HEAVY DUTY</div><div>SWP</div><div><div><div>3 #23</div><div>4 #24</div><div>1 #21</div><div>2 #22</div><div>7 #27</div><div>8 #28</div><div>5 #25</div><div>6 #26</div><div>9 #29</div><div></div><div></div><div></div><div></div></div></div><div>S8256 - 03480A</div></div>			FOR ALL MODEL								

CONNECTORS / CHASSIS SIDE

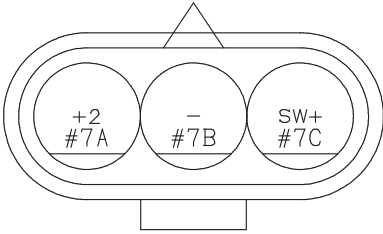
POSITION : W TO W (ENGINE ROOM HARNESS TO INTER HARNESS)

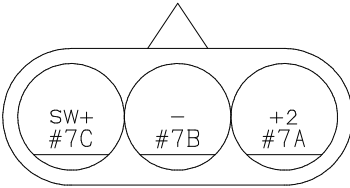
ENGINE ROOM HARNESS	1	NO.	PARTS NAME TO RR / H_1	CONN. COLOR B	APPLICATION	2	NO.	PARTS NAME TO RR / H	CONN. COLOR B	APPLICATION	3	NO.	PARTS NAME TO RR / H_2	CONN. COLOR B	APPLICATION	
																
		S8256 - 01320A					S8256 - 03470A					S8256 - 03410A				
		FOR FULL AIR BRAKE					FOR HYDRAULIC BRAKE					FOR FULL AIR BRAKE				

INTER HARNESS	1	NO.	PARTS NAME TO FR / H_1	CONN. COLOR B	APPLICATION	2	NO.	PARTS NAME TO FR / H	CONN. COLOR B	APPLICATION	3	NO.	PARTS NAME TO FR / H_2	CONN. COLOR B	APPLICATION	
																
		82824-E0K00					S8256 - 03480A					S8256 - 03420A				
		FOR FULL AIR BRAKE					FOR HYDRAULIC BRAKE					FOR FULL AIR BRAKE				

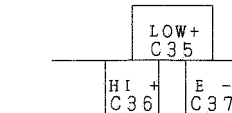
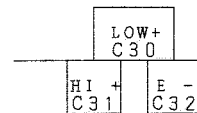
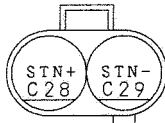
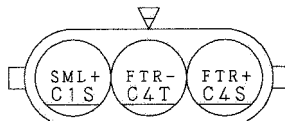
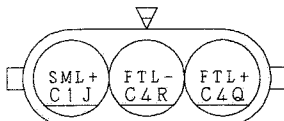
CONNECTORS / CHASSIS SIDE

POSITION : W TO W (ENGINE ROOM HARNESS TO DEFF LOCK SUB HARNESS)

ENGINE ROOM HARNESS	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
		TO DEF / LCK SUB	B									
	1			FOR DEFF LOCK								
		S8258 - 07130B										

DEFF LOCK SUB HARNESS	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
		TO FR	B									
	1			FOR DEFF LOCK								
		S8258 - 07140B										

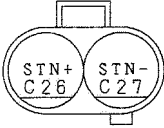
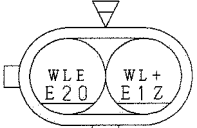
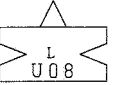
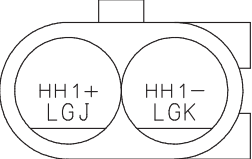
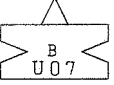
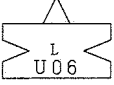
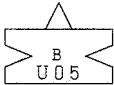
CONNECTORS / CHASSIS SIDE

POSITION : HEAD LAMP (RH)				POSITION : HEAD LAMP (LH)				POSITION : FENDER (RH)			
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	HEAD LAMP RH	B	FOR ALL MODEL		HEAD LAMP LH	B	FOR ALL MODEL		SIDE TURN LAMP RH	GR	FOR ALL MODEL
1	 S8258 - 02160A			1	 S8258 - 02160A			1	 S8258 - 06770B		
	F / TURN LP RH	B			F / TURN LP LH	B					
2	 S8256 - 01730A		FOR ALL MODEL	2	 S8256 - 01730A		FOR ALL MODEL				

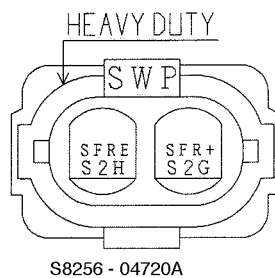
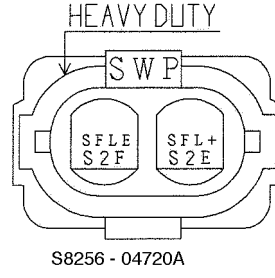
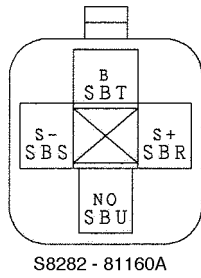
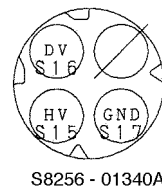
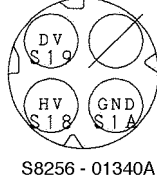
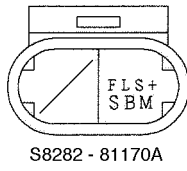
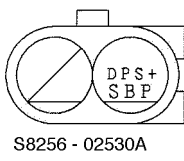
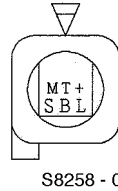
CONNECTORS / CHASSIS SIDE

POSITION : FENDER (LH)

POSITION : RADIATOR

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	SIDE TURN LAMP LH	GR			COOLANT LVL SW	GR			HORN-LO (-)	B	
1	 S8258 - 06770B		FOR ALL MODEL	1	 S8258 - 07180B		FOR ALL MODEL	3	 S8258 - 07590A		FOR ALL MODEL
					AMB TEMP SSR	B			HORN-LO (+)	B	
				2	 S8256 - 02530A		FOR ALL MODEL	4	 S8258 - 07590A		FOR ALL MODEL
									HORN-HI (-)	B	
								5	 S8258 - 07590A		FOR ALL MODEL
									HORN-HI (+)	B	
								6	 S8258 - 07590A		FOR ALL MODEL

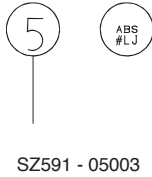
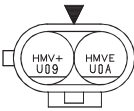
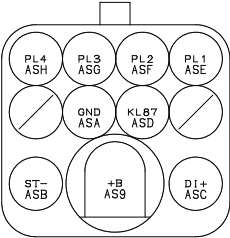
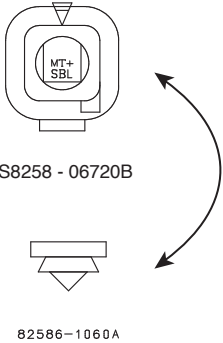
CONNECTORS / CHASSIS SIDE

POSITION : ABS SENSOR (Fr, RH)				POSITION : ABS SENSOR (Fr, LH)				POSITION : DASH PANEL (HYDRAULIC BRAKE UNIT)			
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
1	ABS SENSOR FR RH	B	FOR ALL MODEL	1	ABS SENSOR FR LH	B	FOR ALL MODEL	1	MOTOR RLY	B	FOR HYDRAULIC BRAKE
											
2	MODULATOR FR RH	B	FOR FULL AIR BRAKE	2	MODULATOR FR LH	B	FOR FULL AIR BRAKE	2	FLOW SW	GR	FOR HYDRAULIC BRAKE
											
									DIFFERENT SW	B	FOR HYDRAULIC BRAKE
								3			
									MOTOR PUMP	B	FOR HYDRAULIC BRAKE
								4			

CONNECTORS / CHASSIS SIDE

POSITION : AIR HORN

POSITION : FL BLOCK SIDE

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	MOTOR PUMP				AIR HORN M / V	B			GCU	B	
5			FOR HYDRAULIC BRAKE	1			FOR ALL MODEL	1			FOR ALL MODEL
	TO FR / H	B									
6			FOR HYDRAULIC BRAKE								

CONNECTORS / CHASSIS SIDE

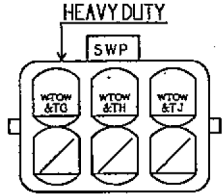
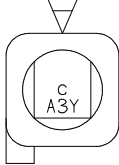
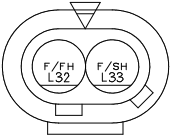
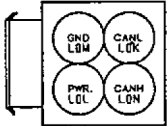
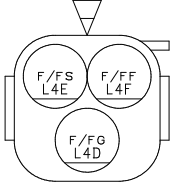
POSITION : ENGINE

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
1	26 TO MUF 24P	B	FOR ALL MODEL	5	TEMP SSR FR SCR	B	FOR ALL MODEL	9	NOX SENSOR_2	B	FOR ALL MODEL

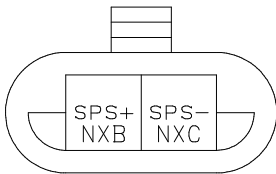
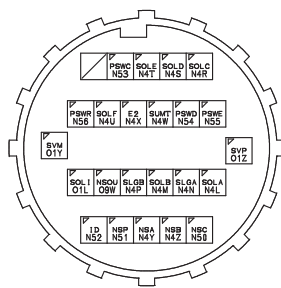
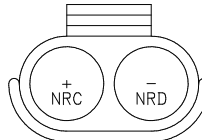
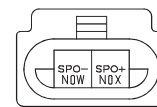
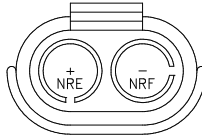
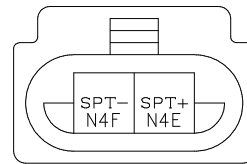
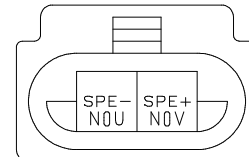
CONNECTORS / CHASSIS SIDE

POSITION : ENGINE (STARTER)

POSITION : ENGINE (LH SIDE)

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	W TO W_B	B			TO ST / H	B			F / F HEATER SENSOR	DG	
13	 S82560-3420A		FOR ALL MODEL	1	 S8258 - 06730B		FOR ALL MODEL	1	 S8256 - 03830A		FOR ALL MODEL
	PM SENSOR	B							WATER LEVEL SENSOR	DG	
14	 S8261-E0F40		FOR ALL MODEL					2	 S8258 - 09970A		FOR ALL MODEL

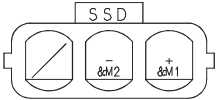
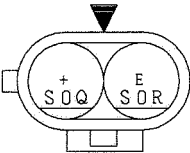
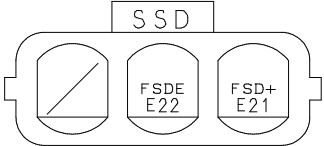
CONNECTORS / CHASSIS SIDE

POSITION : T / M (MTM)				POSITION : T / M (ATM)				
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	
	SPEED SENSOR	B	FOR MTM		MAIN TRANS_1	B	FOR ALLISON 2200 / 2500	
1	<div></div> <div>S8256 - 01990A</div>			1	<div></div> <div>S8282 - 81590A</div>			5
	BACK LP SW	B	FOR MTM		OP SPEED SENSOR_1	B	FOR ALLISON 2200 / 2500	
2	<div></div> <div>S8282 - 81210A</div>			2	<div></div> <div>S8282 - 81610A</div>			6
	NEUTRAL SW	GR	FOR MTM		TB SPEED SENSOR	B	FOR ALLISON 2200 / 2500	
3	<div></div> <div>S8282 - 81200A</div>			3	<div></div> <div>S8282 - 81610A</div>			7
					EG SPEED SENSOR_1	B	FOR ALLISON 2200 / 2500	
				4	<div></div> <div>S8282 - 81610A</div>			

CONNECTORS / CHASSIS SIDE

POSITION : FUEL TANK

POSITION : EXHAUST BRAKE Mg / V

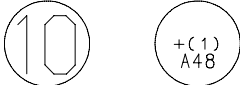
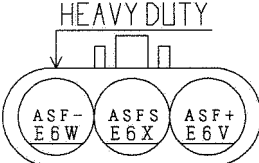
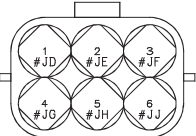

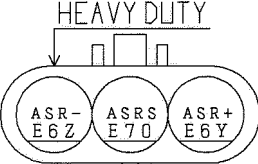
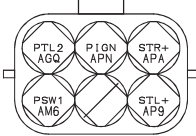

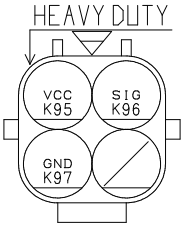
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	FUEL SENDER RH	DG			EXH / B M / V	B					
1	<div></div> <div>S8256 - 04350A</div>		FOR ALL MODEL	1	<div></div> <div>S8258 - 09250A</div>		FOR ALL MODEL				
	FUEL SENDER LH	DG									
2	<div></div> <div>S8256 - 04350A</div>		FOR ALL MODEL								

CONNECTORS / CHASSIS SIDE

POSITION : BATTERY

POSITION : AIR TANK

POSITION : POWER SUPPLY

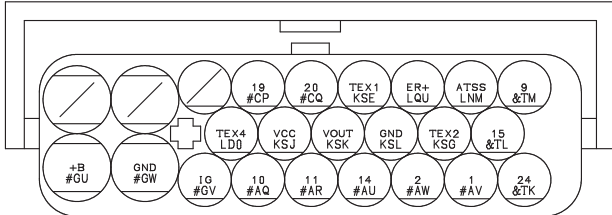
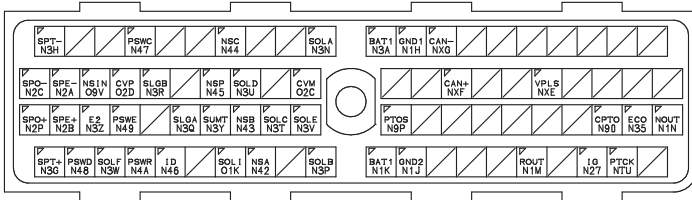
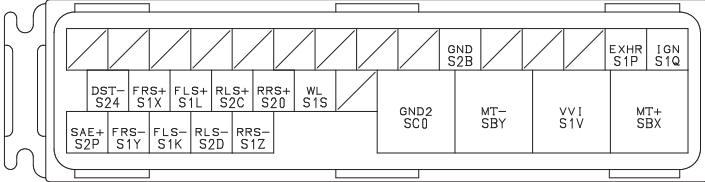
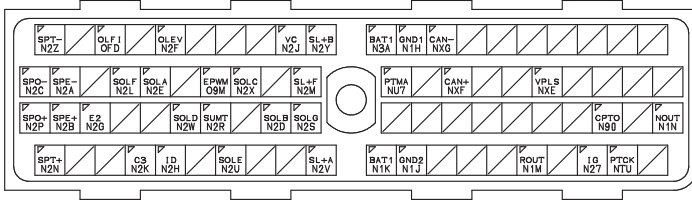
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	BATTERY				AIR GAGE SNSR FR	B			OPT CONN CHA	B	
1	 99142-15100		FOR ALL MODEL	1	 S8256 - 03190A		FOR FULL AIR BRAKE	1	 S8281-E0D80		FOR ALL MODEL
2	W / S &1D  SPLCE-W0001		FOR ALL MODEL	2	 S8256 - 03190A		FOR FULL AIR BRAKE	2	 S8281-E0D80		FOR ALL MODEL
3	BATTERY 2  99142-14100		FOR ALL MODEL					3	 S8256 - 01260A	B	FOR ALL MODEL

CONNECTORS / CHASSIS SIDE

POSITION : MUFFLER

POSITION : ATM-ECU

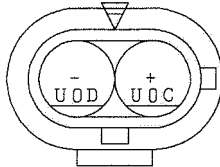
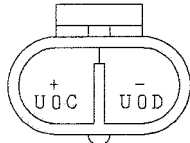
POSITION : ABS MODULATOR

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	TO MUF 24P				ALLISON ECU	B			ABS H / U WITH ECU		
1	<div><p>82824-E0K00</p></div>		FOR ALL MODEL	1	<div><p>S8282 - 81570A</p></div>		FOR ALLISON 2200 / 2500	1	<div><p>S8282 - 81560A</p></div>		FOR HYDRAULIC BRAKE
					ALLISON ECU	B					
				2	<div><p>S8282 - 81570A</p></div>		FOR ALLISON 3000 / 3500				
									4		

CONNECTORS / CHASSIS SIDE

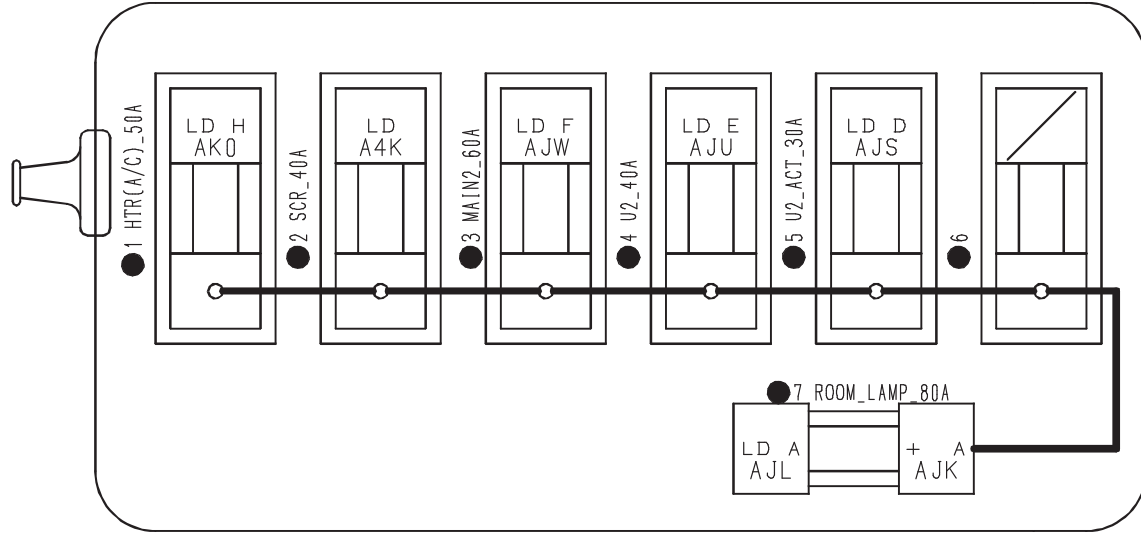
POSITION : AIR DRIER

POSITION : FL-BLOCK

PARTS NAME			CONN. COLOR			APPLICATION		
AIR DRIER			B			FOR HYDRAULIC BRAKE		
								
AIR DRIER			B			FOR FULL AIR BRAKE		
								

PARTS NAME			CONN. COLOR			APPLICATION		
R / B No.2			B			FOR HYDRAULIC BRAKE (Vr. E)		

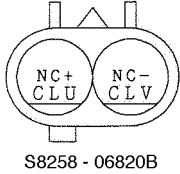
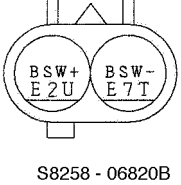
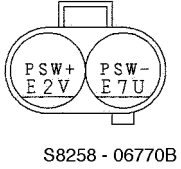
POSITION : FL-BLOCK

PARTS NAME			CONN. COLOR			APPLICATION		
FL BLOCK A			B					
1						FOR ALL MODEL		
82620-E0120								

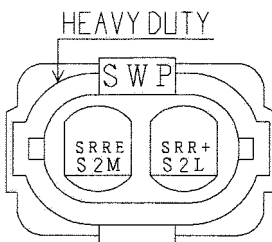
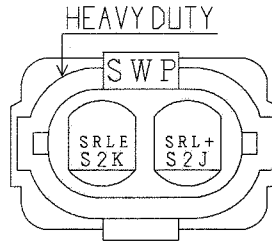
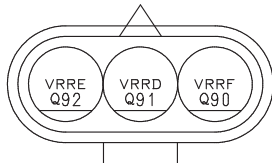
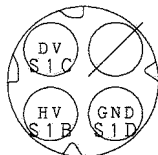
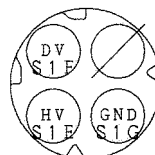
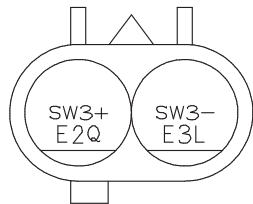
CONNECTORS / CHASSIS SIDE

POSITION : BRAKE VALVE (Fr)

POSITION : BRAKE VALVE (Rr)

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	BRAKE SW (NC)	B			BZR OFF SW	B					
1			FOR FULL AIR BRAKE	1			FOR FULL AIR BRAKE				
					SPG BRK SW	DG					
				2			FOR FULL AIR BRAKE				

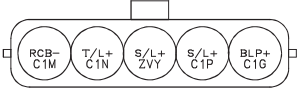
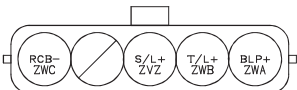
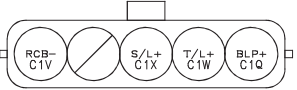
CONNECTORS / CHASSIS SIDE

POSITION : ABS SENSOR (Rr, RH)				POSITION : ABS SENSOR (Rr, LH)				POSITION : AIR SUS DUMP Mg / V			
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	ABS SENSOR RR RH	B	FOR ALL MODEL		ABS SENSOR RR LH	B	FOR ALL MODEL		AIR SUS DUMP M / V	B	FOR REAR AIR SUSPENSION
1	<div> S8256 - 04720A</div>			1	<div> S8256 - 04720A</div>			1	<div> S8258 - 07130B</div>		
	MODULATOR RR RH	B	FOR FULL AIR BRAKE		MODULATOR RR LH	B	FOR FULL AIR BRAKE		LOW PRES SW	B	FOR REAR AIR SUSPENSION
2	<div> S8256 - 01340A</div>			2	<div> S8256 - 01340A</div>			2	<div> S8258 - 06820B</div>		

CONNECTORS / CHASSIS SIDE

POSITION : Rr COMB LAMP (LH)

POSITION : REAR HARNESS

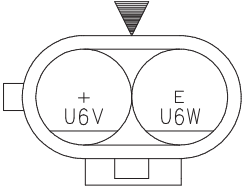
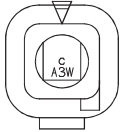
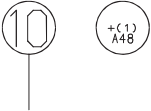
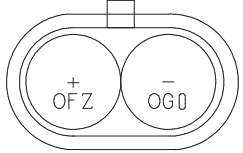
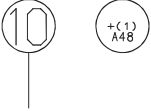
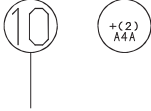
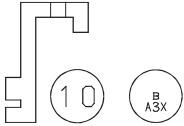
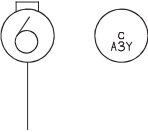
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	RR COMB LH IN	GR			RR COMB LH OUT	B					
1	<div></div> <div>S8281-E0D60</div>		FOR ALL MODEL	1	<div></div> <div>S8281-E0D70</div>		FOR ALL MODEL				
					RR COMB RH	B					
				2	<div></div> <div>S8281-E0D70</div>		FOR ALL MODEL				

CONNECTORS / CHASSIS SIDE

POSITION : DEFF

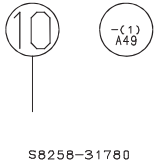
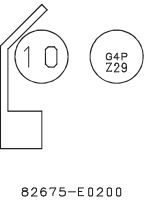
POSITION : STARTER CABLE

POSITION : B TO B CABLE

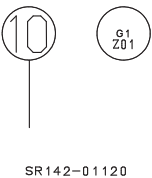
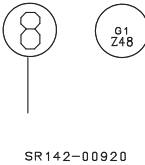
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	MN / D M / V	B			TO FR	B			BATTERY 1		
1	 S8258 - 09250A		FOR DEFF LOCK	1	 S8258 - 06720B		FOR ALL MODEL	1	 S8258-31780		FOR ALL MODEL
2	 S8281-E0A40	B	FOR DEFF LOCK	2	 S8258-31780		FOR ALL MODEL	2	 S8258-31780		FOR ALL MODEL
					STARTER B						
				3	 28181-E0110		FOR ALL MODEL				
					STARTER C						
				4	 S8258 - 31680A		FOR ALL MODEL				

CONNECTORS / CHASSIS SIDE

POSITION : BATTERY GROUND

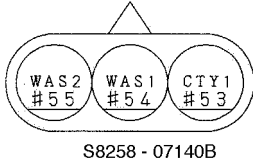
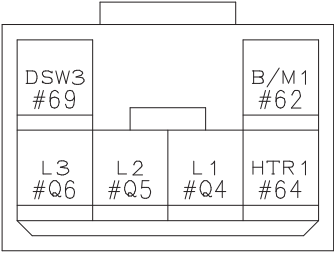
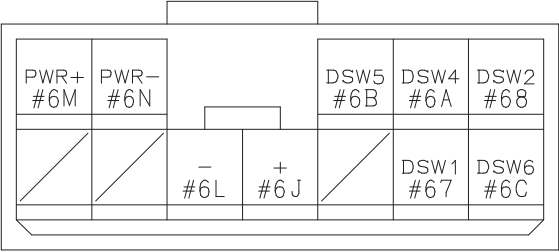
NO.	PARTS NAME	CONN. COLOR	APPLICATION
	BATTERY 1		FOR ALL MODEL
1	<div></div>		
	BATTERY GND		FOR ALL MODEL
2	<div></div>		

POSITION : CAB CHASSIS GROUND

NO.	PARTS NAME	CONN. COLOR	APPLICATION
	CAB GRAND (G3)		FOR ALL MODEL
1	<div></div>		
	CHASS GRAND (G3)		FOR ALL MODEL
2	<div></div>		

CONNECTORS / CAB SIDE
WIRE to WIRE

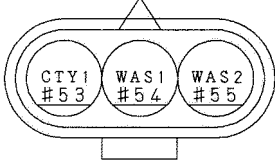
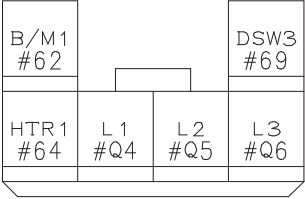
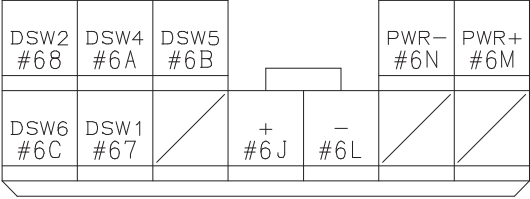
CAB MAIN HARNESS

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	TO FLOOR 3P	GR			TO DOOR LH 1				TO DOOR LH 2		
1			FOR ALL MODEL	2			FOR ALL MODEL	3			FOR ALL MODEL

FLOOR HARNESS

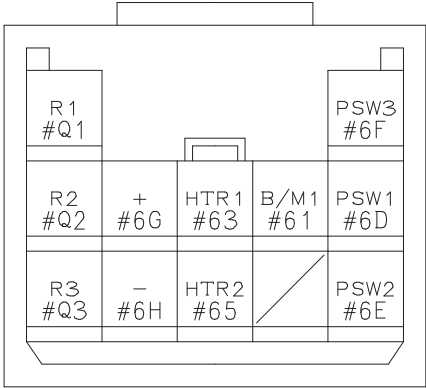
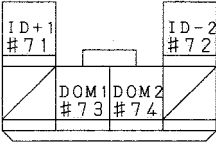
DOOR HARNESS (LH)

DOOR HARNESS (LH)

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	TO CAB MAIN	GR			TO CAB MAIN 1				TO CAB MAIN 2		
1			FOR ALL MODEL	1			FOR ALL MODEL	1			FOR ALL MODEL (DOOR LH)

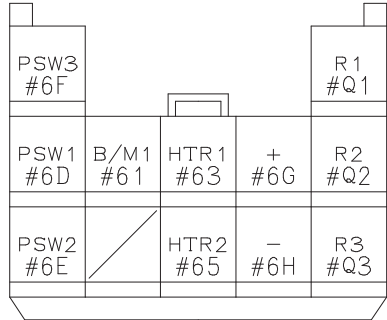
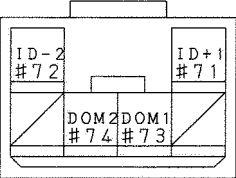
CONNECTORS / CAB SIDE
WIRE to WIRE

CAB MAIN HARNESS

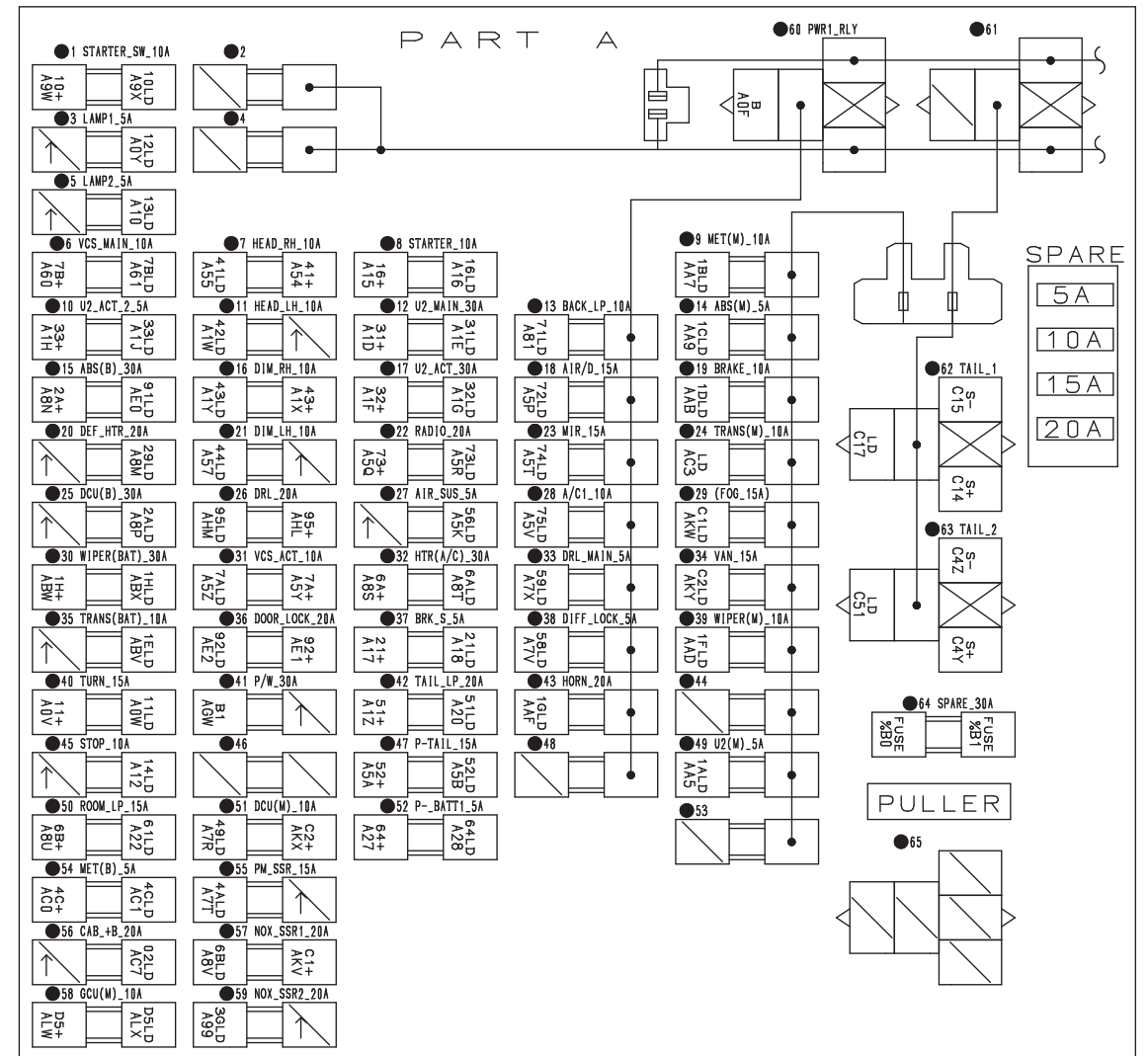
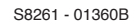
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	TO DOOR RH 1	O			TO ROOF						
4			FOR ALL MODEL	5			FOR ALL MODEL				
	S8256 - 02610A				82824-E0U10						

DOOR HARNESS (RH)

ROOF HARNESS

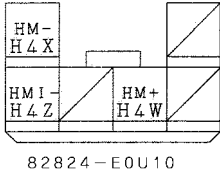
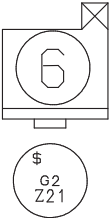
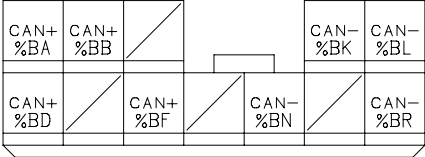
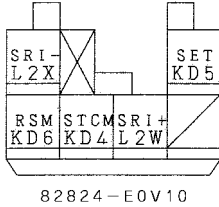
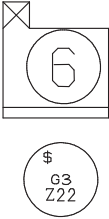
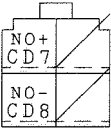
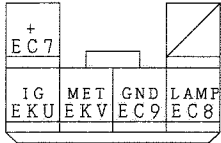
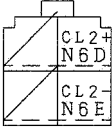
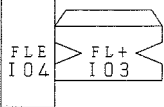
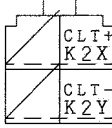
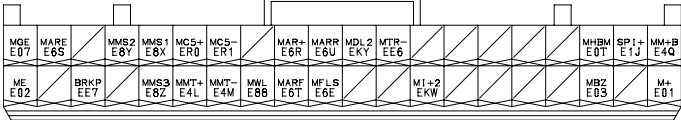
NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	TO CAB MAIN	O			TO CAB MAIN						
1			FOR ALL MODEL (DOOR RH)	1			FOR ALL MODEL				
	S8256 - 02620A				S8258 - 06050A						

RELAY AND FUSE BLOCK



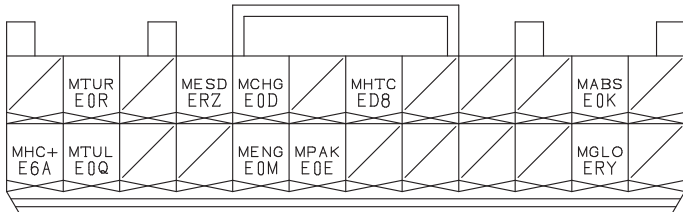
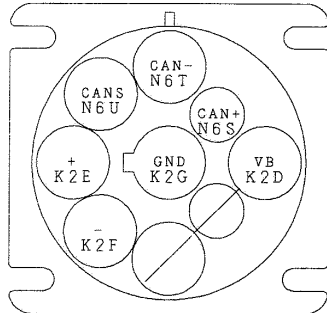
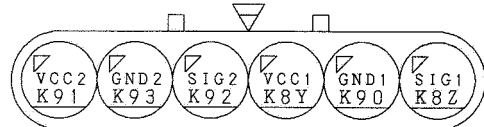
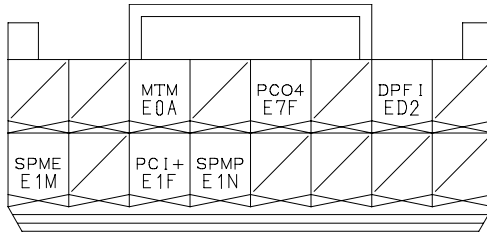
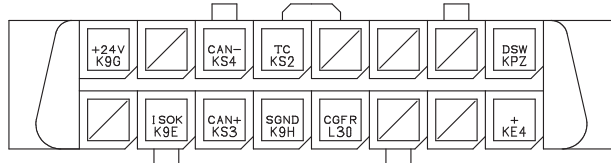
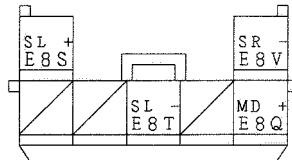
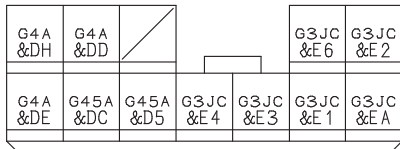
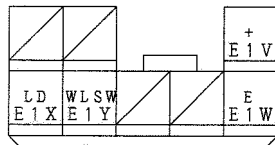
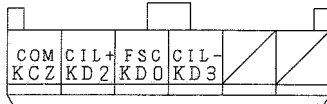
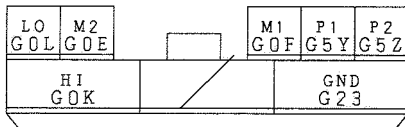
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	MIRROR HEATER SW				GRAND DR1				CAN J / C		
1			FOR ALL MODEL	4			FOR ALL MODEL	8			FOR ALL MODEL
	SET RESUME SW	BR			GRAND DR2				STOP LP SW	B	
2			FOR ALL MODEL	5			FOR ALL MODEL	9			FUR FULL AIR BRAKE
	RHEOSTAT	GR			CLT INT / L SW	DG			FR SPEAKER LH	B	
3			FOR ALL MODEL	6			FOR MTM (CLUTCH INTER LOCK)	10			FOR ALL MODEL
					EXH CLT SW				COMB METER 40P	B	
				7			FOR MTM	11			FOR ALL MODEL

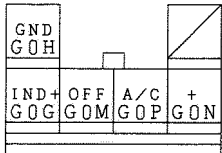
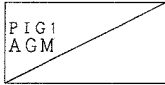
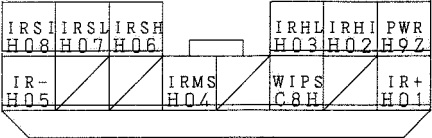
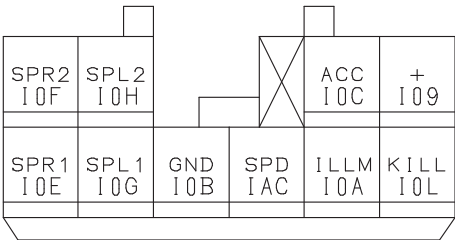
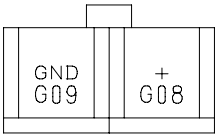
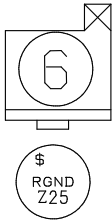

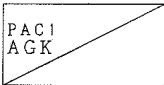
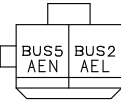
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	COMB METER 24P	B	FOR ALL MODEL		DIAG	B	FOR ALL MODEL		ACCEL SSR	B	FOR ALL MODEL
12	 82824-E0P40		FOR ALL MODEL	16	 S8256 - 01920A		FOR ALL MODEL	19	 S8256 - 03300A		FOR ALL MODEL
13	 82824-E0P50			FOR ALL MODEL	17	 S8256 - 03130A			FOR ALL MODEL	20	
14	 S8256 - 01100A		FOR ALL MODEL		18	 82824-E0U90		FOR ALL MODEL		21	 82824-EDU80
15	 S8256 - 04080A			FOR ALL MODEL					FOR ALL MODEL	22	 S8256 - 04480A

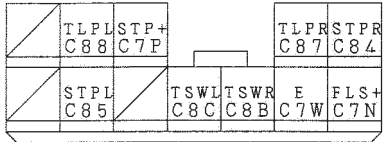
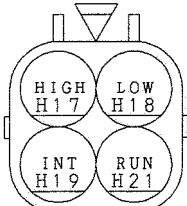
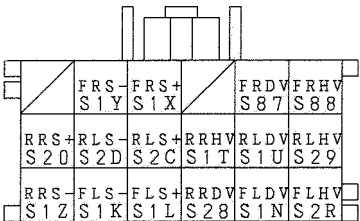
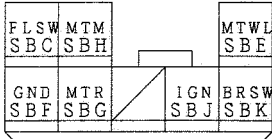
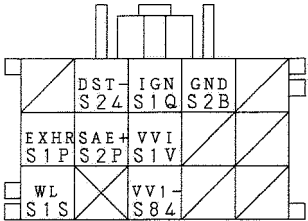
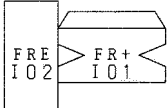
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	A / C SW		FOR ALL MODEL		POWER IGN		FOR ALL MODEL		WIPER RLY	B	FOR ALL MODEL
23	 S8256 - 02400A			27	 SZ591 - 04002			31	 S8258 - 05820A		
	AUDIO		FOR ALL MODEL		BLOWER MOTOR	B	FOR ALL MODEL				
24	 82824-E0V20			28	 82824-E0T40						
	GRAND AUDIO		FOR ALL MODEL		R&F / B 312		FOR ALL MODEL				
25	 S8258 - 31670A			29	 S8258 - 08460A						
	POWER BATTERY		FOR ALL MODEL		R&F / B 090		FOR ALL MODEL				
26	 SZ591 - 04002			30	 82824-E0U40						

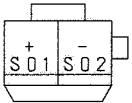
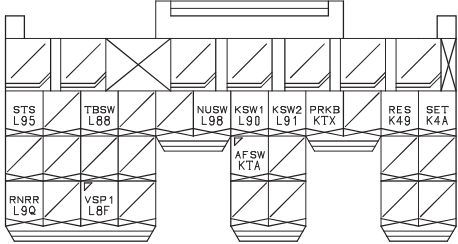
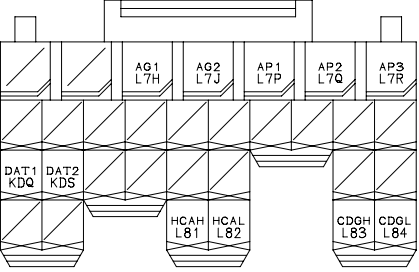
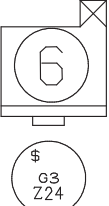
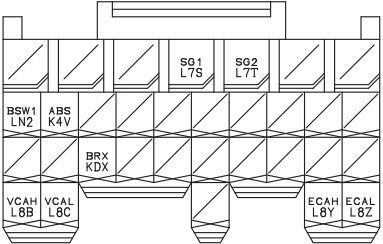
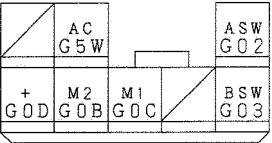
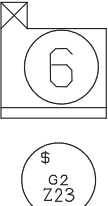
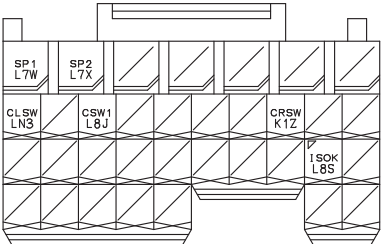
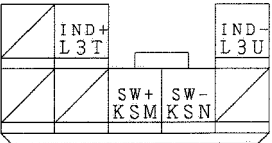
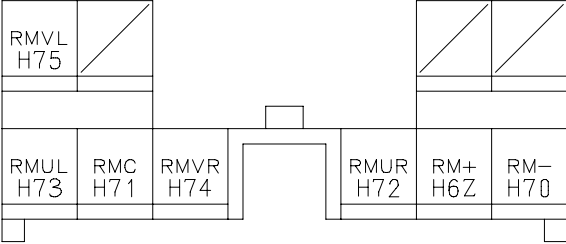
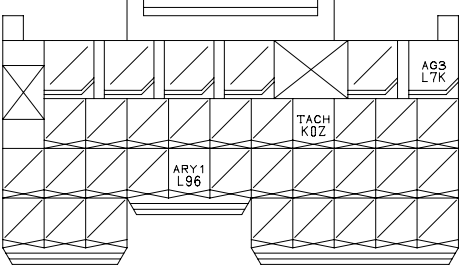
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	STOP&TURN CONTROLLER	B			WIPER MOTOR				ABS ECU F	GR	
32	 82824 - E0U90		FOR ALL MODEL	35	 S8258 - 08350B		FOR ALL MODEL	36	 S8258 - 09480A		FOR ALL MODEL
	MONITOR MODULE	GR							ABS ECU E	B	
33	 82824 - E0U80		FOR HYDRAULIC BRAKE					37	 S8258 - 09490A		FOR FULL AIR BRAKE
	FR SPEAKER RH	B									
34	 S8258 - 08610A		FOR ALL MODEL								

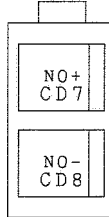
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	ABS DIAG SW	B			VCS ECU 35P A				VCS ECU 31P		
38	 S8256 - 04100A		FOR FULL AIR BRAKE	42	 82824-E0090		FOR ALL MODEL	46	 82824-E0060		FOR ALL MODEL
	GRAND AS1				VCS ECU 32P	B			HEATER&COOLER UNIT	B	
39	 S8258 - 31670A		FOR ALL MODEL	43	 82824-E0070		FOR ALL MODEL	47	 82824-E0U80		FOR ALL MODEL
	GLAND AS2				VCS ECU 34P	B			DPR REFRESH SW	B	
40	 S8258 - 31640A		FOR ALL MODEL	44	 82824-E0080		FOR ALL MODEL	48	 82824-E0U80		FOR ALL MODEL
	RIM MIRROR SW				VCS ECU 35P B	B					
41	 82824-E0T70		FOR ALL MODEL	45	 82824-E0100		FOR ALL MODEL				

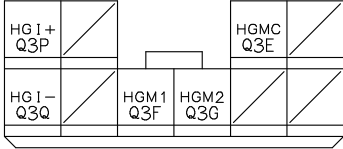

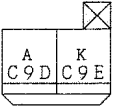
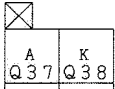
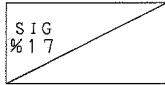
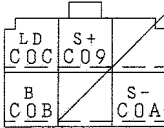
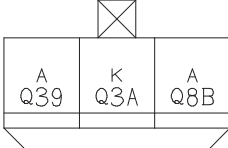
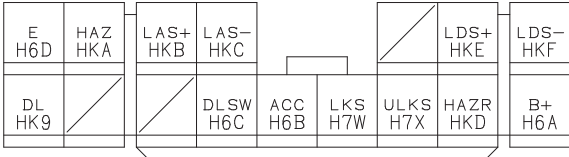

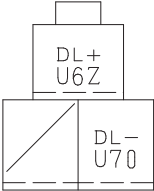
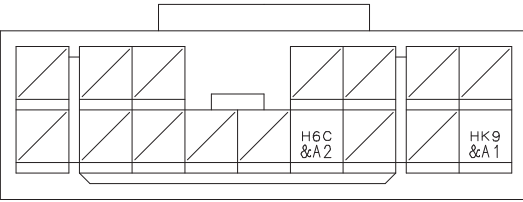
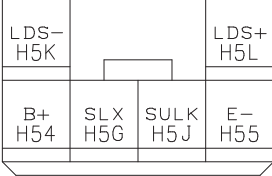
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

PARTS NAME			CONN. COLOR			APPLICATION			
NO.	STOP LP SW (HYD)			B			FOR HYDRAULIC BRAKE		
49	 S8282 - 81310A								
				</					

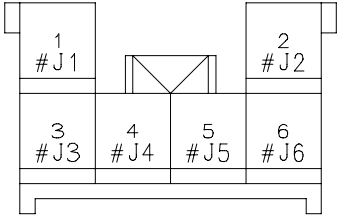
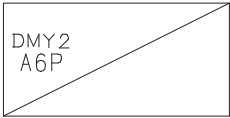


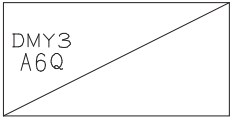

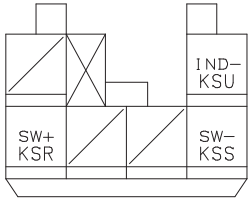


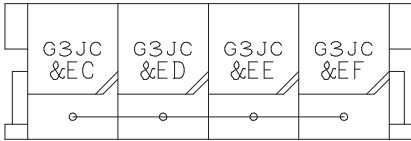
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	AIR SUS DUMP SW		FOR REAR AIR SUSPEN- SION		SUB STARTER		FOR ALL MODEL		STP ATM DIODE	B	FOR ATM ALLISON 2200 / 2500 3000 / 3500
56	 S8258 - 07210A			60	 SZ591 - 04002			64	 S8256 - 03800A		
	AIR SUS DUMP DIO1	GR	FOR REAR AIR SUSPEN- SION		NEUT SIG		FOR ALL MODEL		STOP LAMP RLY		FOR ALL MODEL
57	 S8258 - 04860A			61	 SZ591 - 04002			65	 S8256 - 03050A		
	AIR SUS DUMP DIO2	B	FOR REAR AIR SUSPEN- SION WITH HIGHT CONTROL		KEYLESS ENTRY		FOR ALL MODEL		PTO SW1		FOR ALL MODEL
58	 S8256 - 04180A			62	 S8258 - 05970A			66	 SZ591 - 04002		
	DIFF LOCK SW	B	FOR DEFF LOCK		KEYLESS SHORT		FOR ALL MODEL		D/L CONTROLLER	B	FOR ALL MODEL
59	 S8256 - 03010A			63	 82824-E0T80			67	 82824-E0U10		

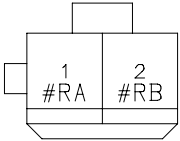
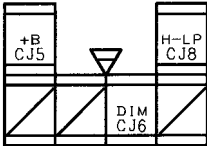
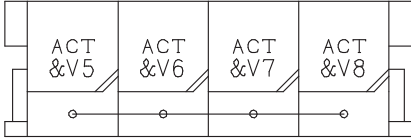
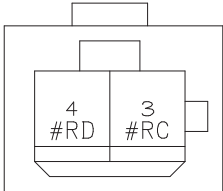
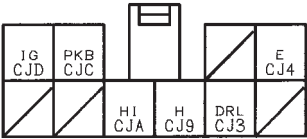
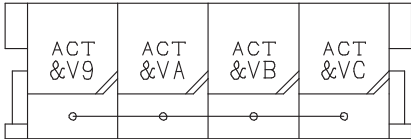
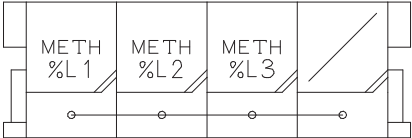
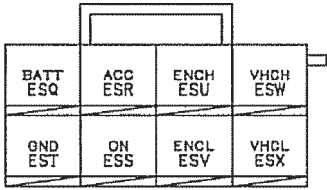
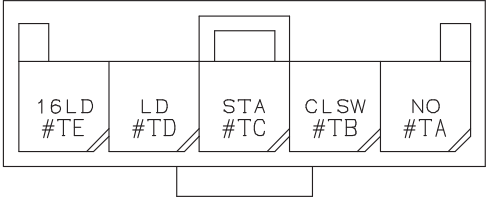
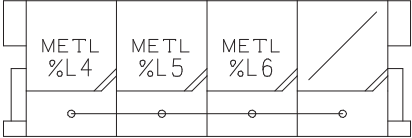
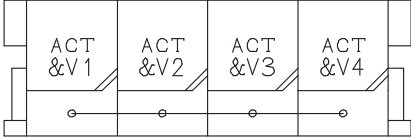
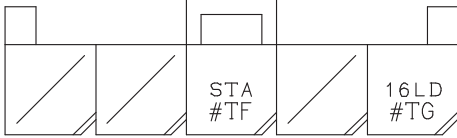
CONNECTORS / CAB SIDE

INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	OPT CONN CAB				PTO SW2				W / S EARTH 2		
68			FOR ALL MODEL	70			FOR ALL MODEL	74			FOR ALL MODEL
	82824-E0K90				SZ591 - 04002				SPLCE-00001		
	IDLE UP SIG	B			PTO CUT RLY				W / S EARTH 3		
69			FOR ALL MODEL	71			FOR ALL MODEL	75			FOR ALL MODEL
	SZ591 - 04002				SZ591 - 04002				SPLCE-00001		
					ECO RUN SW	BR			W / S EARTH 4		
				72			FOR ALL MODEL	76			FOR ALL MODEL
					82824-E0V10				SPLCE-00001		
					W / S EARTH 1				J / C EARTH 4P		
				73			FOR ALL MODEL	77			FOR ALL MODEL
					SPLCE-00001				S8255 - 01360A		

CONNECTORS / CAB SIDE

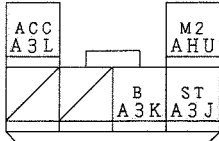
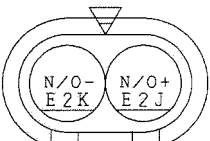
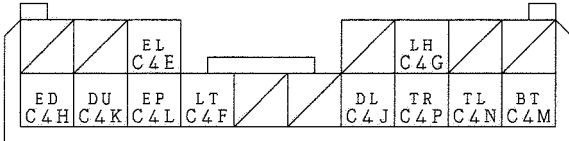
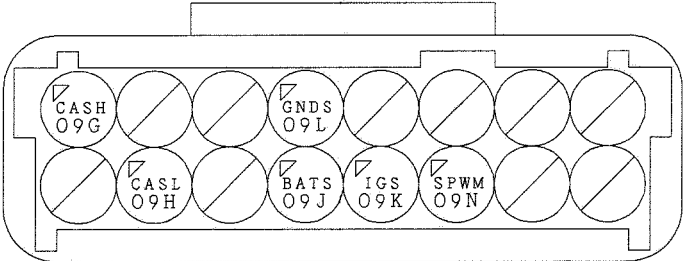
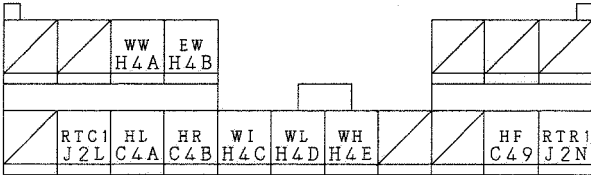
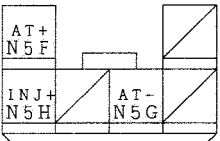
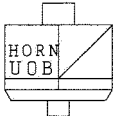
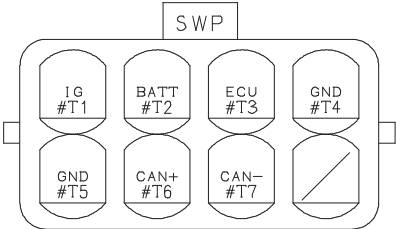
INSTRUMENT PANEL

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	TO EARTH 1				DRL ECU (1)	B			ACT J/C2		
78	 82824-E0U40		FOR ALL MODEL	82	 S8258 - 07380A		FOR ALL MODEL	86	 S8255 - 01360		FOR ALL MODEL
	TO EARTH 2				DRL ECU (2)	B			ACT J/C3		
79	 S8258 - 07320A		FOR ALL MODEL	83	 82824-E0Y50		FOR ALL MODEL	87	 S8255 - 01360		FOR ALL MODEL
	CAN J / C 3 H				TELEMATICS UNIT	L			TO 82223		
80	 S8255 - 01360A		FOR ALL MODEL	84	 S8281-E0D10		FOR ALL MODEL	88	 S8256 - 02540		FOR ALL MODEL
	CAN J / C 3 L				ACT J/C1				TO 82236		
81	 S8255 - 01360A		FOR ALL MODEL	85	 S8255 - 01360		FOR ALL MODEL	89	 S8256 - 02550		FOR ALL MODEL

CONNECTORS / CAB SIDE



STEERING COLUMN

FLOOR CONSOLE

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	STARTER SW	B			PKB SW	B					
1	 52824-E0U10		FOR ALL MODEL	1	 S8256-02940A		FOR HYDRAULIC BRAKE				
	LIGHT&TURN SW	B			SELECTOR	GR					
2	 S8258-09310A		FOR ALL MODEL	2	 S8282-81600A		FOR ALLISON 3000 / 3500				
	WIPER&RETARDER SW				ATM MODE SW						
3	 S8258-09320A		FOR ALL MODEL	3	 82824-E0U10		FOR ALLISON 2200 / 2500				
	HORN SW				TO 82236	GR					
4	 82824-E0U50		FOR ALL MODEL	4	 S8256-03460		FOR ALL MODEL				

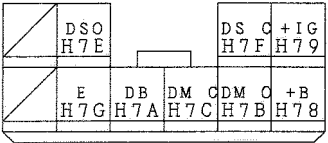
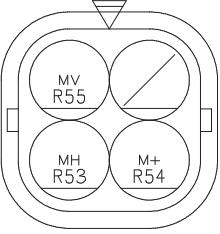
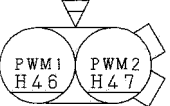
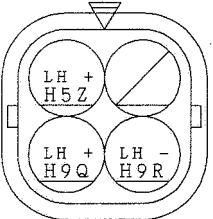
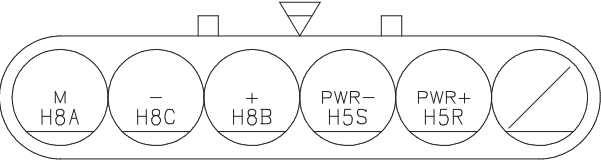
CONNECTORS / CAB SIDE

FLOOR

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	CTY SW FR L		FOR ALL MODEL								
1	<div> S8258 - 06170A</div>										
	CTY SW FR R										
2	<div> S8258 - 06170A</div>		FOR ALL MODEL								
3	<div> S8256 - 02990A</div>		FOR ALL MODEL								

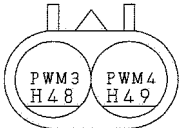
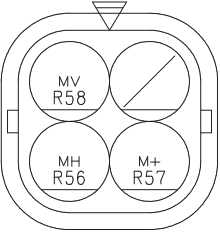

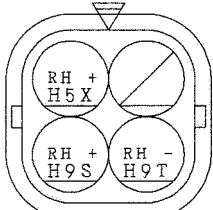
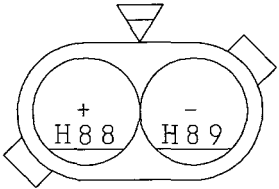
CONNECTORS / CAB SIDE

DOOR (LH)

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	D-MASTER SW				R / C MIRROR LH	B					
1	 S8258 - 07210A		WITH P / W	5	 S8258 - 09460A		FOR ALL MODEL				
	P / W MTR (DR)	GR									
2	 S8258 - 09420A		FOR ALL MODEL								
	HEAT&LIGHT MIR LH										
3	 S8258 - 09460A		FOR ALL MODEL								
	DOOR LOCK (DR) SW	B									
4	 S8256 - 03300A		FOR ALL MODEL								


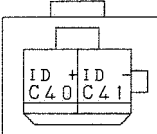
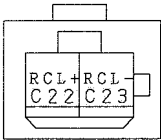
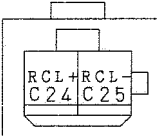
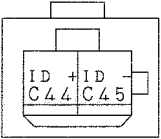

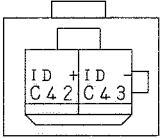
CONNECTORS / CAB SIDE

DOOR (RH)

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	P / W MTR (AS)	B			R / C MIRROR RH	B					
1	 S8256 - 04400A		FOR ALL MODEL	5	 S8258 - 09460A		FOR ALL MODEL				
	P-SUB SW										
2	 S8258 - 06250A		WITH P / W								
	HEAT&LIGHT MIR RH										
3	 S8258 - 09460A		FOR ALL MODEL								
	DOOR LOCK (AS)										
4	 S8258 - 07660B		FOR ALL MODEL								

CONNECTORS / CAB SIDE

ROOF

NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION	NO.	PARTS NAME	CONN. COLOR	APPLICATION
	DOME LAMP LH				ID LAMP RH	B					
1	 S8258 - 03360A		FOR ALL MODEL	5	 S8258 - 07320A		FOR ALL MODEL				
	ROOF C / L LH	B			ROOF C / L RH	B					
2	 S8258 - 07320A		FOR ALL MODEL	6	 S8258 - 07320A		FOR ALL MODEL				
	ID LAMP LH	B			DOME LAMP RH						
3	 S8258 - 07320A		FOR ALL MODEL	7	 S8258 - 03360A		FOR ALL MODEL				
	ID LAMP CTR	B									
4	 S8258 - 07320A		FOR ALL MODEL								

6. METRIC/U.S. CUSTOMARY UNIT EQUIVALENTS

Multiply:	by:	to get:	Multiply:	by:	to get:
LINEAR					
inches	x 25.4	= millimeters (mm)		x 0.03937	= inches
inches	x 2.54	= centimeters (cm)		x 0.3937	= inches
feet	x 0.3048	= meters (m)		x 3.281	= feet
AREA					
inches ²	x 645.16	= millimeters ² (mm ²)		x 0.00155	= inches ²
inches ²	x 6.452	= centimeters ² (cm ²)		x 0.155	= inches ²
feet ²	x 0.0929	= meters (m ²)		x 10.764	= feet ²
VOLUME					
inches ³	x 16387.0	= millimeters ³ (mm ³)		x 0.000061	= inches ³
inches ³	x 16.387	= centimeters ³ (cm ³)		x 0.06102	= inches ³
inches ³	x 0.01639	= liters (l)		x 61.024	= inches ³
quarts	x 0.94635	= liters (l)		x 1.0567	= quarts
gallons	x 3.7854	= liters (l)		x 0.2642	= gallons
feet ³	x 28.317	= liters (l)		x 0.03531	= feet ³
feet ³	x 0.02832	= meters ³ (m ³)		x 35.315	= feet ³
fluid oz	x 29.57	= milliliters (ml)		x 0.03381	= fluid oz
MASS					
ounces (av)	x 28.35	= grams (g)		x 0.03527	= ounces (av)
pounds (av)	x 0.4536	= kilograms (kg)		x 2.2046	= pounds (av)
tons (2000 lb)	x 907.18	= kilograms (kg)		x 0.001102	= tons (2000 lb)
tons (2000 lb)	x 0.90718	= tonne (t)		x 1.1023	= tons (2000 lb)
FUEL ECONOMY					
miles/gal	x 0.42514	= kilometers/liter (km/l)		x 2.3522	= miles/gal
gal/mile	x 2.3522	= liters/kilometer (l/km)		x 0.42514	= gal/mile
gal/mile	x 235.22	= liters/100 kilometers (l/100 km)		x 0.004251	= gal/mile
POWER					
horsepower	x 0.746	= kilowatts (kw)		x 1.34	= horsepower
ft-lbf/min	x 0.0226	= watts (W)		x 44.25	= ft-lbf/min
TORQUE					
pound-inches	x 0.11298	= newton-meters (N·m)		x 8.851	= pound-inches
pound-feet	x 1.3558	= newton-meters (N·m)		x 0.7376	= pound-feet
VELOCITY					
miles/hour	x 1.6093	= kilometers/hour (km/h)		x 0.6214	= miles/hour
kilometers/hr	x 0.27778	= meters/sec (m/s)		x 3.600	= kilometers/hr
miles/hour	x 0.4470	= meters/sec (m/s)		x 2.237	= miles/hour
COMMON METRIC PREFIXES					
	mega (M)	= 1,000,000		centi (c)	= 0.01
	kilo (k)	= 1,000		milli (m)	= 0.001
	hecto (h)	= 100		micro (μ)	= 0.000001