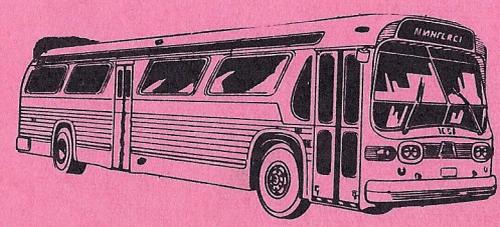


OK. 5/5/75 WW

8.29.74 up to date

# WIRING DIAGRAMS

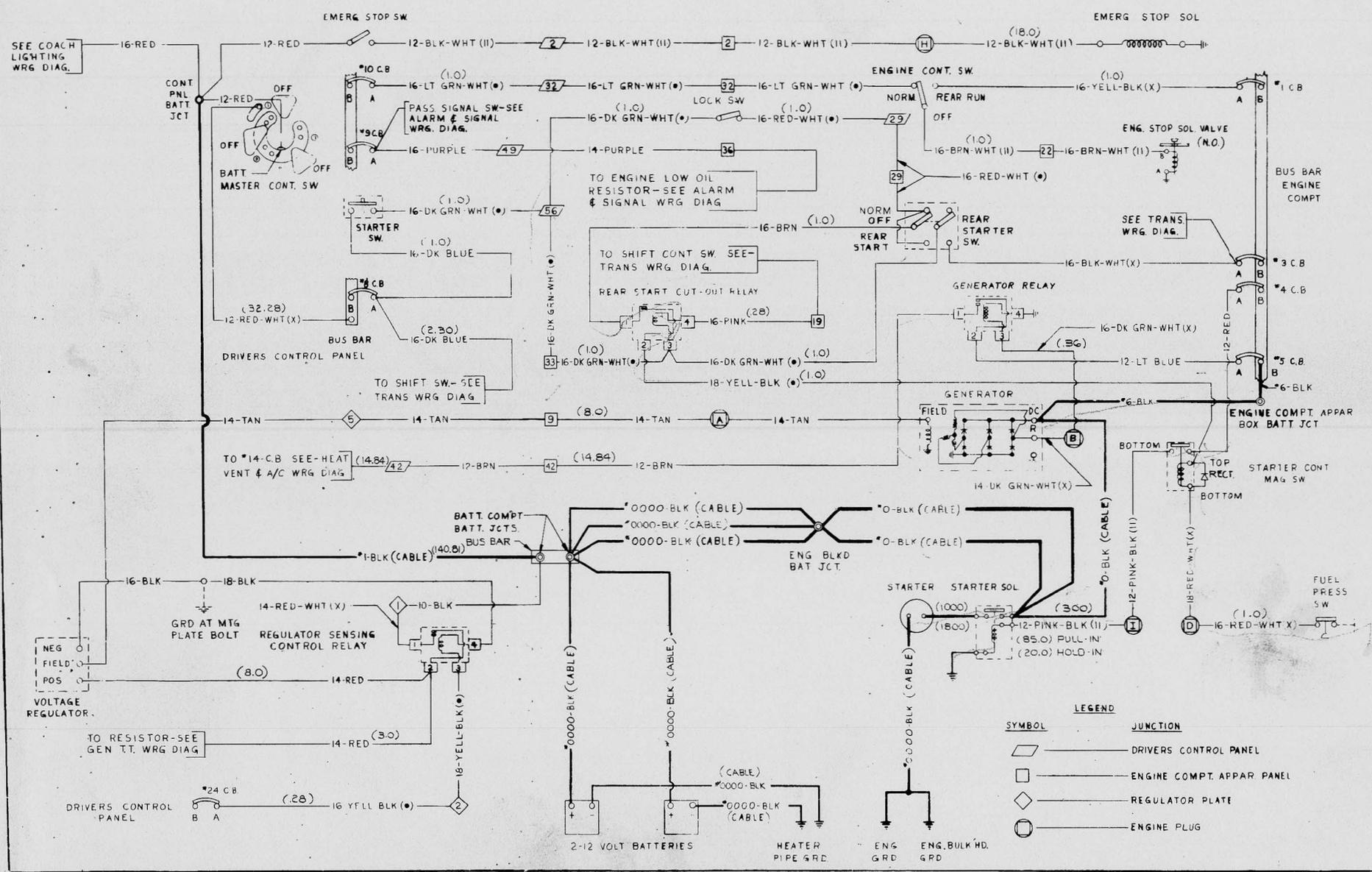
# 7400-7944



CHICAGO TRANSIT AUTHORITY  
Vehicle and Industrial Equipment Design  
Engineering Department

I N D E X

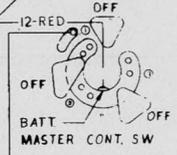
<u>Title</u>	<u>Drawing Number</u>	<u>Page</u>
Engine Control and Generator	XL-13258	1 and 2
Generator Tell-Tale	XL-13238	3
Spare Wire	XL-13242	4
Speedometer	XL-13253	5
Coach Lighting	XL-13257	6
Transmission	XL-13256	7
Stop and Directional Lamp	XL-13235	8
Door Control	XL-13254	9
Alarm and Signal	XL-13234	10
Air Conditioning	XL-13255	11
Air-Discharge Dryer	XL-13251	12
Fare Box	XL-13250	13
Power Destination Sign	XL-13249	14
Communication System	XL-13252	15
Driver's Utility Box, Relay and Circuit Breaker Identifi- cation		16
Front End Standard Wiring Tabulation	MD-11528	17
Rear End Standard Wiring Tabulation	MD-11527	18
Regulator and Blower Control Panel Location Diagram	SK-E.D.-1	19
Engine Compartment Apparatus Box Location Diagram	SK-E.D.-2	20



SEE COACH LIGHTING WRG DIAG.

(18.0)

CONT PNL BATT JCT



PASS SIGNAL SW-SEE ALARM & SIGNAL WRG DIAG.



DRIVERS CONTROL PANEL

TO SHIFT SW-SEE TRANS WRG DIAG.

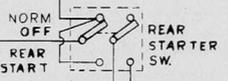
TO ENGINE LOW OIL RESISTOR-SEE ALARM & SIGNAL WRG DIAG.

TO SHIFT CONT SW-SEE TRANS WRG DIAG.

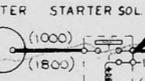
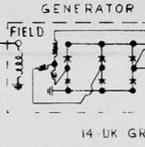
REAR START CUT-OUT RELAY

16-DK GRN-WHT (1.0)

ENGINE CONT. SW



GENERATOR RELAY



EMERG STOP SOL

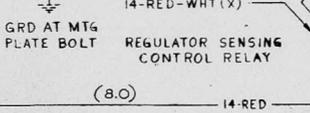
ENG. STOP SOL VALVE (N.O.)

SEE TRANS WRG DIAG.

ENGINE COMPT. APPAR BOX BATT JCT



FUEL PRESS SW



TO RESISTOR-SEE GEN T.T. WRG DIAG.



2-12 VOLT BATTERIES

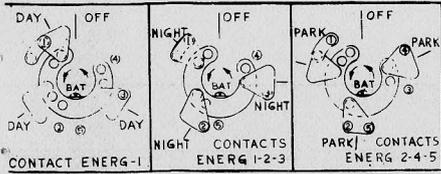
HEATER PIPE GRD

ENG GRD

ENG. BULK HD. GRD

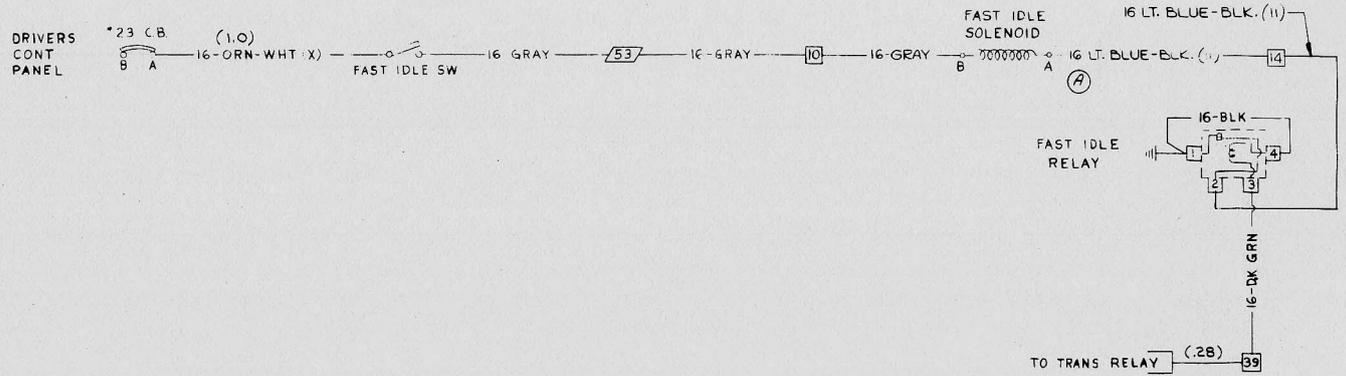
LEGEND

- | SYMBOL | JUNCTION                  |
|--------|---------------------------|
|        | DRIVERS CONTROL PANEL     |
|        | ENGINE COMPT. APPAR PANEL |
|        | REGULATOR PLATE           |
|        | ENGINE PLUG               |



DRIVERS MASTER CONTROL SW OPERATION

FOR CONTACTS 2&3 ON MASTER CONTROL SW -  
SEE COACH LIGHTING WIRING DIAGRAM



XL-13258

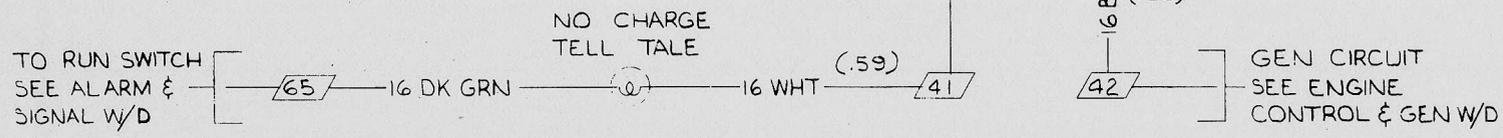
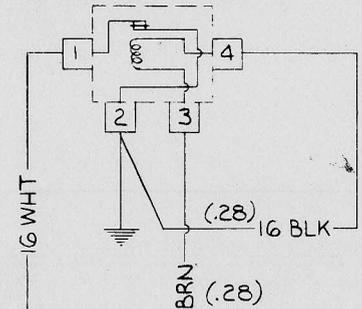
DATE	BY	REVISION
10/1/58	WJ	1
10/1/58	WJ	2
10/1/58	WJ	3
10/1/58	WJ	4
10/1/58	WJ	5
10/1/58	WJ	6
10/1/58	WJ	7
10/1/58	WJ	8
10/1/58	WJ	9
10/1/58	WJ	10
10/1/58	WJ	11
10/1/58	WJ	12
10/1/58	WJ	13
10/1/58	WJ	14
10/1/58	WJ	15
10/1/58	WJ	16
10/1/58	WJ	17
10/1/58	WJ	18
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10/1/58	WJ	44
10/1/58	WJ	45
10/1/58	WJ	46
10/1/58	WJ	47
10/1/58	WJ	48
10/1/58	WJ	49
10/1/58	WJ	50

ENGINE CONTROL & GEN WIRING DIAGRAM

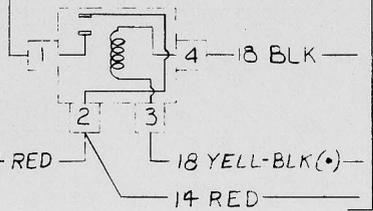
PART NO  
**XL-13238**

DATE	BY	REVISION RECORD	AUTH	DR	CK	P.E

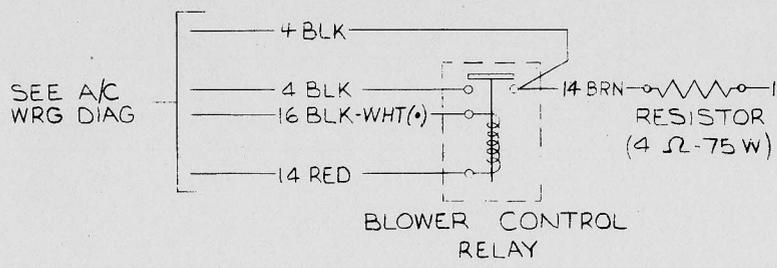
**GENERATOR  
NO-CHARGE RELAY**



**REGULATOR SENSING  
CONTROL RELAY**



SEE ENGINE CONTROL & GEN W/D



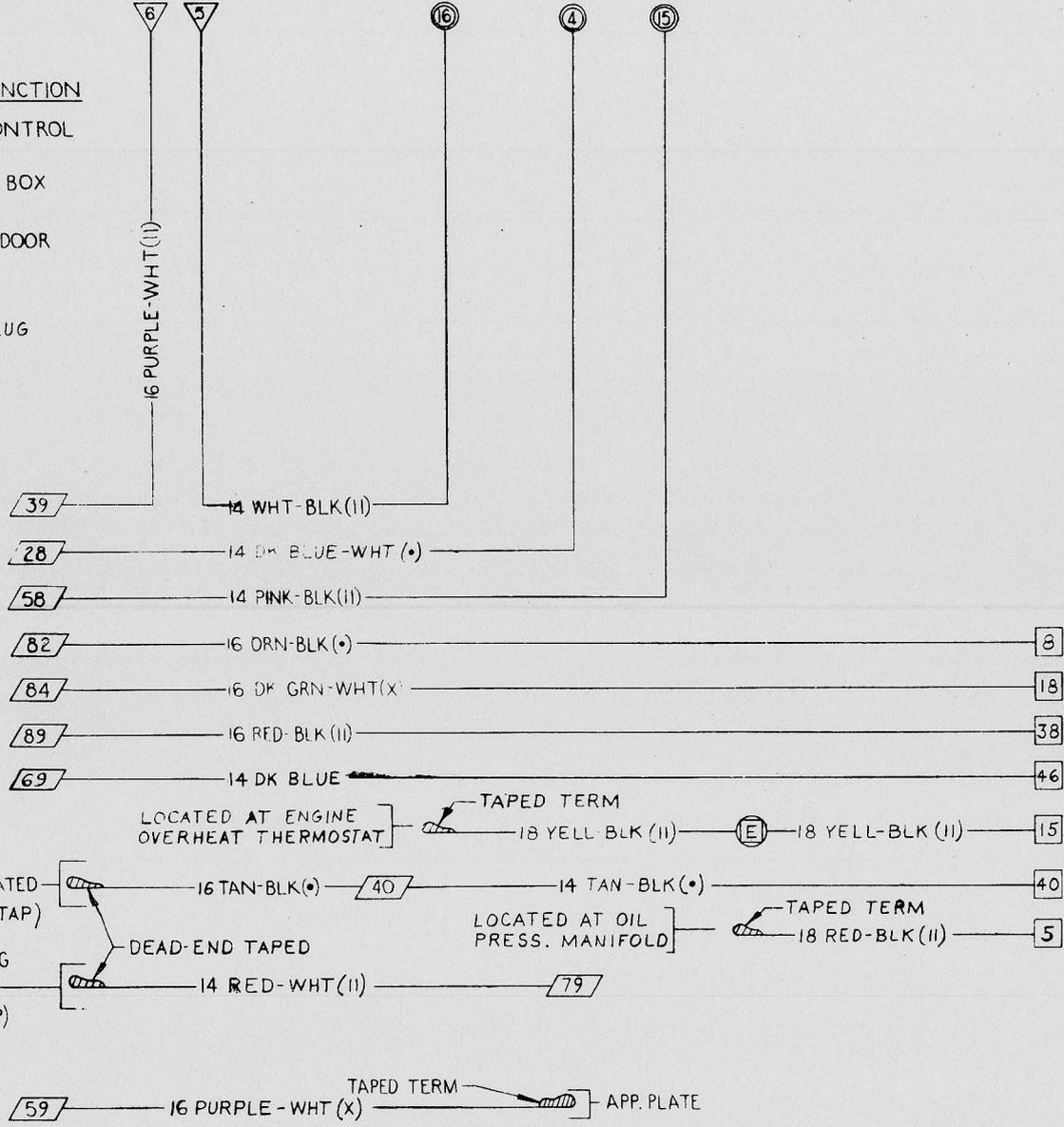
**LEGEND**  
SYMBOL JUNCTION  
□ — DRIVERS CONTROL PANEL JCT

PUR. ROUGH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY		DATE	
DO NOT SCALE DRAWING			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL THREE PLACE DECIMALS			
ALL TWO PLACE DECIMALS			
DWG. DATE	SCALE	DR. BY	DATE
3-29-72	~	J. Manting	
FIRST USED		CK	
T8H 5307A			
REFERENCE		APPR	
MD 9071 25-0506			
YC-198872-199396			
MATERIAL			
NAME			
WIRING DIAGRAM-GENERATOR TELL-TALE			
PART NO			
XL-13238			

PART NO XL-13242

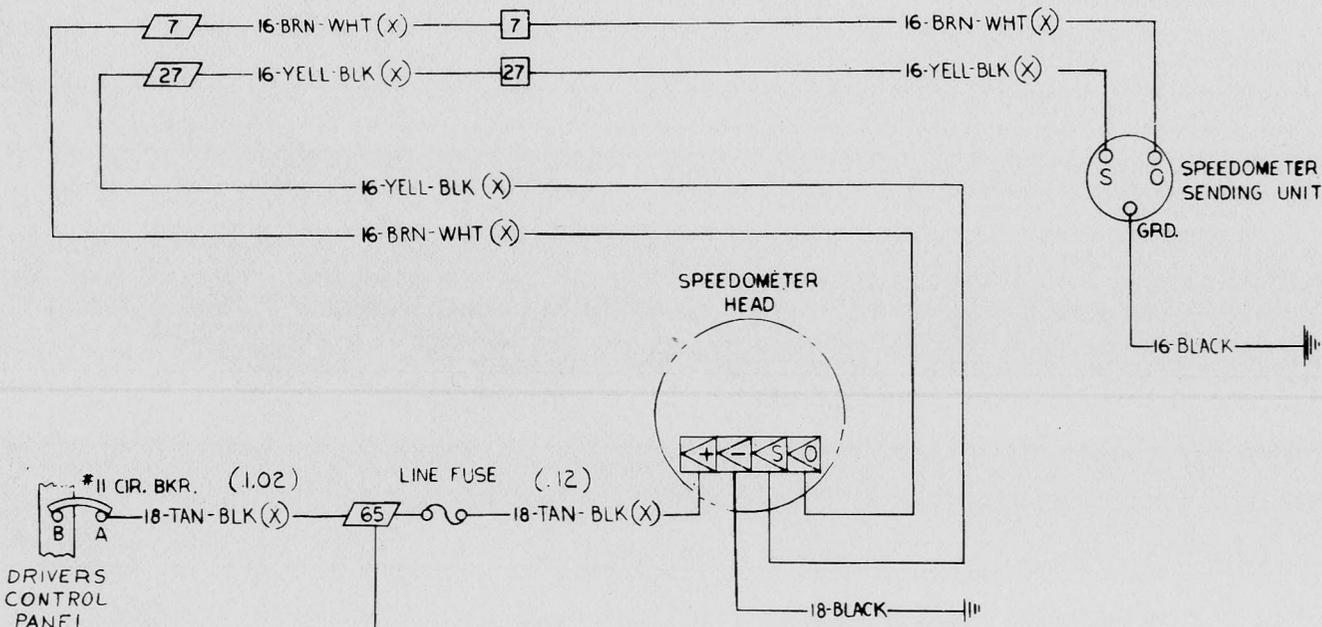
DATE	SYM	REVISION RECORD	AUTH	DR	CK	P.E

- LEGEND**
- SYMBOL**      **JUNCTION**
- DRIVERS CONTROL PANEL
  - APPARATUS BOX PANEL
  - ENTRANCE DOOR
  - EXIT DOOR
  - ENGINE PLUG



PUR. ROUGH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY		DATE	
DO NOT SCALE DRAWING			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL THREE PLACE DECIMALS			
ALL TWO PLACE DECIMALS			
DATE: 4-10-72	SCALE: FULL	DR: <i>[Signature]</i>	
FIRST USED: TBH-5307A			
REFERENCE: MD8378, 25-0506, YC198872			
MATERIAL			
NAME			
WIRING DIAGRAM- SPARE WIRE			
PART NO XL-13242			

XL-13253



DRIVERS CONTROL PANEL

SEE ALARM & SIGNAL WIRING DIAGRAM

- LEGEND**
- SYMBOL**
- DRIVER'S CONTROL PANEL
  - ENGINE COMPARTMENT APPARATUS BOX
  - SPEEDO DASH UNIT PLUG
- JUNCTION**

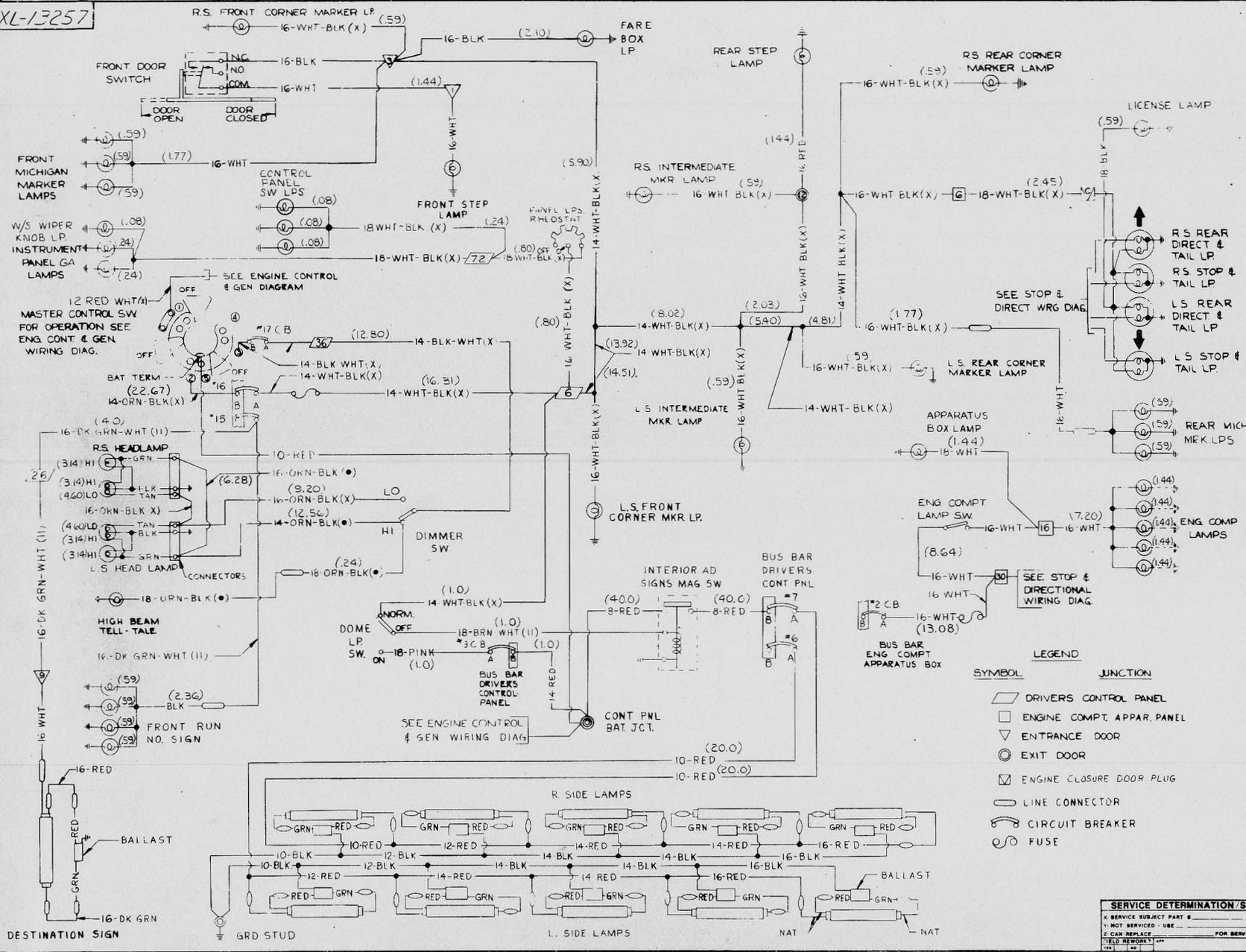
DATE	SYM.	REVISION RECORD	AUTH.	DR.	CK.	P. E.

PUR. ROUGH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY			DATE
DO NOT SCALE DRAWING f <sub>1</sub> = 1/32 FINISH f <sub>2</sub> = 1/16 f <sub>3</sub> = 3/32 ETC. TOLERANCES UNLESS OTHERWISE SPECIFIED ALL THREE PLACE DECIMALS 2~ ALL TWO PLACE DECIMALS 2~			
DWG. DATE	SCALE	DR. <i>Glen Panting</i>	
4-14-73	NONE		
FIRST USED	CR	APPR. <i>Glen Panting 5/1/73</i>	
T8H-5307A			
REFERENCE	APP.	APP. <i>W. U. Werner 5-7-73</i>	
MD-10172			
25-0501			
YC-201007:551	P. E.	APPR. <i>R. L. Moore 5-7-73</i>	
MATERIAL			

SERVICE DETERMINATION'S	
X - SERVICE SUBJECT PART S	_____
Y - NOT SERVICED - USE	_____
Z - CAN REPLACE	_____ FOR SERVICE
FIELD REWORK?	APP
YES	NO

NAME		SPEEDOMETER WIRING DIAGRAM	
PART NO.	XL-13253		SIZE
			C

XL-13257



- LEGEND**
- SYMBOL**
- DRIVERS CONTROL PANEL
  - ENGINE COMPT APPAR. PANEL
  - ENTRANCE DOOR
  - EXIT DOOR
  - ENGINE CLOSURE DOOR PLUG
  - LINE CONNECTOR
  - CIRCUIT BREAKER
  - FUSE
- JUNCTION**
- JUNCTION

**SERVICE DETERMINATION/S**

X SERVICE SUBJECT PART #

1. NOT SERVICED - USE

2. CAN REPLACE

3. FIELD NETWORK

FOR SERVICE

DATE	REV	REVISION	REASON	AUTH	CHK	APP

FOR ROUGH	FOR BARE METAL	FOR FINISHED	MANUFACTURE
APPROVED BY: _____ DATE: _____			
DO NOT SCALE DRAWING			
1" = 1/32" FINISH 1/16" = 1/32" DIA ETC.			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL THREE PLACE DECIMALS &			
ALL TWO PLACE DECIMALS &			
REV	DATE	BY	APP
1	9-23-72	W. J. PANTLEY	
2	5-1-73	W. J. PANTLEY	
3	5-1-73		
4	201007-201551		

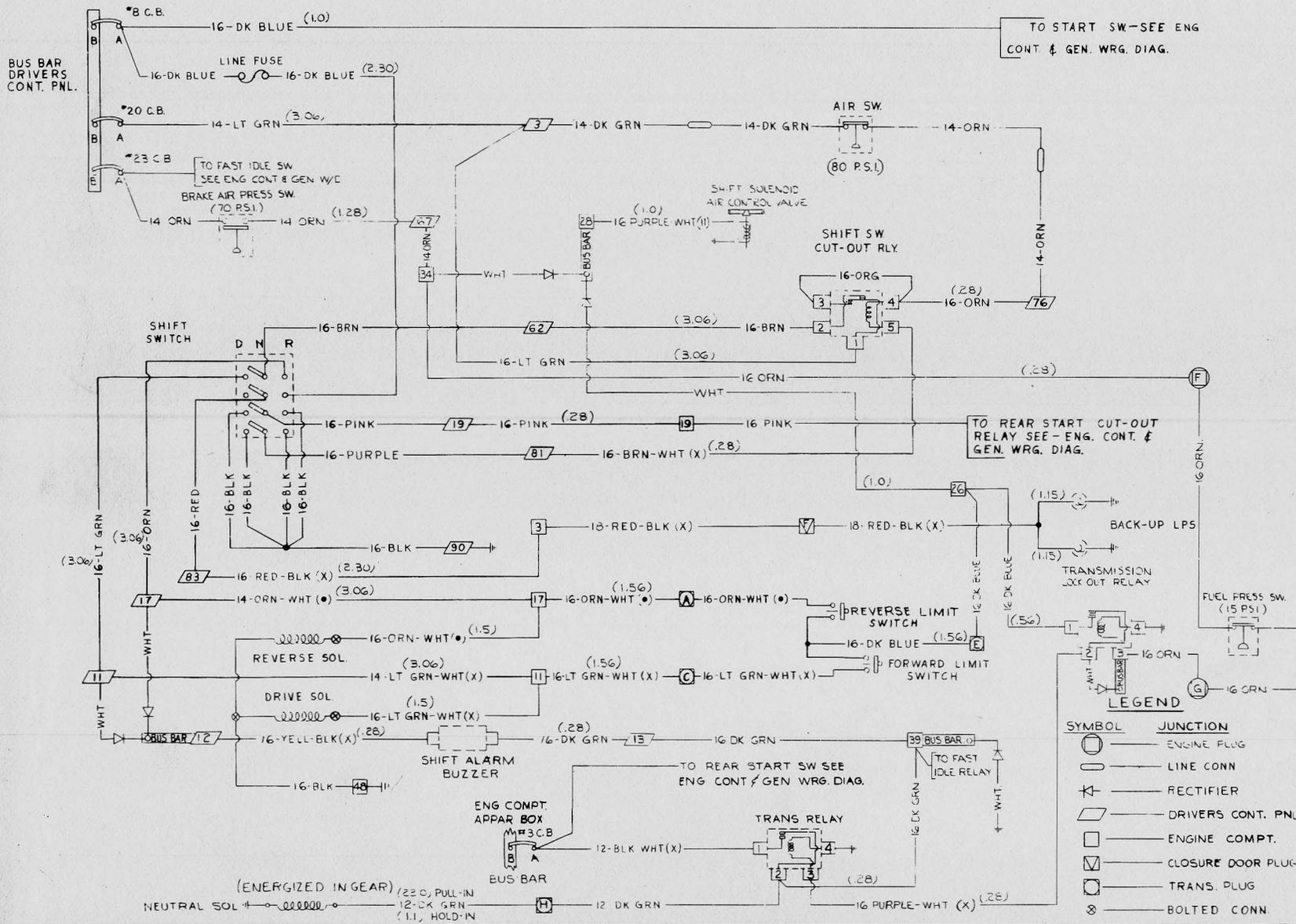
**SERVICE DETERMINATION/S**

**COACH LIGHTING WIRING DIAGRAM**

XL-13257

MD-11372

XL-13256



DATE	REV.	REVISION RECORD	APP'D	CHK.	CL.	P.A.

REV.	DATE	BY	DESCRIPTION
1	4-5-73	W. J. ...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...

DO NOT SCALE DRAWING  
 1" = 1/32" FINISH     1/2" = 1/16" FIN.     3/16" = 3/32" ETC.  
 TOLERANCES UNLESS OTHERWISE SPECIFIED  
 ALL THREE PLACE DECIMALS ±

APPROVED BY: *W. J. ...*  
 DATE: 4-5-73

TRANS. PART NO. 201007-201551  
 MATERIAL: ...

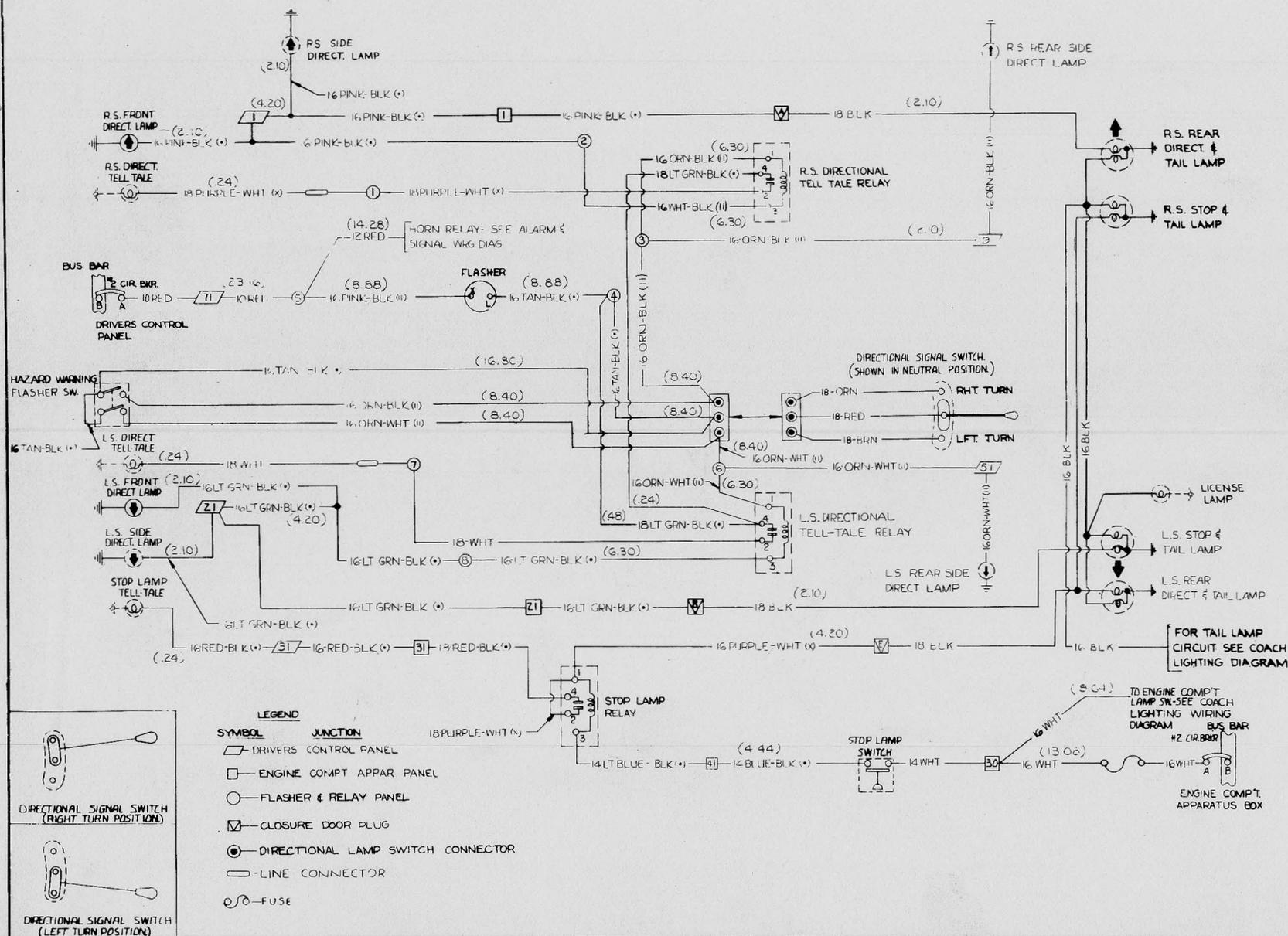
TRANS. WIRING DIAGRAM

PART NO. XL-13256

MD 11562

XL-13235

DATE	REV	REVISION	AUTH	BY	CR	PK



REV	DATE	BY	CHKD	APP'D
1	4-72			
2	4-72			
3	4-72			
4	4-72			
5	4-72			
6	4-72			
7	4-72			
8	4-72			
9	4-72			
10	4-72			

APPROVED BY: *[Signature]* DATE: *[Date]*

DO NOT SCALE DRAWING

TOLERANCES UNLESS OTHERWISE SPECIFIED

ALL THREE PLACE DECIMALS

ALL TWO PLACE DECIMALS

TRH-5307A

MD-8376

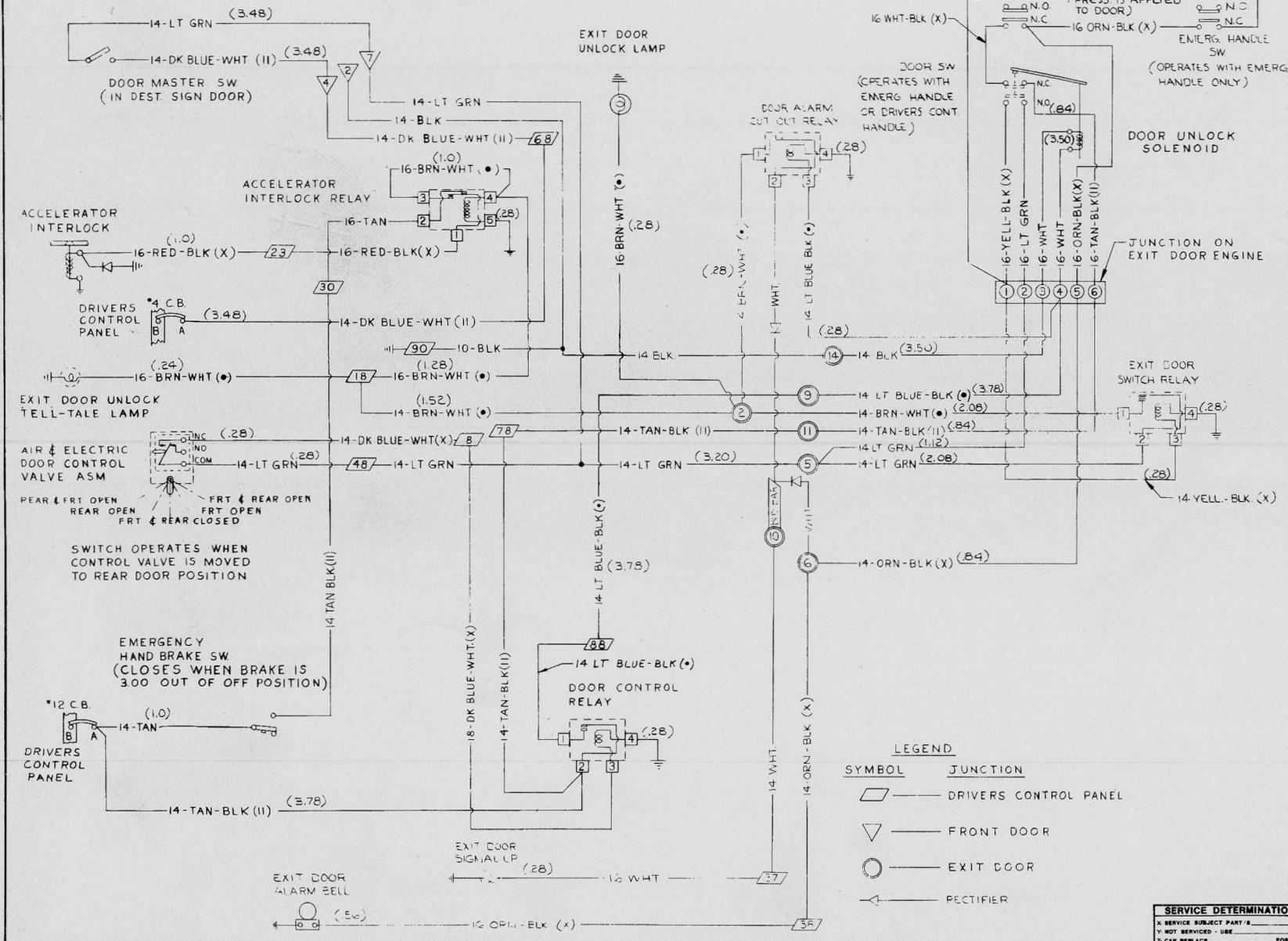
YC-198872-199376

STOP & DIRECTIONAL LAMP WIRING DIAGRAM

**XL-13235**

4/21/72

XL-13254



DATE	BY	REVISION RECORD	APPR.	CHK.	CR.	P.I.

**LEGEND**

SYMBOL      JUNCTION

▭      DRIVERS CONTROL PANEL

▽      FRONT DOOR

○      EXIT DOOR

↔      RECTIFIER

FOR ROUGH	FOR BARE METAL	FOR FINISHED	MANUFACTURE
APPROVED BY _____ DATE _____			
DO NOT SCALE DRAWING 1/4" = 1" UNLESS OTHERWISE SPECIFIED TOLERANCES UNLESS OTHERWISE SPECIFIED ALL THREE PLACE DECIMALS ALL TWO PLACE DECIMALS			
DATE: 4-6-73	SCALE: NONE	DR: Chas. P. Kelly	
DESIGNED BY: TCH 5307A			
APPROVED BY: [Signature]			
NO. 0136			
REV. 0501			
YC-201007-201551			
MATERIAL: _____			
NAME: DOOR CONTROL WIRING DIAGRAM			
PART NO: XL-13254			FILE: D

**SERVICE DETERMINATION/S**

X SERVICE SUBJECT PART/S

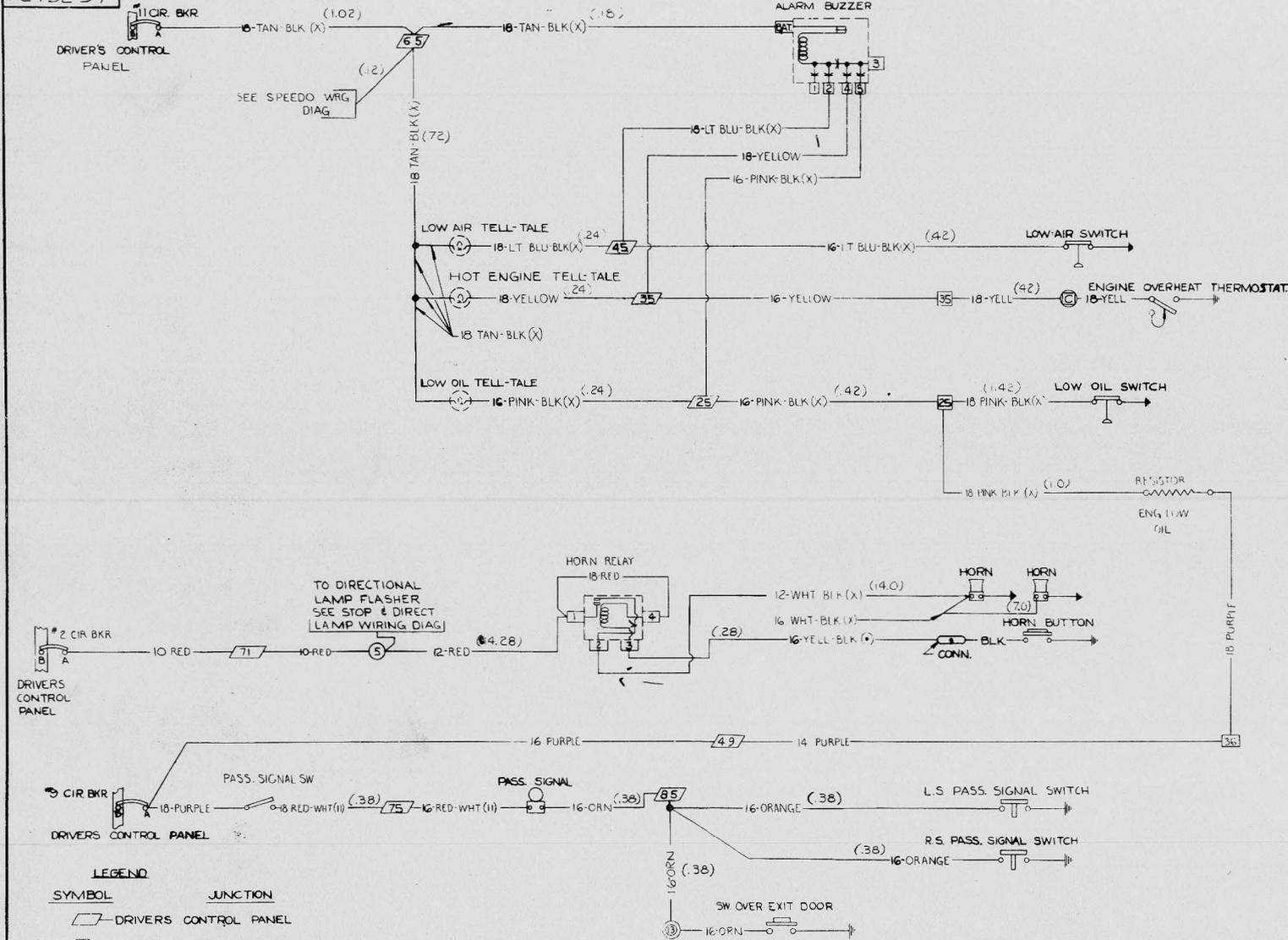
Y NOT SERVICED - USE \_\_\_\_\_ FOR SERVICE

Z CAN REPLACE \_\_\_\_\_ FOR SERVICE

FIELD NETWORK \_\_\_\_\_

111D 11371

XL-13234



DATE	BY	REVISION RECORD	DATE	BY	REVISION

**LEGEND**

**SYMBOL**

- — DRIVERS CONTROL PANEL
- ▢ — ENGINE COMPT. APPAR. PANEL
- ⊙ — ENGINE PLUG
- ◇ — REGULATOR PLATE
- — 8 POST JUNCTION-FLASH & HORN-RELAY PANEL
- ⊙ — REAR DOOR JUNCTION

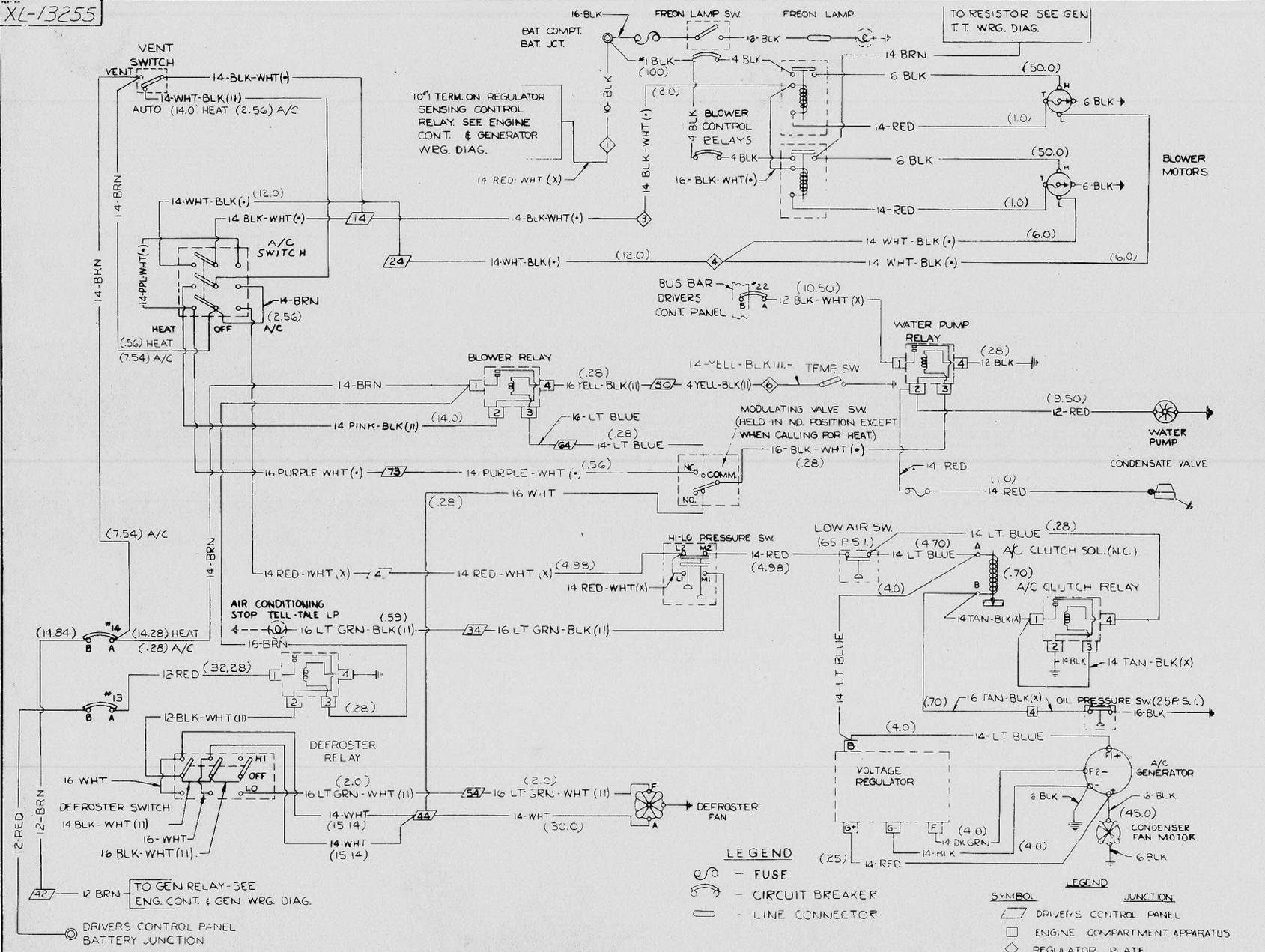
**JUNCTION**

SW OVER EXIT DOOR

PUR. ROOMS	PUR. BARE METAL	PUR. PUBLISHED	MANUFACTURE
APPROVED BY: _____ DATE: _____			
DO NOT SCALE DRAWING			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL THREE PLACE DECIMALS			
DATE 4-1-72			
PART USED: <i>TL-1000-1-10-22</i>			
TMH-5307A			
REFERENCE: 25-0506			
MD-8377			
YC-198872-199396			
DATE: 4/1/72			
REVISION: R-1			
NAME: ALARM & SIGNAL WIRING DIAGRAM			
PART NO: XL-13234			

MD-10184

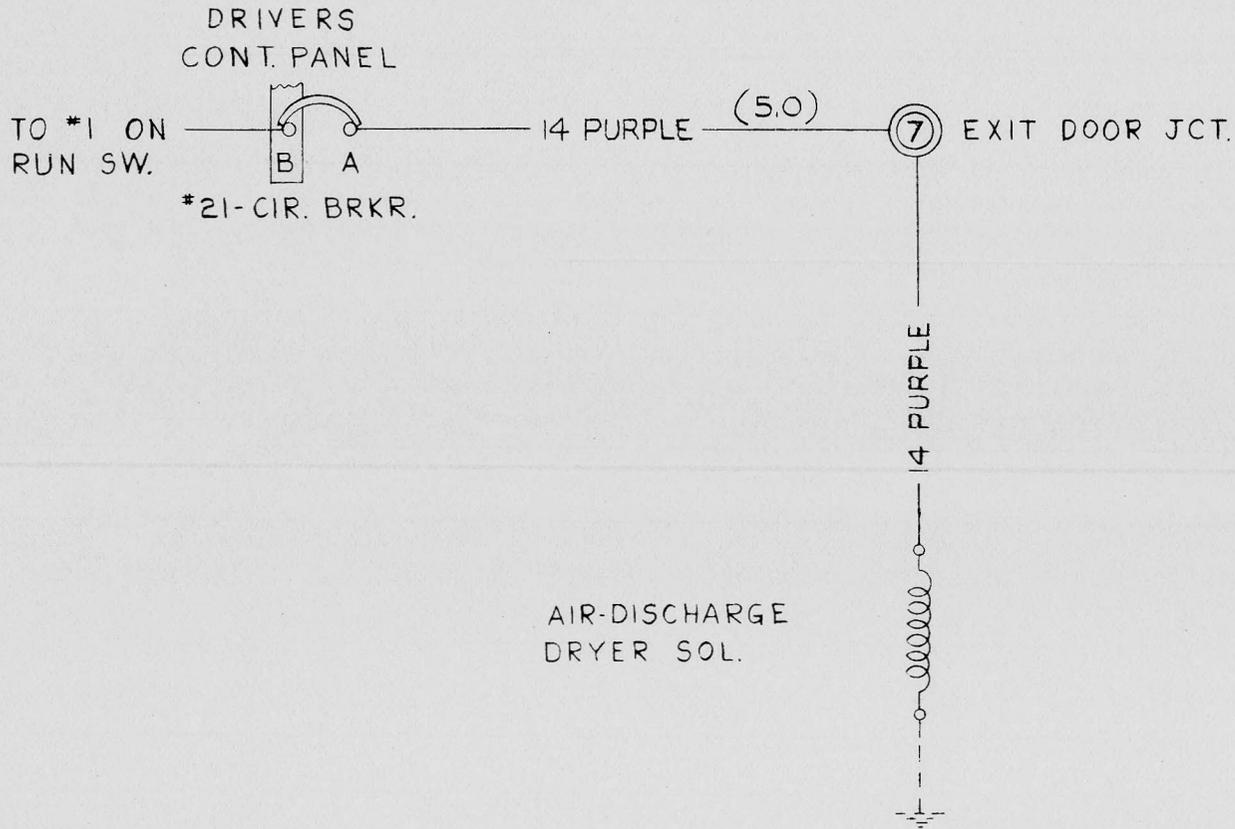
XL-13255



DATE	BY	REVISION	RECORD	AUTH.	DR.	CK.	P.L.

PUR. REVISION	PUR. BASE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY _____ DATE _____			
DO NOT SCALE DRAWING			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL THREE PLACE DECIMALS UNLESS OTHERWISE SPECIFIED			
PART NO.	SCALE	APP. BY	DATE
XL-13255	1:1	<i>[Signature]</i>	11-21-51
PART NO.	REV.	APP. BY	DATE
XL-13255	1	<i>[Signature]</i>	11-21-51
TITLE AIR CONDITIONING WIRING DIAGRAM			
FILE NO.	FILE NO.		FILE NO.
XL-13255			D

PART NO.  
**XL-13251**

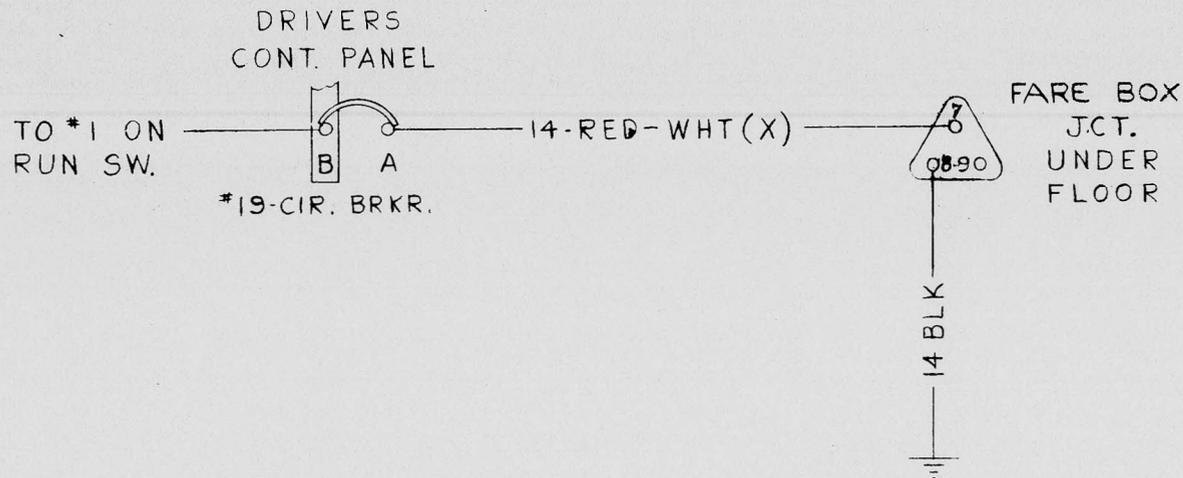


DATE	SYM.	REVISION RECORD	AUTH.	DR.	CK.	P. E.

PUR. ROUGH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY		DATE	
DO NOT SCALE DRAWING $f_1 = 1/32$ FINISH $f_2 = 1/16$ $f_3 = 3/32$ ETC. TOLERANCES UNLESS OTHERWISE SPECIFIED ALL THREE PLACE DECIMALS ± ALL TWO PLACE DECIMALS ±			
DWG. DATE 3-30-73	SCALE 2x	DR. <i>Rumble</i>	
FIRST USED T8H-5307A		CK. <i>Glen Parker 3-23-73</i>	
REFERENCE MD-9351		APPR. <i>M. U. Line 4-24-73</i>	
25-0501		APPR. <i>R. J. Hertz 4-24-73</i>	
YC-201007-551		P.E. APPR. <i>R. J. Hertz 4-24-73</i>	
MATERIAL			
NAME WIRING DIAGRAM AIR-DISCHARGE DRYER			
PART NO. XL-13251			SIZE B

SERVICE DETERMINATION/S	
X-SERVICE SUBJECT PART/S	
Y-NOT SERVICED - USE	
Z-CAN REPLACE	FOR SERVICE
FIELD REWORK?	APP
YES	NO

PART NO.  
**XL-13250**



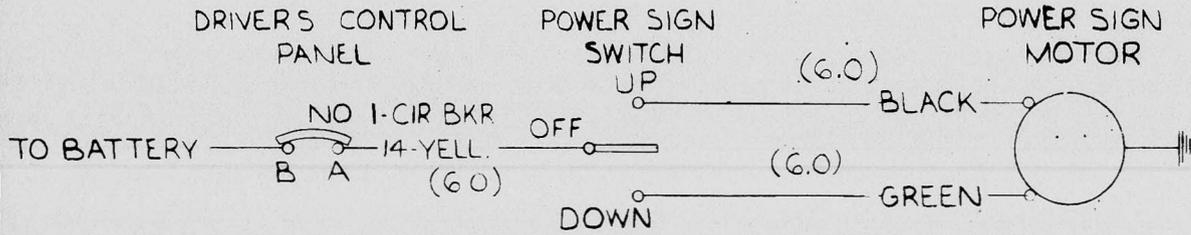
DATE	SYM.	REVISION RECORD	AUTH.	DR.	CK.	P. E.

PUR. ROUGH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY			DATE
DO NOT SCALE DRAWING f <sub>1</sub> = 1/32 FINISH   f <sub>2</sub> = 1/16   f <sub>3</sub> = 3/32 ETC. TOLERANCES UNLESS OTHERWISE SPECIFIED ALL THREE PLACE DECIMALS ± ALL TWO PLACE DECIMALS ±			
DWG. DATE 3-30-73	SCALE 2X	DR. <i>Rumble</i>	
FIRST USED T8H-5307A		CK. <i>Glen Penney</i> 4-23-73	
REFERENCE 25-0501 MD-10241 YC-201007-551		APPR. <i>[Signature]</i> 4-27-73	
MATERIAL		APPR. <i>R. J. Moran</i> 4-24-73	
NAME WIRING DIAGRAM-FARE BOX			
PART NO. <b>XL-13250</b>			SIZE <b>B</b>

SERVICE DETERMINATION/S	
X- SERVICE SUBJECT PART/S	_____
Y- NOT SERVICED - USE	_____
Z- CAN REPLACE	_____ FOR SERVICE
FIELD REWORK?	APP
YES	NO

XL-13249

DATE	SYM.	REVISION RECORD	AUTH.	DR.	CK.	P.E.



PUR. ROUGH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY		DATE	
DO NOT SCALE DRAWING f <sub>1</sub> = 1/32 FINISH    f <sub>2</sub> = 1/16    f <sub>3</sub> = 3/32 ETC. TOLERANCES UNLESS OTHERWISE SPECIFIED ALL THREE PLACE DECIMALS ± ~ ALL TWO PLACE DECIMALS ± ~			
DWG. DATE 4-28-73	SCALE NONE	DR. Glas. Pankay	
FIRST USED 764-5307A	APPR. A. Werner 5-7-73		
REFERENCE MID-10140 25-0501 YC 201007-551	APPR. A. Werner 5-7-73		
MATERIAL			P.E. APPR. R.C. Moran 5-7-73
NAME POWER DESTINATION SIGN-WIRING DIAGRAM			
PART NO. XL-13249			SIZE B

**SERVICE DETERMINATION/S**

X - SERVICE SUBJECT PART S \_\_\_\_\_

Y - NOT SERVICED - USE \_\_\_\_\_

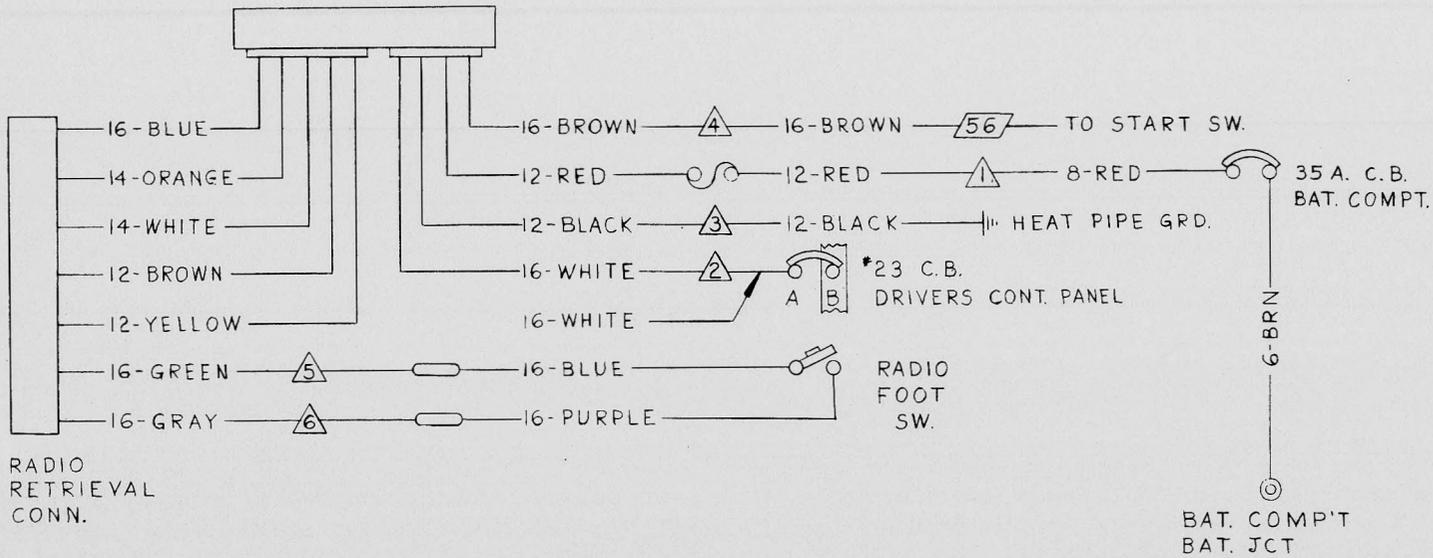
Z - CAN REPLACE \_\_\_\_\_ FOR SERVICE \_\_\_\_\_

FIELD REWORK? APP

YES  NO

PART NO.  
**XL-13252**

**FILTER & RELAY BOX**



DATE	SYM.	REVISION RECORD	AUTH.	DR.	CK.	P. E.

RADIO RETRIEVAL CONN.

RADIO FOOT SW.

\*23 C.B. DRIVERS CONT. PANEL

BAT. COMPT. BAT. JCT

**LEGEND**

SYMBOL      JUNCTION

▭      DRIVER CONTROL PANEL

△      RADIO COMPT JCT

○      LINE CONNECTOR

⊃      FUSE

PUR. ROUGH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY		DATE	
DO NOT SCALE DRAWING			
f <sub>1</sub> = 1/32 FINISH   f <sub>2</sub> = 1/16   f <sub>3</sub> = 3/32 ETC.			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL THREE PLACE DECIMALS ±			
ALL TWO PLACE DECIMALS ±			
DWG. DATE	SCALE	DR.	
3-29-73	1/16	Rumble	
FIRST USED		CHK APPR.	
T8H-5307A		Rumble	5-7-73
REFERENCE		APPR.	
25-0501			
MD-10258			
YC-201007-551		P.E. APPR.	
MATERIAL			
NAME COMMUNICATION SYSTEM WIRING DIAGRAM			
PART NO.			SIZE
XL-13252			C

**SERVICE DETERMINATION/S**

X- SERVICE SUBJECT PART S

Y- NOT SERVICED - USE

Z- CAN REPLACE      FOR SERVICE

FIELD REWORK?      APP

YES      NO

P/FM 1020 94 7 72 51650

BLOWER  
RELAY

DOOR  
CONTROL  
RELAY

ALARM  
BUZZER

SHIFT ALARM  
BUZZER

INSIDE SIGN  
MAG SW

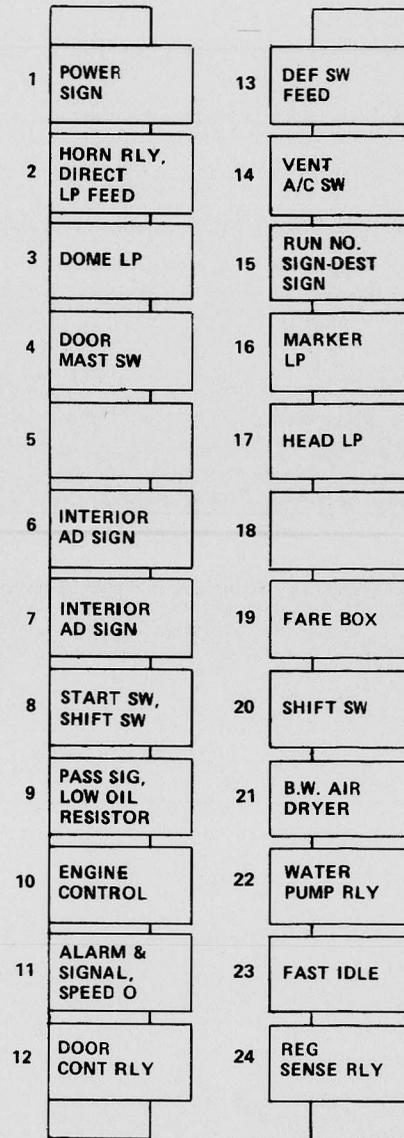
SHIFT SW CUT  
OUT RELAY

ACCELERATOR  
INTERLOCK  
RELAY

GENERATOR  
NO-CHARGE  
RELAY

DEFROSTER  
RELAY

JUNCTION BLOCK



CIRCUIT BREAKERS

DRIVERS CONTROL PANEL JUNCTION - ▢

CIRCUIT	WIRE COLOR	TO
1 RIGHT SIDE DIRECTIONAL LP	PINK-BLK (C)	
2 EMERGENCY STOP SW	BLK-WHT (C)	
3 SHIF SW (OUT-OUT RLY)	DK GRN	
4 HI-LO PRESS SW (A/C FEED)	RED-WHT (C)	
5 MARKER LP INSTR. PANEL LP-DOME LP SW	WHT-BLK (C)	
6 SPEEDOMETER	BRN-WHT (C)	
7 DOOR CONTROL RELAY	DK BLU-BLK (C)	
8 U.S. REAR SIDE DIRECTIONAL LAMP	ORN-BLK (D)	
9 COMMUNICATIONS FEED	RED	
10 SHIF SW	LT GRN-WHT (C)	
11 SHIF ALARM BUZZER	YELL-BLK (C)	
12 SHIF ALARM BUZZER	DK GRN	
13 BLOWER CONTROL-HEAT & AIR COND.	BLK-WHT (C)	
14		
15		
16 SHIF SW	ORN-WHT (C)	
17 EXIT DOOR TELL-TALE	BRN-WHT (C)	
18 SHIF SW	PINK	
19		
20		
21 LEFT SIDE DIRECTIONAL LP	LT GRN-BLK (C)	
22 ACCELERATOR INT. MAG VALVE	RED-BLK (X)	
23 A/C REAR LOW SPEED	WHT-BLK (C)	
24 LOW OIL	PINK-BLK (X)	
25 DESTINATION SIGN	DK GRN-WHT (D)	
26 SPEEDOMETER	YELL-BLK (C)	
27 DOOR CONTROL SPARE	DK BLU-WHT (C)	
28 STARTER CIRCUIT	NEU-WHT (C)	
29 EMERGENCY BRAKE SW	TAN	
30 STOP LAMP T.T.	RED-BLK (C)	
31 ENG. STOP SOL	LT GRN-WHT (C)	
32		
33 A/C STOP T.T. LP	LT GRN-BLK (D)	
34 HOT ENG. T.T.	YELLOW	
35 DIMMER SW FEED-HD LAMPS	BLK-WHT (X)	
36 DOOR CONTROL	WHT	
37 DOOR CONTROL ALARM	ORN-BLK (X)	
38 SPARE	PURPLE-WHT (D)	
39 SPARE	TAN-BLK (C)	
40 SPARE	WHT	
41 NO CHARGE T.T.	BRN	
42 GEN. CIRCUIT-HEAT-VENT & A/C	BRN	
43		
44 DEFROSTER SW	WHT	
45 LOW AIR T.T.	LT BLUE-BLK (X)	
46		
47		
48 DOOR CONTROL	LT GRN	
49 LOW OIL RESISTOR	PURPLE	
50 BLOWER CONTROL TEMP SW	YELL-BLK (D)	
51 U.S. REAR SIDE DIRECTIONAL LAMP	ORN-WHT (D)	
52		
53 FAST IDLE SOL	GRAY	
54 DEFROSTER SW	LT GRN-WHT (D)	
55		
56 STRATER CIRCUIT	DK GRN-WHT (C)	
57		
58 SPARE	PINK-BLK (C)	
59 SPARE	PURPLE-WHT (X)	
60		
61		
62 SHIF SW	BRN	
63		
64 HEATING & AIR COND	LT BLUE	
65 ALARM & SIGNAL-SPEEDOMETER	TAN-BLK (D)	
66		
67 TRANSMISSION	BRN	
68 DOOR CONTROL	DK BLU-WHT (D)	
69 SPARE	DK BLUE	
70		
71 HORN RELAY & FLASHER PANEL FEED	RED	
72 PANEL LAMPS	WHT-BLK (X)	
73 HEATING & AIR COND.	PURPLE-WHT (C)	
74		
75 PASS. SIG. SW	RED-WHT (D)	
76 TRANS. AIR SW	ORN	
77 DOOR CONTROL RLY	TAN-BLK (D)	
78 SPARE	TAN-BLK (C)	
79		
80		
81 SHIF SW	BRN-WHT (C)	
82 SPARE	ORN-BLK (C)	
83 BACK-UP LAMP	RED-BLK (C)	
84 SPARE	DK GRN-WHT (X)	
85 PASS. SIG. VAL	ORN	
86		
87 DOOR CONTROL RELAY	LT BLUE-BLK (C)	
88 SPARE	RED-BLK (D)	
89		
90 GAD	BLK	

DRIVERS CONTROL PANEL CIRCUIT BREAKERS

CIRCUIT	WIRE COLOR	FED FROM	AMP
1 DEST SIGN	YELL	BAT	15A
2 HORN RLY & DIRECT. LP FEED	RED	BAT	20A
3 DOME LP SW	PINK	BAT	15A
4 DOOR MASTER	DK BLU-WHT (D)	BAT	10A
5			
6 INTERIOR AD SIGN.	RED	BAT	30A
7 INTERIOR AD SIGN.	RED	BAT	30A
8 STARTER SW / SHIF SW	DK BLUE	*1 RUN SW	8A
9 PASS. SIGNAL-LOW OIL RESISTOR	PURPLE	*1 RUN SW	8A
10 ENG. CONTROL	LT GRN-WHT (C)	*1 RUN SW	8A
11 ALARM & SIGNAL-SPEEDOMETER	TAN-BLK (X)	*1 RUN SW	8A
12 DOOR CONTROL RELAY	TAN-BLK (D)	*1 RUN SW	8A
13 DEFROSTER SW FEED	RED	BAT	40A
14 HEATER OR A/C SW FEED	BRN	GEN	15A
15 RUN NO. SIGN-DEST. SIGN	DK GRN-WHT (D)	*2 RUN SW	8A
16 MARKER LAMPS	WHT-BLK (X)	*2 RUN SW	25A
17 HEADLAMPS	BLK-WHT (X)	*3 RUN SW	20A
18			
19 FARE BOX	RED-WHT (X)	*1 RUN SW	15A
20 SHIF SW	LT GRN	*1 RUN SW	8A
21 B W AIR DRYER	PURPLE	*1 RUN SW	8A
22 WATER PUMP RELAY	BLK-WHT (X)	*1 RUN SW	20A
23 FAST IDLE / BRAKE AIR PRESS. SW.	ORN-WHT (X) ORN	*1 RUN SW	8A
24 REG SENSE RELAY	YELL-BLK (C)	*1 RUN SW	8A

FRONT DOOR JUNCTION - ▽

CIRCUIT	WIRE COLOR	TO
1 STEP LAMP FRONT	WHT	FRT DOOR SW
2 DOOR CONTROL-GROUND	BLACK	707
3 MARKER LP / FARE BOX LP	WHT-BLK (X) / BLK	707
4 DOOR MASTER SW	DK BLUE-WHT (D)	707
5 SPARE-TO FRONT DOOR	WHT-BLK (D)	707
6 SPARE	PURPLE-WHT (D)	707
7 DOOR MASTER SW	LT GRN	707
8 DOOR CONTROL SPARE	LT BLUE-BLK (C)	707
9 DESTINATION SIGN	DK GRN-WHT (D)	707

FUSED CIRCUIT

CIRCUIT	WIRE COLOR	TO	AMP
SHIF SW	DK BLUE	*8 C.B.(C.PNL)	8A
CONDENSATION VALVE	RED	*2 C.B.ENG. APPR. PNL	30A
ENG. COMPT. LP	WHT	*16 C.B.(D.C.PNL)	30A
MIG. LT. INST. PNL LP	BLK	BAT. COMPT. JCT.	6A
FRON. LP SW	BLK	*11 C.B.(C.PNL)	4A
SPEEDOMETER	TAN-BLK (X)		

SPEEDOMETER DASH UNIT PLUG - ▢

CIRCUIT	WIRE COLOR	TO
1 SPEEDOMETER	TAN-BLK (X)	707
2 SPEEDOMETER	BLK	707
3 SPEEDOMETER	YELL-BLK (X)	707
4 SPEEDOMETER	BRN-WHT (X)	707

REGULAR PLATE JUNCTION - ◇

CIRCUIT	WIRE COLOR	TO
1 TREC. SENS. RELAY	RED-WHT (X)	MAIN BAT. JUNC
2 TREC. SENS. RELAY	YELL-BLK (C)	23 C.B.
3 HEAT & AIR COND. BLOWER RELAY	BLK-WHT (C)	707
4 A/C BLOWER LOW SPEED	WHT-BLK (C)	707
5 REGULATOR (FIELD)	TAN	707
6 BLOWER CONTROL TEMP SW	YELL-BLK (D)	707

HORN RELAY & FLASHER PLATE JUNCTION - ○

CIRCUIT	WIRE COLOR	TO
1 R.S. DIRECT. T.T.	PURPLE-WHT (X)	R.S. DIRECT. T.T. RELAY
2 R.S. FRONT & SIDE DIRECT. LTS	PINK-BLK (C)	R.S. DIRECT. T.T. RELAY
3 DIRECT. SW. RHT. TURN	ORN-BLK (D)	R.S. DIRECT. T.T. RELAY
4 DIRECT. SW. LEFT TURN	TAN-BLK (C)	FLASHER T.T.
5 PANEL FEED	RED	FLASHER X
6 DIRECT. SW. LEFT TURN	ORN-WHT (D)	L.S. DIRECT. T.T. RELAY
7 U.S. DIRECT. T.T.	WHT	L.S. DIRECT. T.T. RELAY
8 U.S. FRONT & SIDE DIRECT. LTS	LT GRN-BLK (C)	L.S. DIRECT. T.T. RELAY

DATE	BY	REVISION	APPROV. NO.	CR.
7/6/11				

PUR. FINISH	PUR. BARE METAL	PUR. FINISHED	MANUFACTURE
APPROVED BY	DATE		
DO NOT SCALE DRAWING			
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL THREE PLACE DECIMALS ±			
REV. NO.	DATE	BY	DESCRIPTION
MD-23-73	7/6/11		
78H-5307A			
MD-10173			
25-0501			
YC201007-551			

FRONT END STANDARD WIRING TABULATION

MD-11528

MD-11527

ENGINE COMPT. APPARATUS BOX JUNCTION-□

CIRCUIT	WIRE COLOR	TO
1	PINK-BLK (○)	17
2	BLK-WHT (○)	18
3	RED-BLK (○)	19
4	TAN-BLK (○)	OIL PRESS. SW
5	SPARE	ENG. COMPT
6	YELL-BLK (11)	16
7	WHT-BLK (○)	17
8	BRN-WHT (○)	18
9	SPARE	19
10	ORN-BLK (○)	20
11	TAN	21
12	GRAY	22
13	LT GRN-WHT (X)	23
14	LT BLUE-BLK (11)	FAST IDLE SOL.
15	YELL-BLK (○)	1-ENG
16	SPARE	ENG COMPT LP SW
17	WHT	18
18	ENG. COMPT. LMP.	19
19	ORN-WHT (○)	20
20	DK GRN-WHT (○)	21
21	SPARE	22
22	PINK	23
23	SHIFT SW	24
24	LT GRN-BLK (○)	25
25	BRN-WHT (○)	26
26	ENG. STOP SOL. VALVE	27
27	SPARE	28
28	PINK-BLK (○)	29
29	DK BLUE	30
30	YELL-BLK (○)	31
31	TRANSMISSION	32
32	SPEEDOMETER	33
33	TRANSMISSION	34
34	PURPLE-WHT (11)	SHIFT SOL. AIR CONT. VALVE
35	STARTER CIRCUIT	RED-WHT (○)
36	STOP LMP. SW. & ENG. COMPT. LP. SW	WHT
37	STOP LMP. LT	RED-BLK (○)
38	ENG. CONTROL SW	LT GRN-WHT (○)
39	STARTER CIRCUIT	DK GRN-WHT (○)
40	TRANSMISSION	ORN
41	HOT ENG	YELL
42	ENG. OIL PRESS. SW. RESISTOR	PURPLE
43	SPARE	RED-BLK (1)
44	SHIFT BUZZER	DK GRN
45	SPARE	TAN-BLK (○)
46	STOP LMP. SW	LT BLUE-BLK (○)
47	GEN. CIRCUIT	BRN
48	GROUND	DK BLUE
		BLK

ENGINE CLOSURE DOOR PLUG-☑

CIRCUIT	WIRE COLOR	TO
A	RS REAR DIRECT. LMP	PINK-BLK (○)
B	L'S REAR DIRECT. LMP	LT GRN-BLK (○)
C	TAIL & LIC. LAMPS	WHT-BLK (X)
D	SPARE	BLK
E	RHT. & LFT. REAR STOP LTS.	PURPLE-WHT (X)
F	BACKUP LMP	RED-BLK (X)
		STOP-LMP. RELAY

ENGINE COMPT APPARATUS BOX CIRCUIT BREAKERS

CIRCUIT	WIRE COLOR	FEED FROM	SIZE	TO
1	ENG. CONTROL SW	YELL-BLK (X)	BAT	8A
2	STOP LMP SW & ENG. COMPT. LMP SW	WHT	BAT	15A
3	TRAN-RLY & REAR START SW	BLK-WHT (X)	BAT	15A
4	STARTER MAG. SW	RED	BAT	30A
5	GEN. RELAY FEED	LT BLUE	BAT	40A
6				
7				
8				

ENGINE PLUG-○

CIRCUIT	WIRE COLOR	TO
A	GEN. FLD. TERM	TAN
B	GEN. CIRCUIT	DK GRN-WHT (X)
C	HOT ENG. CIRCUIT	YELL
D	STARTER CONTROL (FUEL PRESS. SW)	RED-WHT (X)
E	SPARE	YELL-BLK (11)
F	TRANS (FUEL PRESS SW.)	ORN
G	TRANS (FUEL PRESS SW.)	ORN
H	EMERG STOP SOL	BLK-WHT (11)
I	STARTER CONTROL (STARTER SOL)	PINK-BLK (○)

TRANSMISSION PLUG-□

CIRCUIT	WIRE COLOR	TO
A	SHIFT SW	ORN-WHT (○)
B	SHIFT SW	LT GRN-WHT (X)
C	SHIFT SW	DK BLUE
D	SHIFT SW	DK BLUE
E	SHIFT SW	DK BLUE
F	SHIFT SW	DK BLUE
G	SHIFT SW	DK BLUE
H	TRANS. RLY	DK GRN
I	TRANS. RLY	DK GRN

REAR DOOR JUNCTION-○

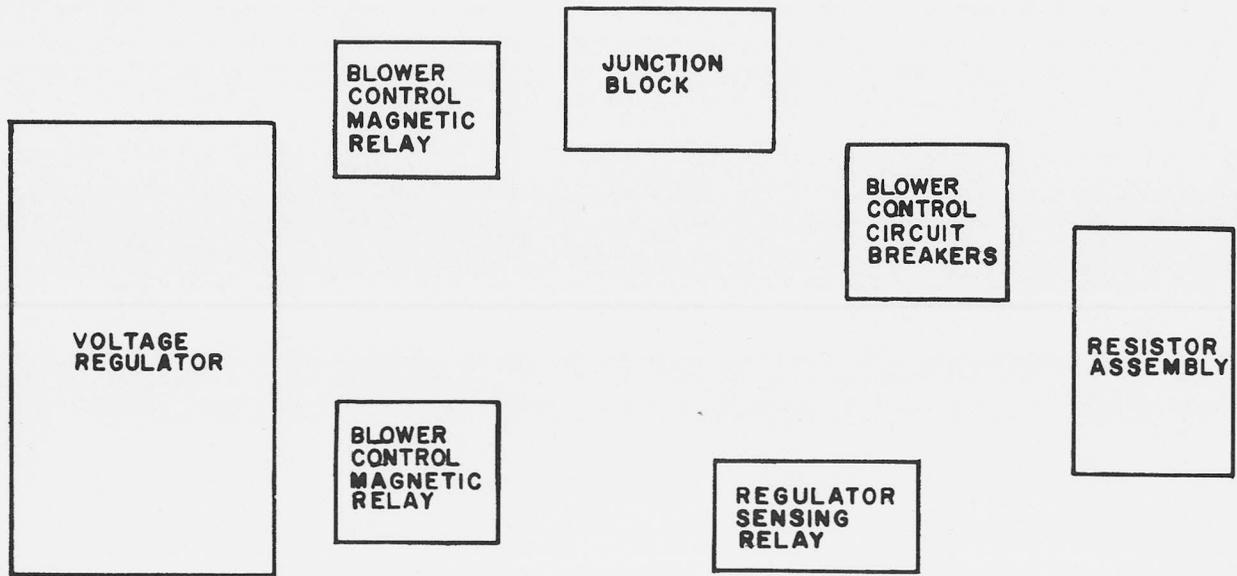
CIRCUIT	WIRE COLOR	TO
2	EXIT DOOR T.T.	BRN-WHT (○)
3	EXIT DOOR RLY	YELL-BLK (○)
4	SPARE	DK BLUE-WHT (○)
5	DOOR CONT SW	LT GRN
6	DOOR CONTROL	ORN-BLK (X)
7	BW AIR DRIER	PURPLE
8	DOOR CONT. RELAY	LT BLUE-BLK (○)
9	DOOR CONTROL	WHT
10	DOOR CONTROL	TAN-BLK (11)
11	DOOR CONTROL	WHT-BLK (○)
12	INTER. MKR. & REAR STEP	ORN
13	EXIT DOOR SW	BLK
14	GROUND	PINK-BLK (○)
15	SPARE	WHT-BLK (11)
16	SPARE TO FAT. DOOR	WHT-BLK (11)

SERVICE DETERMINATION/8  
 X SERVICE SUBJECT PART #  
 Y NOT SERVICED - LINE  
 Z GEAR REPLACED  
 FIELD INSPECTED BY

DATE	APPROVED BY	REVISIONS	DATE	BY	REASON
5/20/47	[Signature]	1	7/24/47	[Signature]	

POUR	POUR	POUR	MANUFACTURE
BOARDS	BARE METAL	FINISHED	
APPROVED BY	DATE	DO NOT SCALE DRAWINGS	
TOLERANCES UNLESS OTHERWISE SPECIFIED			
ALL DIMS PLACE DECIMALS &			
ALL TWO PLACE DECIMALS &			
DATE	SCALE	BY	CHKD
4-19-73		[Signature]	[Signature]
78H-5307A		[Signature]	
MD-10185			
YC-201007-551			

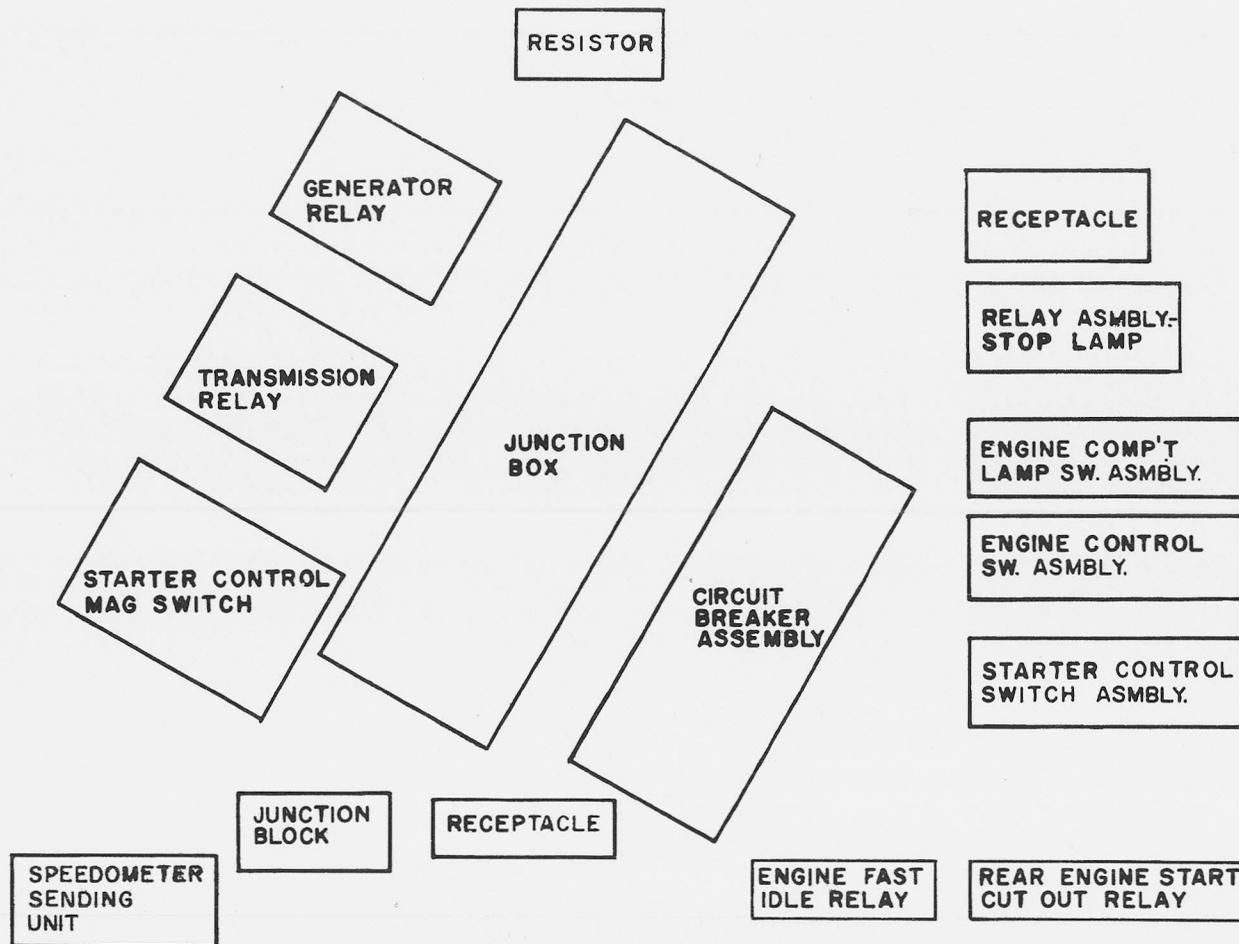
REAR END STANDARD WIRING TABULATION  
 MD-11527



REGULATOR & BLOWER CONTROL  
PANEL LOCATION DIAGRAM

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SK.-E.D.-1  
D.B. 8-9-74



**ENGINE COMPARTMENT APPARATUS  
BOX LOCATION DIAGRAM**

SK-E.D.-2  
D.B. 8-9-74



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