TO: ALL HOLDERS OF FUEL CONTROL MODULE ASSEMBLY COMPONENT MAINTENANCE MANUAL 76-11-52

REVISION NO. 4 DATED NOV 01/01

HIGHLIGHTS

Pages which have been added or revised are outlined below together with the highlights of the revision. Remove and insert the affected pages as listed and enter Revision No. and date on the Record of Revision Sheet.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
128-129,136-137, 140-141 1002,1004-1017	Updated schematic diagrams and IPL per the latest engineering.

BOEING

COMPONENT
MAINTENANCE MANUAL

ENGINE FUEL CONTROL MODULE ASSEMBLY

PART NUMBER 253T5900-23,-24,-31,-32,-35,-36, -38,-49 THRU -52,-62

COMPONENT MAINTENANCE MANUAL
WITH
ILLUSTRATED PARTS LIST

181377

REVISION RECORD

- Retain this record in front of manual. On receipt of revision, insert revised pages in the manual, and enter revision number, date inserted and initial.

REVISION NUMBER	REVISION DATE	DATE FILED	BY	REVISION NUMBER	REVISION DATE	DATE FILED	BY

TEMPORARY REVISION AND SERVICE BULLETIN RECORD

BOEING SERVICE BULLETIN	BOEING TEMPORARY REVISION	OTHER DIRECTIVE	DATE OF INCORPORATION INTO MANUAL
		PRR B11110	JUL 10/85
		PRR B11110-2	JUL 10/85
		PRR C12526	JUL 10/85
		PRR B11749-1	JUL 01/88
		MC7323MP6001	JAN 01/89

PAGE	DATE	CODE
76-11-52		
TITLE PAGE		
1	JAN 01/89	01.1
2	BLANK	
REVISION RECORD		
1	OCT 01/87	01
2	BLANK	
TR & SB RECORD		
1	JAN 01/89	01.1
2	BLANK	
LIST OF EFFECTIVE PAGES		
*1	NOV 01/01	01
THRU LAST PAGE		
CONTENTS		
1	OCT 01/87	01
2	BLANK	
INTRODUCTION		
1	OCT 01/87	01
2	BLANK	
DESCRIPTION & OPERATION		
1	OCT 01/87	01
2	BLANK	
TESTING & TROUBLE SHOOTING		
101	JAN 01/89	01.1
102	JAN 01/89	01.1
103	JAN 01/89	01.1
104	JAN 01/89	01.1
105	JAN 01/89	01.1
106	JAN 01/89	01.1
107	JAN 01/89	01.1
108	JAN 01/89	01.1
109	JAN 01/89	01.1
110	JAN 01/89	01.1
111	JAN 01/89	01.1

PAGE	DATE	CODE
TESTING & TROUBLE SHOOTING		CONT.
112	JAN 01/89	01.1
113	JAN 01/89	01.1
114	JAN 01/89	01.1
115	JAN 01/89	01.1
116	JAN 01/89	01.1
117	JAN 01/89	01.1
118	BLANK	
119	BLANK	
120	JAN 01/89	01.101
121	JAN 01/89	01.101
122	BLANK	
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124	JAN 01/89	01.101
125	JAN 01/89	01.101
126	BLANK	
127	BLANK	
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133	JAN 01/89	01.1
134	BLANK	
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*136	NOV 01/01	01.1
*137	NOV 01/01	01.1
138	BLANK	
139	BLANK	
*140	NOV 01/01	01.1
*141	NOV 01/01	01.1
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ILLUSTRATED PARTS LIST		
1001	OCT 01/87	01
*1002	NOV 01/01	01.1
*1003	NOV 01/01	01.1
*1004	NOV 01/01	01.1
*1005	NOV 01/01	01.1
*1006	NOV 01/01	01.1
*1007	NOV 01/01	01.1
*1008	NOV 01/01	01.1
*1009	NOV 01/01	01.1

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PAGE	DATE	CODE
ILLUSTRATED PARTS LIST		CONT.
*1010	NOV 01/01	01.1
*1011	NOV 01/01	01.1
*1012	NOV 01/01	01.1
*1013	NOV 01/01	01.1
*1014	NOV 01/01	01.1
*1015	NOV 01/01	01.1
*1016	NOV 01/01	01.1
*1017	NOV 01/01	01.1
*1018	BLANK	

PAGE	DATE	CODE

* = REVISED, ADDED OR DELETED

TABLE OF CONTENTS

*[1] Use applicable procedures in 20—11—04 and standard industry practices.

*[2] Special instructions not required.

INTRODUCTION

The instructions in this manual provide the information necessary to perform maintenance functions including test, fault isolation, and replacement of defective components.

This manual is divided into separate sections:

1. Title Page
2. Record of Revisions
3. Temporary Revision & Service Bulletin Record
4. List of Effective Pages
5. Table of Contents
6. Introduction
7. Procedures & IPL Sections

Refer to the Table of Contents for the page location of applicable sections. An asterisked flagnote *[ ] in place of the page number indicates that no special instructions are provided since the function can be performed using standard industry practices.

An explanation of the use of the Illustrated Parts List is provided in the Introduction to that section.

All weights and measurements used in the manual are in English units, unless otherwise stated. When metric equivalents are given they will be in parentheses following the English units.

Design changes, optional parts, configuration differences and Service Bulletin modifications create alternate part numbers. These are identified in the Illustrated Parts List (IPL) by adding an alphabetical character to the basic item number. The resulting item number is called an alpha-variant. Throughout the manual, IPL basic item number references also apply to alpha-variants unless otherwise indicated.

Verification:

Testing/TS: Aug 26, 1985

ENGINE FUEL CONTROL MODULE ASSEMBLY

DESCRIPTION AND OPERATION

1. The engine fuel control module assembly contains switches and indicators in the engine and fuel control systems. The fuel control switches contain red indicators in the toggle heads. The unit contains wire bundles for the left and right engine components. Each wire bundle terminates in a sleeved cable with a connector for mating with the airplane wire bundles.

TESTING AND TROUBLE SHOOTING

1. Test Equipment

   A. Power Supply: 28 ±2 volts dc, 0.5 amp

   B. Power Supply: 5 volts ac or dc, 0.5 amp

   C. Multimeter: Simpson 260 or equivalent

   D. Test Connectors: BACC45FT18C31P and BACC45FT18C31P7 (Boeing breakout box A33003-2 with cables A33003-219 and -220 may be used).

2. Functional Test

   A. Connect BACC45FT18C31P (mates with P8) to cable A33003-219. Connect BACC45FT18C31P7 (mates with P9) to cable A33003-220.

   B. Refer to Fig. 101 for component locations.

   C. Definitions

      (1) Continuity - 3 ohms max

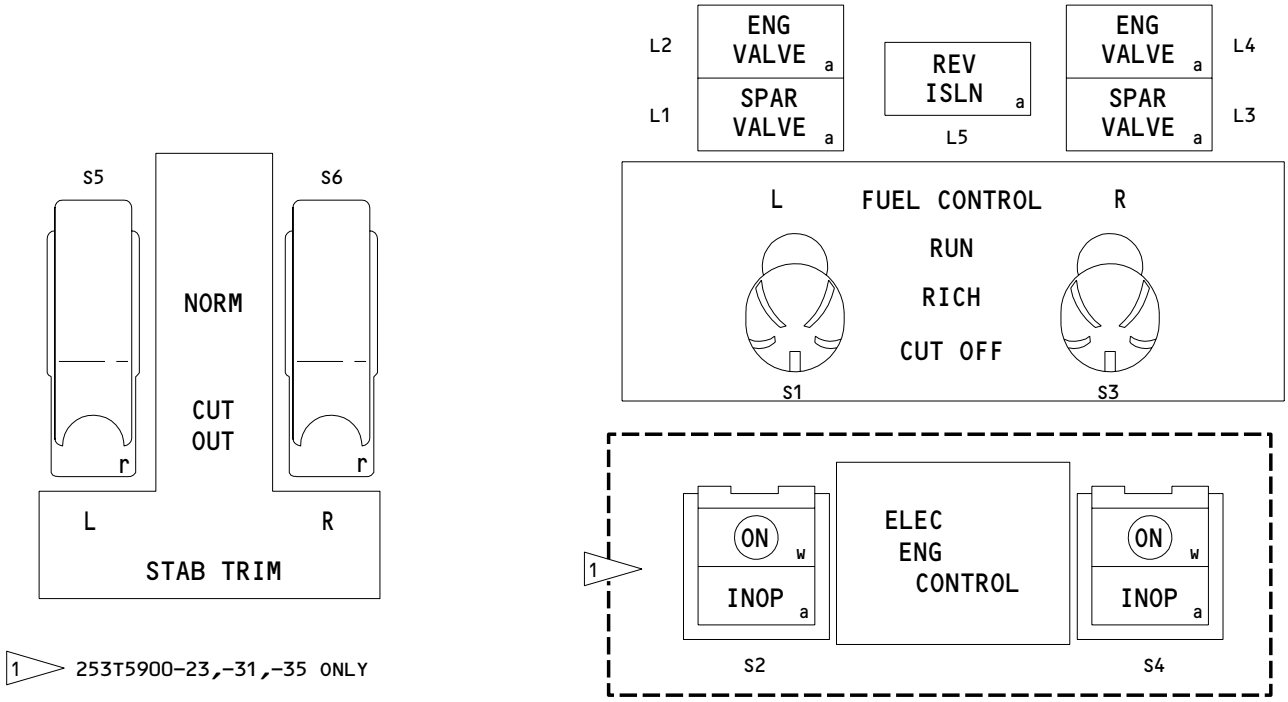
      (2) Open - open circuit

   D. Perform test steps listed as follows:

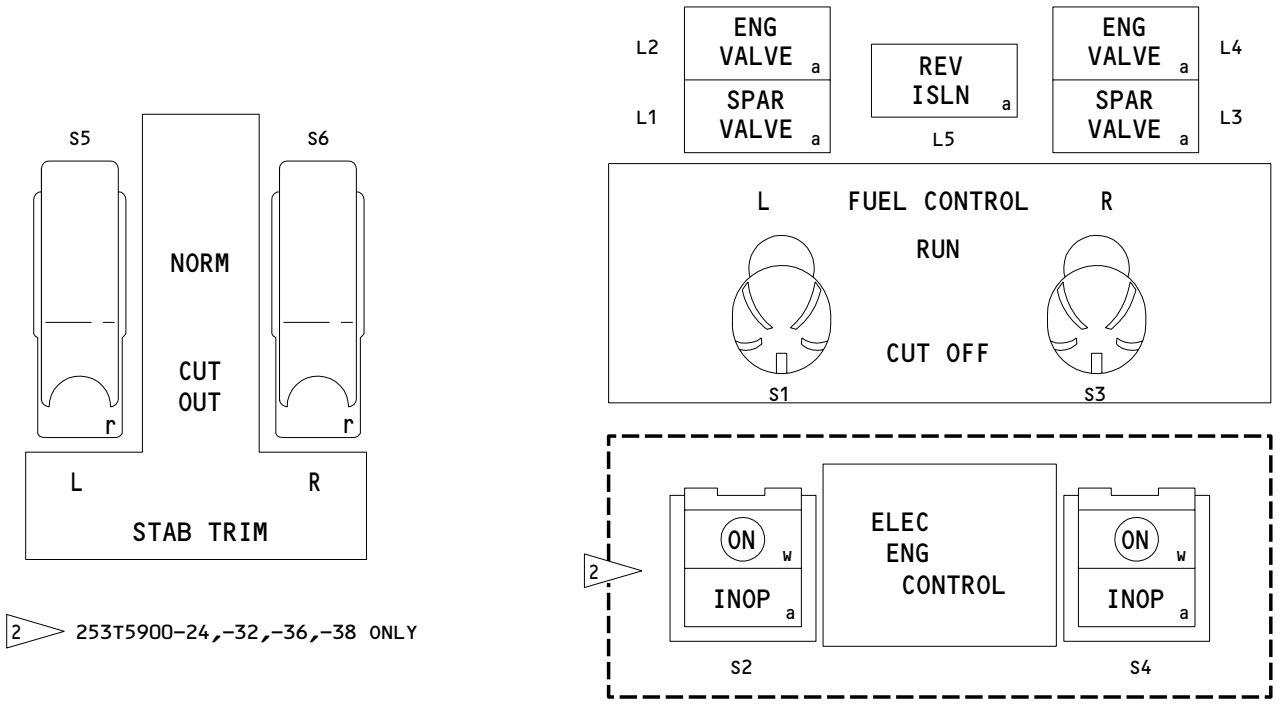
      (1) 253T5900-23, -31, -35 per Fig. 102

      (2) 253T5900-24, -32, -36, -38 per Fig. 103

      (3) 253T5900-49, -50, -51, -52, -62 per Fig. 103A



253T5900-23,-31,-35,-49



253T5900-24,-32,-36,-38,-50 THRU -52,-62
Component Locations
Figure 101

TEST PROCEDURE	REQUIRED RESULTS		COMPONENT TESTED
	Continuity	Open	
S2 - L EEC CONT - off	P8-17 to P8-18 P8-21 to P8-22	P8-19 to P8-20	S2
S4 - R EEC CONT - off	P9-17 to P9-18 P9-21 to P9-22	P9-19 to P9-20	S4
S2 - L EEC CONT - on	P8-19 to P8-20	P8-17 to P8-18 P8-21 to P8-22	S2
S4 - R EEC CONT - on	P9-19 to P9-20	P9-17 to P9-18 P9-21 to P9-22	S4
S1 - L FUEL CONT - CUTOFF	P8-7 to P8-9 P8-11 to P8-12	P8-5 to P8-7 P8-7 to P8-10 P8-11 to P8-13	S1
S3 - R FUEL CONT - CUTOFF	P9-7 to P9-9 P9-11 to P9-12	P9-5 to P9-7 P9-7 to P9-10 P9-11 to P9-13	S3
S1 - L FUEL CONT - RICH	P8-7 to P8-10 P8-11 to P8-13	P8-7 to P8-5 P8-7 to P8-9 P8-11 to P8-12	S1
S3 - R FUEL CONT - RICH	P9-7 to P9-10 P9-11 to P9-13	P9-7 to P9-5 P9-7 to P9-9 P9-11 to P9-12	S3
S1 - L FUEL CONT - RUN	P8-7 to P8-5 P8-7 to P8-10 P8-11 to P8-13	P8-7 to P8-9 P8-11 to P8-12	S1
S3 - R FUEL CONT - RUN	P9-7 to P9-5 P9-7 to P9-10 P9-11 to P9-13	P9-7 to P9-9 P9-11 to P9-12	S3

253T5900-23, -31, -35
Functional Test
Figure 102 (Sheet 1)

TEST PROCEDURE	REQUIRED RESULTS		COMPONENT TESTED
S5 - L STAB TRIM - CUTOUT (TOGGLE DOWN)	P8-25 to P8-26	P8-26 to P8-27	S5
S6 - R STAB TRIM - CUTOUT (TOGGLE DOWN)	P9-23 to P9-24	P9-24 to P9-25	S6
S5 - L STAB TRIM - NORM (TOGGLE UP)	P8-26 to P8-27	P8-25 to P8-26	S5
S6 - R STAB TRIM - NORM (TOGGLE UP)	P9-24 to P9-25	P9-23 to P9-24	S6

253T5900-23, -31, -35
Functional Test
Figure 102 (Sheet 2)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Apply +28v dc and ground as specified below.	Both lamps must be on and bright.	
Connect P8-3 to +28v dc Ground one pin at a time:		
P8-15	L1 SPAR VALVE on	L1,K1
P8-23	L1 SPAR VALVE on	L1
P8-24	L2 ENG VALVE on	L2
P8-6	S1 lamp on (red)	S1 lamp
P8-4	L1 SPAR VALVE, L2 ENG VALVE, S2 INOP on	L1,L2,S2
Set S2 to off:		
P8-16	S2 INOP off	S2
P8-8	S2 INOP on	S2
Set S2 to on:		
P8-16	S2 INOP on	S2
P8-8	S2 INOP off	S2
Remove +28v dc and ground connections. Set S2 to off.		
Apply +28v dc and ground as specified below.		
Ground P8-3. Apply +28v dc momentarily to one pin at a time.		
P8-4	All lamps off.	L1,L2,S2
P8-24	All lamps off.	L2
P8-8, S2 off	All lamps off.	S2
P8-23	All lamps off.	L1
Remove +28v dc and ground connections.		

253T5900-23, -31, -35
Functional Test
Figure 102 (Sheet 3)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Connect P9-3 to +28v dc. Ground one pin at a time:		
P9-28	L5 REV ISLN on	L5
P9-15	L3 SPAR VALVE on	L3,K2
P9-27	L3 SPAR VALVE on	L3
P9-26	L4 ENG VALVE on	L4
P9-6	S3 light on (red)	S3 lamp
P9-4	L3 SPAR VALVE,L4 ENG VALVE, S4 INOP, L5 REV ISLN on.	L3,L4,L5,S4 L3,L4,L5,S4
Set S4 to off:		
P9-16	S4 INOP off	S4
P9-8	S4 INOP on	S4
Set S4 to on:		
P9-16	S4 INOP on	S4
P9-8	S4 INOP off	S4
Remove +28v dc and ground connections. Set S4 to off.		
Apply +28v dc and ground as specified below.		
Ground P9-3. Apply +28v dc momentarily to one pin at a time.		
P9-4	All lamps off.	L3,L4,S4,L5
P9-28	All lamps off.	L5
P9-8, S4 off	All lamps off.	S4
P9-27	All lamps off.	L3
Remove +28v dc and ground connections.		
Apply 28v dc to P8-3; Ground P8-15.	L1 SPAR VALVE on	K1,L1

253T5900-23, -31, -35
Functional Test
Figure 102 (Sheet 4)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Apply a second 28v dc signal to P8-14.	L1 SPAR VALVE off	K1
Remove 28v dc and ground connections.		
Apply a 28v dc signal to P9-3; Ground P9-15.	L3 SPAR VALVE on	K2,L3
Apply a second 28v dc signal to P9-14.	L3 SPAR VALVE off	K2
Remove 28v dc and ground connections.		
Set S2 to on:		
Apply 5v ac to P8-1		
Ground P8-2	S2 ON on	S2
Set S2 to off	S2 ON off	S2
Set S4 to on:		
Apply 5v ac to P9-1		
Ground P9-2	S4 ON on	S4
Set S4 to off	S4 ON off	S4
Remove all connections. Set all switch lights to off position.		

253T5900-23, -31, -35
Functional Test
Figure 102 (Sheet 5)

TEST PROCEDURE	REQUIRED RESULTS		COMPONENT TESTED
	Continuity	Open	
S2 - L EEC CONT - off	P8-19 to P8-20 P8-21 to P8-22 P8-17 to P8-18 (253T5900-38 only)	P8-19 to P8-16	S2
S4 - R EEC CONT - off	P9-19 to P9-20 P9-21 to P9-22 P9-17 to P9-18 (253T5900-38 only)	P9-19 to P9-16	S4
S2 - L EEC CONT - on	P8-19 to P8-16	P8-19 to P8-20 P8-21 to P8-22 (253T5900-38 only) P8-17 to P8-18	S2
S4 - R EEC CONT - on	P9-19 to 9-16	P9-19 to P9-20 P9-21 to P9-22 (253T5900-38 only) P9-17 to P9-18	S4
S1 - L FUEL CONT - CUTOFF	P8-7 to P8-5 P8-10 to P8-8 P8-10 to P8-9 P8-11 to P8-12	P8-7 to P8-8 P8-7 to P8-9 P8-10 to P8-5 P8-11 to P8-13	S1
S3 - R FUEL CONT - CUTOFF	P9-7 to P9-5 P9-10 to P9-8 P9-10 to P9-9 P9-11 to P9-12	P9-7 to P9-8 P9-7 to P9-9 P9-10 to P9-5 P9-11 to P9-13	S3

253T5900-24, -32, -36, -38
Functional Test
Figure 103 (Sheet 1)

TEST PROCEDURE	REQUIRED RESULTS		COMPONENT TESTED
S1 - L FUEL CONT - RUN	P8-7 to P8-8 P8-7 to P8-9 P8-10 to P8-5 P8-11 to P8-13	P8-7 to P8-5 P8-10 to P8-8 P8-10 to P8-9 P8-11 to P8-12	S1
S3 - R FUEL CONT - RUN	P9-7 to P9-8 P9-7 to P9-9 P9-10 to P9-5 P9-11 to P9-13	P9-7 to P9-5 P9-10 to P9-8 P9-10 to P9-9 P9-11 to P9-12	S3
S5 - L. STAB TRIM - CUTOUT (TOGGLE DOWN)	P8-25 to P8-26	P8-26 to P8-27	S5
S6 - R. STAB TRIM - CUTOUT (TOGGLE DOWN)	P9-23 to P9-24	P9-24 to P9-25	S6
S5 - L. STAB TRIM - NORM (TOGGLE UP)	P8-26 to P8-27	P8-25 to P8-26	S5
S6 - R. STAB TRIM - NORM (TOGGLE UP)	P9-24 TO P9-25	P9-23 to P9-24	S6
Apply +28v dc and ground as specified below.			
Connect P8-3 to 28v dc. Ground one pin at a time			
P8-15	L1 SPAR VALVE on		L1,K1
P8-23	L1 SPAR VALVE on		L1
P8-24	L2 ENG VALVE on		L2
P8-6	S1 lamp on (red)		S1 lamp
P8-19	S2 INOP on		S2
P8-4	L1 SPAR VALVE, L2 ENG VALVE, S2 INOP on		L1,L2,S2

253T5900-24, -32, -36, -38
Functional Test
Figure 103 (Sheet 2)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Set S2 to off:		
P8-16	S2 INOP off	S2
P8-20	S2 INOP on	S2
Set S2 to on:		
P8-16	S2 INOP on	S2
P8-20	S2 INOP off	S2
Remove +28v dc and ground connections.		
Apply ground and +28v dc as specified below.		
Ground P8-3. Apply 28v dc momentarily to one pin at a time:		
P8-4	All lamps off.	L1,L2,S2
P8-24	All lamps off.	L2
P8-19	All lamps off.	S2
P8-23	All lamps off.	L1
Remove +28v dc and ground connections.		
Connect P9-3 to +28v dc. Ground one pin at a time:		
P9-19	S4 INOP on	S4
P9-28	L5 REV ISLN on	L5
P9-26	L4 ENG VALVE on	L4
P9-15	L3 SPAR VALVE on	L3,K2
P9-6	S3 lamp on (red)	S3 lamp
P9-4	L3 SPAR VALVE, L4 ENG VALVE,S4 INOP, L5 REV ISLN on	L3,L4,S4,L5
P9-27	L3 SPAR VALVE on	L3
Set S4 to off:		
P9-20	S4 INOP on	S4
P9-16	S4 INOP off	S4

253T5900-24, -32, -36, -38
Functional Test
Figure 103 (Sheet 3)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Set S4 to on:		
P9-20	S4 INOP off	S4
P9-16	S4 INOP on	S4
Remove +28v dc and ground connections.		
Apply ground and +28v dc as specified below.		
Ground P9-3. Apply +28v dc momentarily to one pin at a time.		
P9-4	All lamps off.	L3,S4,L4,L5
P9-26	All lamps off.	L4
P9-27	All lamps off.	L3
P9-28	All lamps off.	L5
P9-19	All lamps off.	S4
Remove +28v dc and ground connections.		
Apply 28v dc to P8-3. Ground P8-15.	L1 SPAR VALVE on	K1,L1
Apply a second +28v dc signal to P8-14.	L1 SPAR VALVE off	K1
Remove +28v dc and ground connections.		

253T5900-24, -32, -36, -38
Functional Test
Figure 103 (Sheet 4)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Apply 28v dc signal to P9-3. Ground P9-15.	L3 SPAR VALVE on	L3,K2
Apply a second +28v dc signal to P9-14.	L3 SPAR VALVE off	K2
Remove +28v dc and ground connections.		
Set S2 to on: Apply 5v ac to P8-1.		
Ground P8-2	S2 ON on	S2
Set S2 to off	S2 ON off	S2
Set S4 to on: Ground P9-2	S4 ON on	S4
Set S4 to off	S4 ON off	S4
Remove all connections. Set all switch lights to off position.		

253T5900-24,- 32, -36, -38
Functional Test
Figure 103 (Sheet 5)

TEST PROCEDURE	REQUIRED RESULTS		COMPONENT TESTED
253T5900-49 only:	Continuity	Open	
S1-L FUEL CONT - CUTOFF	P8-7 to P8-9 P8-11 to P8-12	P8-5 to P8-7 P8-7 to P8-10 P8-11 to P8-13	S1
S3-R FUEL CONT - CUTOFF	P9-7 to P9-9 P9-11 to P9-12	P9-5 to P9-7 P9-7 to P9-10 P9-11 to P9-13	S3
S1-L FUEL CONT - RICH	P8-7 to P8-10 P8-11 to P8-13	P8-7 to P8-5 P8-7 to P8-9 P8-11 to P8-12	S1
S3-R FUEL CONT - RICH	P9-7 to P9-10 P9-11 to P9-13	P9-7 to P9-5 P9-7 to P9-9 P9-11 to P9-12	S3
S1-L FUEL CONT - RUN	P8-5 to P8-7 P8-7 to P8-10 P8-11 to P8-13	P8-7 to P8-9 P8-11 to P8-12	S1
S3-R FUEL CONT - RUN	P9-5 to P9-7 P9-7 to P9-10 P9-11 to P9-13	P9-7 to P9-9 P9-11 to P9-12	S3
253T5900-50,-51 only:	Continuity	Open	
S1-L FUEL CONT - CUTOFF	P8-5 to P8-7 P8-8 to P8-10 P8-9 to P8-10 P8-11 to P8-12	P8-7 to P8-8 P8-7 to P8-9 P8-5 to P8-10 P8-11 to P8-13	S1
S3-R FUEL CONT - CUTOFF	P9-5 to P9-7 P9-8 to P9-10 P9-9 to P9-10 P9-11 to P9-12	P9-7 to P9-8 P9-7 to P9-9 P9-5 to P9-10 P9-11 to P9-13	S3
S1-L FUEL CONT - RUN	P8-7 to P8-8 P8-7 to P8-9 P8-5 to P8-10 P8-11 to P8-13	P8-5 to P8-7 P8-8 to P8-10 P8-9 to P8-10 P8-11 to P8-12	S1

253T5900-49, -50, -51, -52, -62
Functional Test
Figure 103A (Sheet 1)

TEST PROCEDURE	REQUIRED RESULTS		COMPONENT TESTED
S3-R FUEL CONT - RUN	P9-7 to P9-8	P9-5 to P9-7	S3
	P9-7 to P9-9	P9-8 to P9-10	
	P9-5 to P9-10	P9-9 to P9-10	
	P9-11 to P9-13	P9-11 to P9-12	
253T5900-52 only:	Continuity	Open	
S1-L FUEL CONT - CUTOFF	P8-7 to P8-9	P8-5 to P8-7	S1
	P8-11 to P8-12	P8-11 to P8-13	
	P8-10 to P8-31	P8-30 to P8-31	
S3-R FUEL CONT - CUTOFF	P9-7 to P9-9	P9-5 to P9-7	S3
	P9-11 to P9-12	P9-11 to P9-13	
	P9-10 to P9-31	P9-30 to P9-31	
S1-L FUEL CONT - RUN	P8-5 to P8-7	P8-7 to P8-9	S1
	P8-11 to P8-13	P8-11 to P8-12	
	P8-30 to P8-31	P8-10 to P8-31	
S3-R FUEL CONT - RUN	P9-5 to P9-7	P9-7 to P9-9	S3
	P9-11 to P9-13	P9-11 to P9-12	
	P9-30 to P9-31	P9-10 to P9-31	
253T5900-62 only:			
S1-L FUEL CONT - CUTOFF	P8-8 to P8-18	P8-8 to P8-7	S1
	P8-17 to P8-9	P8-17 to P8-5	
	P8-11 to P8-12	P8-11 to P8-13	
S3-R FUEL CONT - CUTOFF	P9-10 to P9-9	P9-10 to P9-5	S3
	P9-17 to P9-18	P9-17 to P9-7	
	P9-14 to P9-12	P9-14 to P9-13	
S1-L FUEL CONT - RUN	P8-8 to P8-7	P8-8 to P8-18	S1
	P8-17 to P8-5	P8-17 to P8-9	
	P8-11 to P8-13	P8-11 to P8-12	
S3-R FUEL CONT - RUN	P9-10 to P9-5	P9-10 to P9-9	S3
	P9-17 to P9-7	P9-17 to P9-18	
	P9-14 to P9-13	P9-14 to P9-12	

253T5900-49, -50, -51, -52, -62
Functional Test
Figure 103A (Sheet 2)

TEST PROCEDURE	REQUIRED RESULTS		COMPONENT TESTED
All assemblies:			
S5-L STAB TRIM - CUTOUT (TOGGLE DOWN)	P8-25 to P8-26	P8-26 to P8-27	S5
S6-R STAB TRIM - CUTOUT (TOGGLE DOWN)	P9-23 to P9-24	P9-24 to P9-25	S6
S5-L STAB TRIM - NORM (TOGGLE UP)	P8-26 to P8-27	P8-25 to P8-26	S5
S6-R STAB TRIM - NORM (TOGGLE UP)	P9-24 to P9-25	P9-23 to P9-24	S6
Connect P8-3 to +28v dc. Ground one pin at a time:			
P8-15	L1 SPAR VALVE on		L1,K1
P8-23	L1 SPAR VALVE on		L1
P8-24	L2 ENG VALVE on		L2
P8-6	S1 lamp on (red)		S1 lamp
P8-4	L1 SPAR VALVE, L2 ENG VALVE on		L1, L2
Remove +28v dc and ground connections.			
Apply +28v dc and ground as specified below.			
Ground P8-3. Apply +28v dc momentarily to one pin at a time:			
P8-4	All lamps off		L1,L2
P8-24	All lamps off		L2
P8-23	All lamps off		L1
Remove +28v dc and ground connections.			

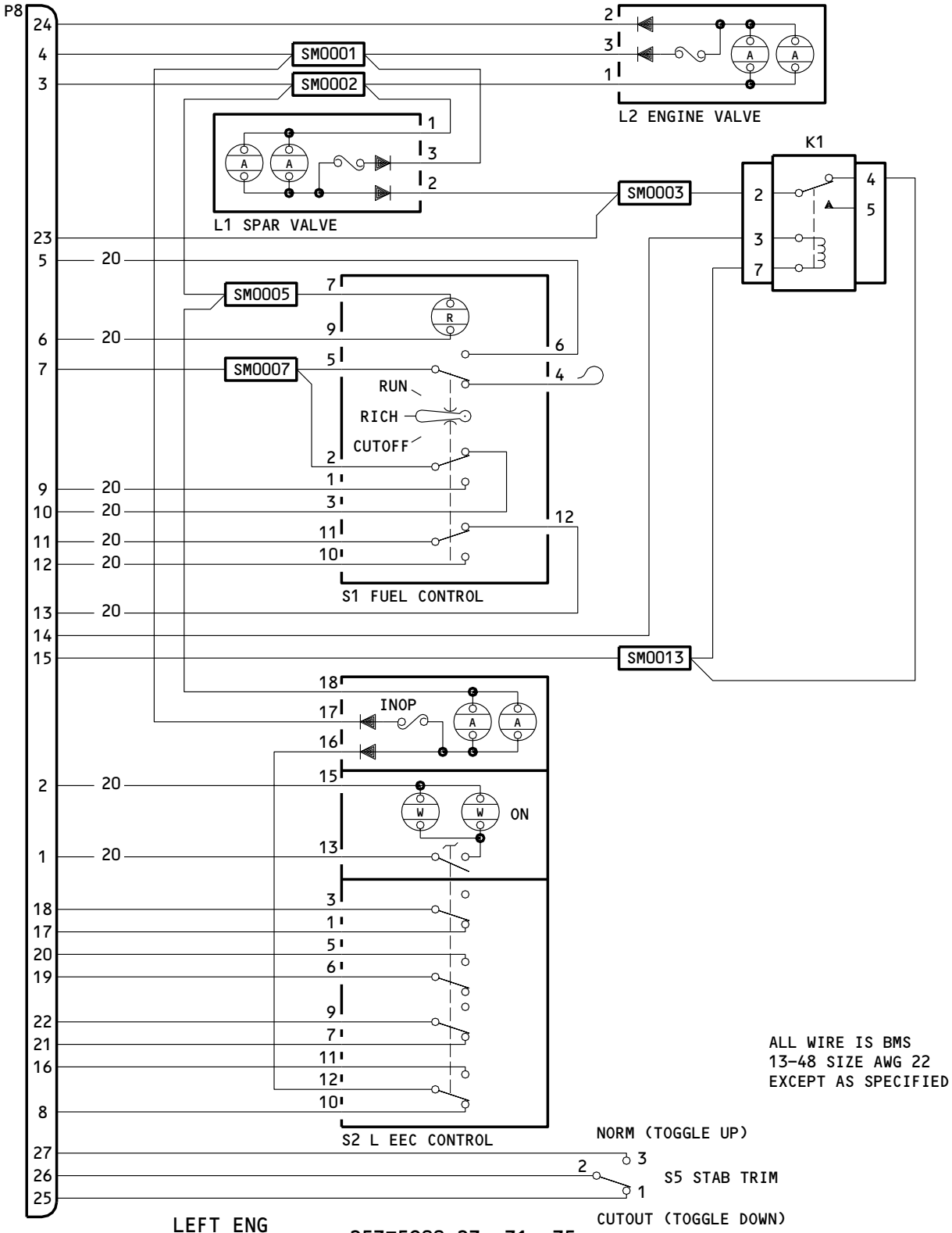
253T5900-49, -50, -51, -52, -62
Functional Test
Figure 103A (Sheet 3)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Connect P9-3 to +28v dc.		
Ground one pin at a time:		
P9-28	L5 REV ISLN on	L5
P9-15	L3 SPAR VALVE on	L3,K2
P9-27	L3 SPAR VALVE on	L3
P9-26	L4 ENG VALVE on	L4
P9-6	S3 light on (red)	S3 lamp
P9-4	L3 SPAR VALVE, L4 ENG VALVE, L5 REV ISLN on	L3,L4, L5
Remove +28v dc and ground connections.		
Apply +28v dc and ground as specified below.		
Ground P9-3. Apply +28v dc momentarily to one pin at a time:		
P9-4	All lamps off	L3,L4,L5
P9-28	All lamps off	L5
P9-27	All lamps off	S3
P9-26	All lamps off	L4
Remove +28v dc and ground connections.		
Apply +28v dc to P8-3 and ground P8-15.	L1 SPAR VALVE on	K1,L1
Apply a second +28v dc to P8-14.	L1 SPAR VALVE off	K1
Remove +28v dc and ground connections.		

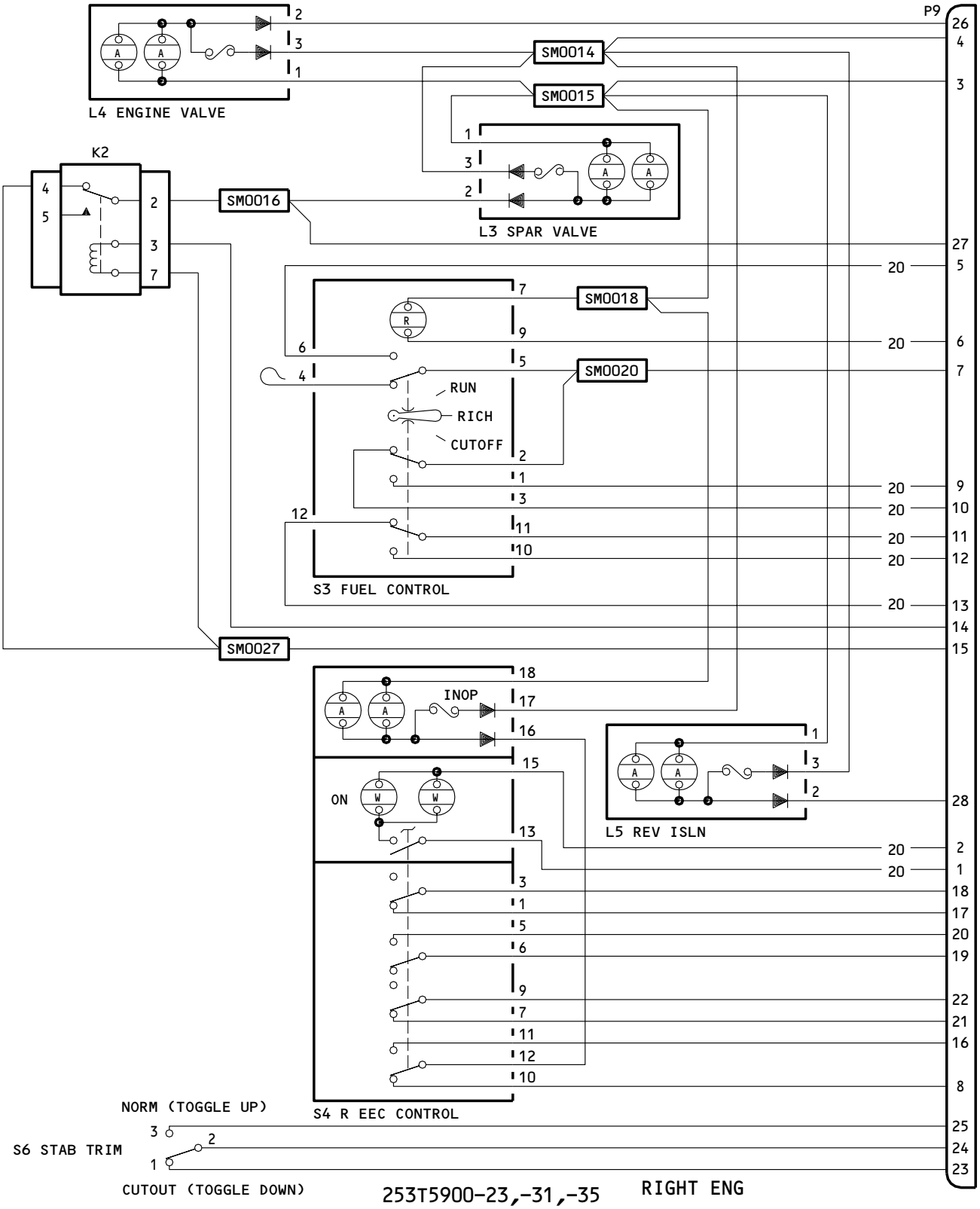
253T5900-49, -50, -51, -52, -62
Functional Test
Figure 103A (Sheet 4)

TEST PROCEDURE	REQUIRED RESULTS	COMPONENT TESTED
Apply +28v dc to P9-3 and ground P9-15.	L3 SPAR VALVE on	K2,L3
All assemblies except 253T5900-62:		
Apply a second +28v dc to P9-14.	L3 SPAR VALVE off	K2
253T5900-62 only:		
Apply a second +28v dc to P9-11.	L3 SPAR VALVE off	K2
All assemblies:		
Remove all connections.		
Set all switch lights to off positions.		

253T5900-49, -50, -51, -52, -62
Functional Test
Figure 103A (Sheet 5)

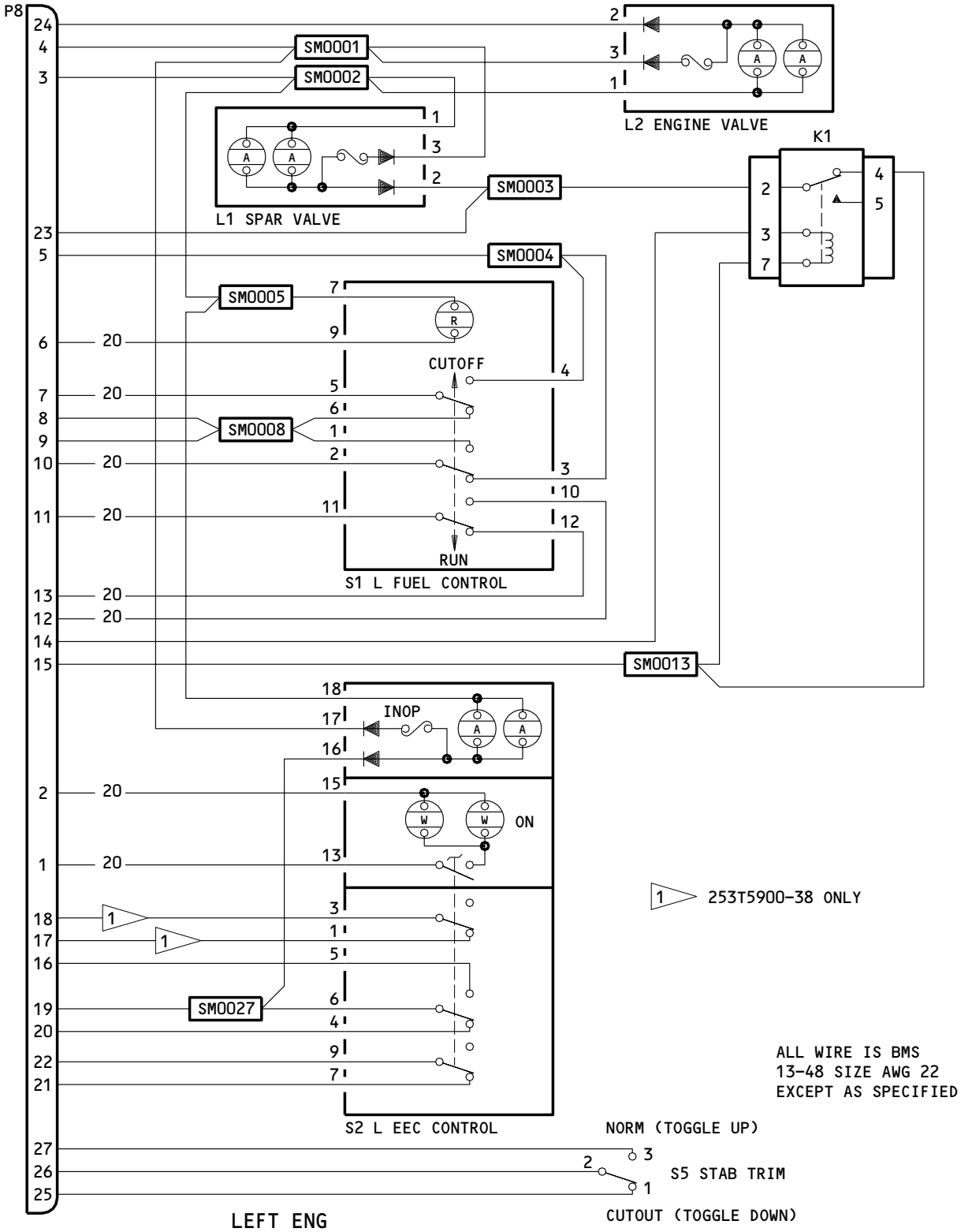


253T5900-23,-31,-35
Schematic Diagram
Figure 104 (Sheet 1)



253T5900-23,-31,-35

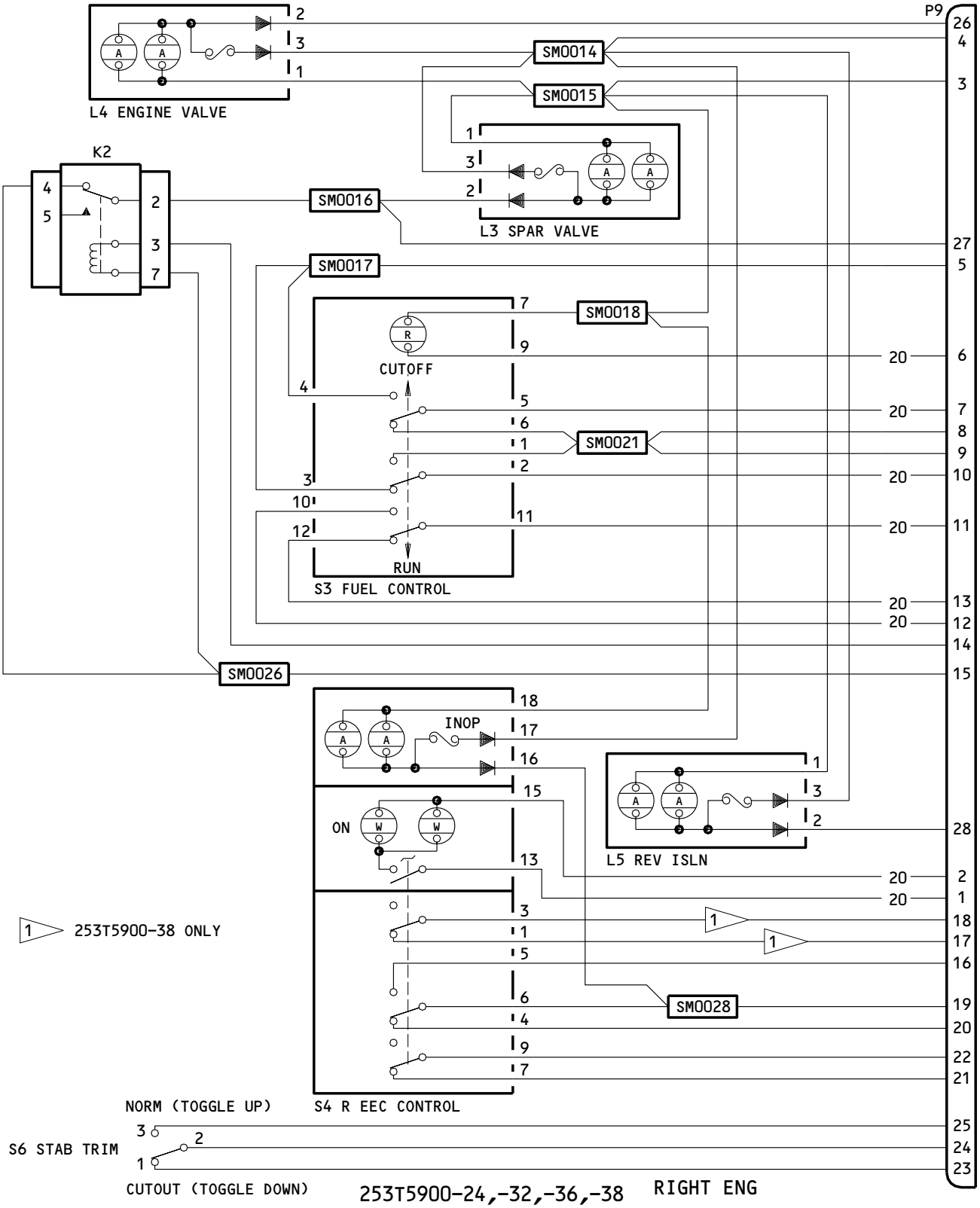
Schematic Diagram
Figure 104 (Sheet 2)



253T5900-24,-32,-36,-38

Schematic Diagram
Figure 105 (Sheet 1)

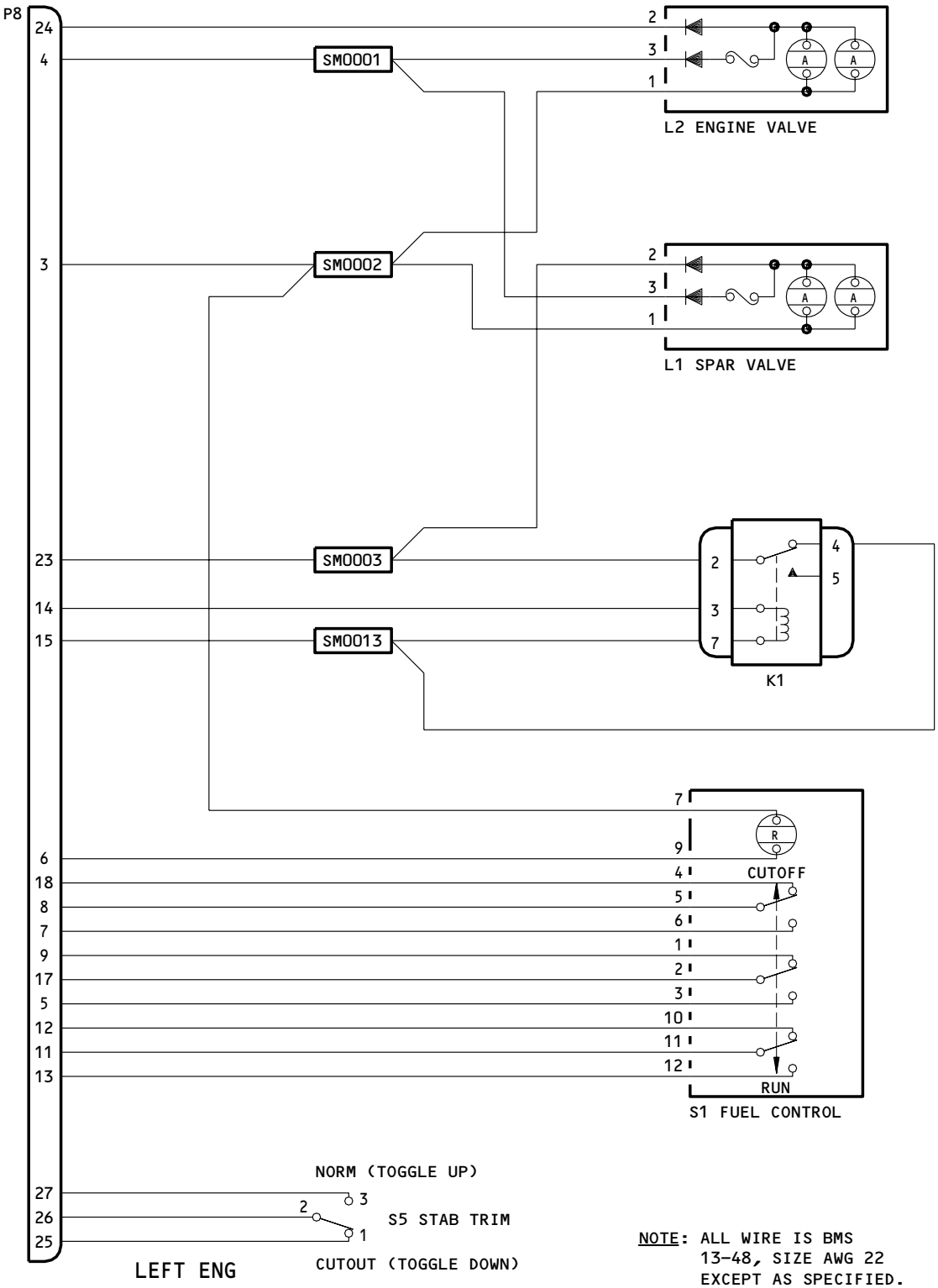
177003



253T5900-24,-32,-36,-38 RIGHT ENG

Schematic Diagram
Figure 105 (Sheet 2)

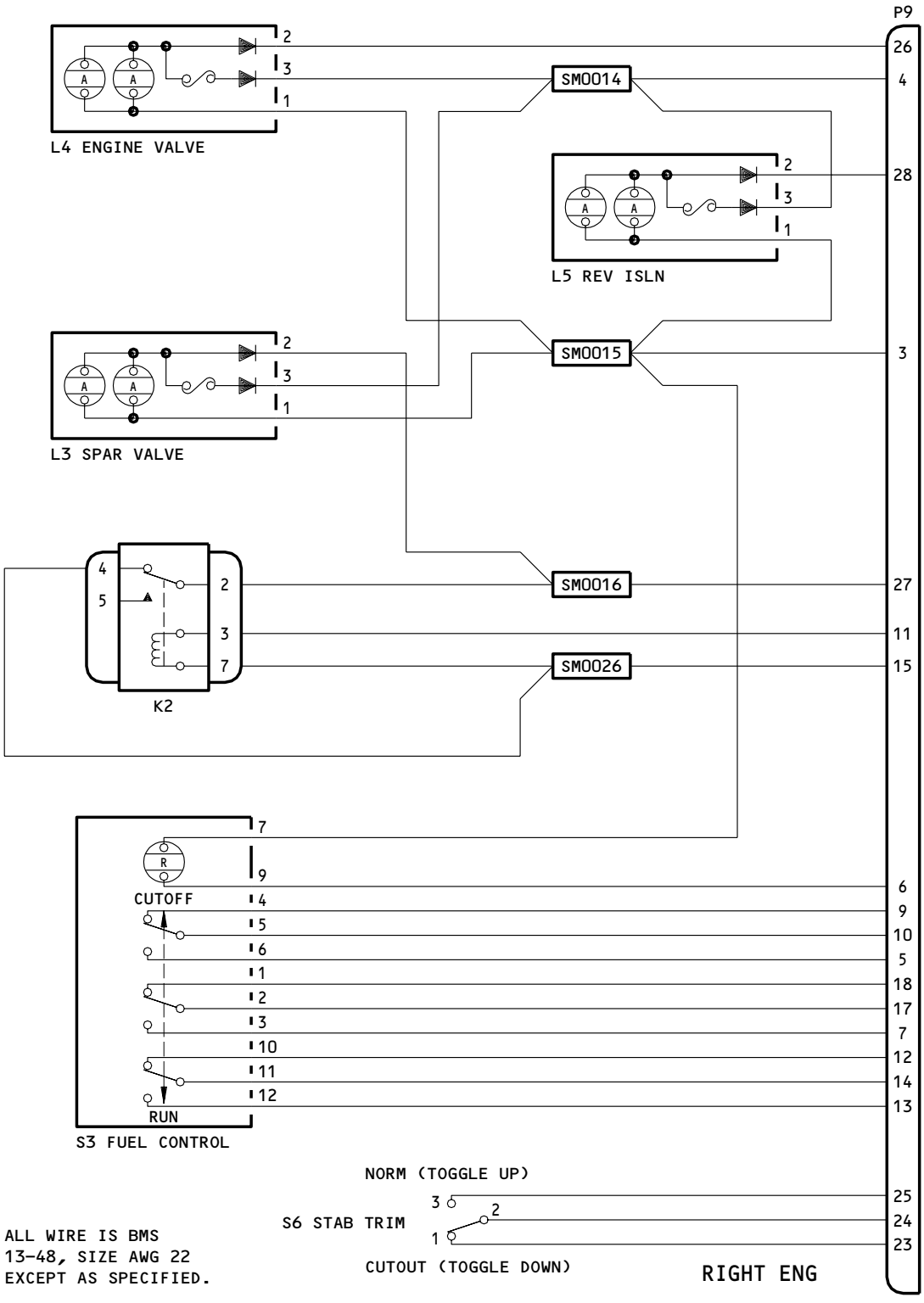
177004



NOTE: ALL WIRE IS BMS 13-48, SIZE AWG 22 EXCEPT AS SPECIFIED.

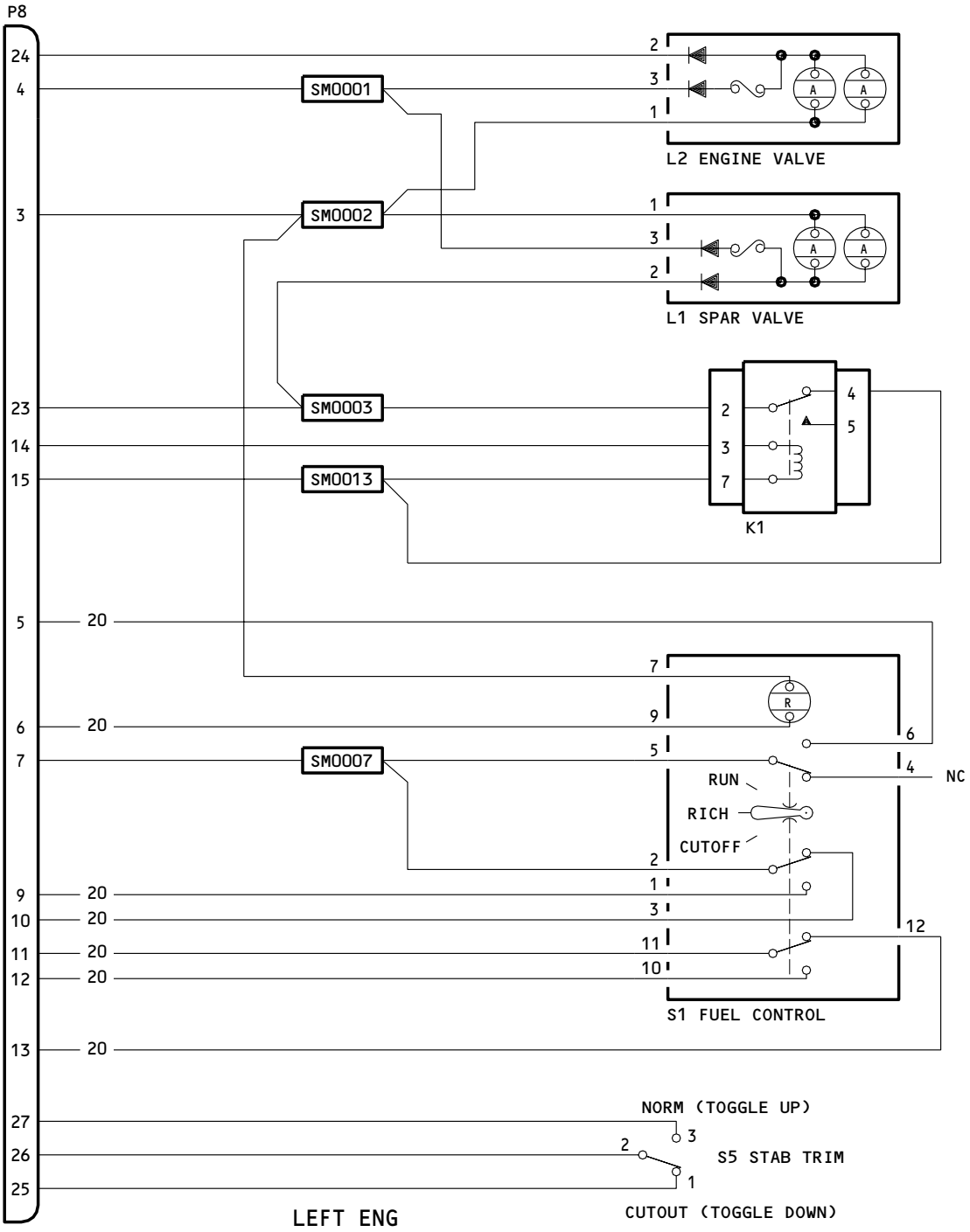
253T5900-62
Schematic Diagram
Figure 106 (Sheet 1)

242697



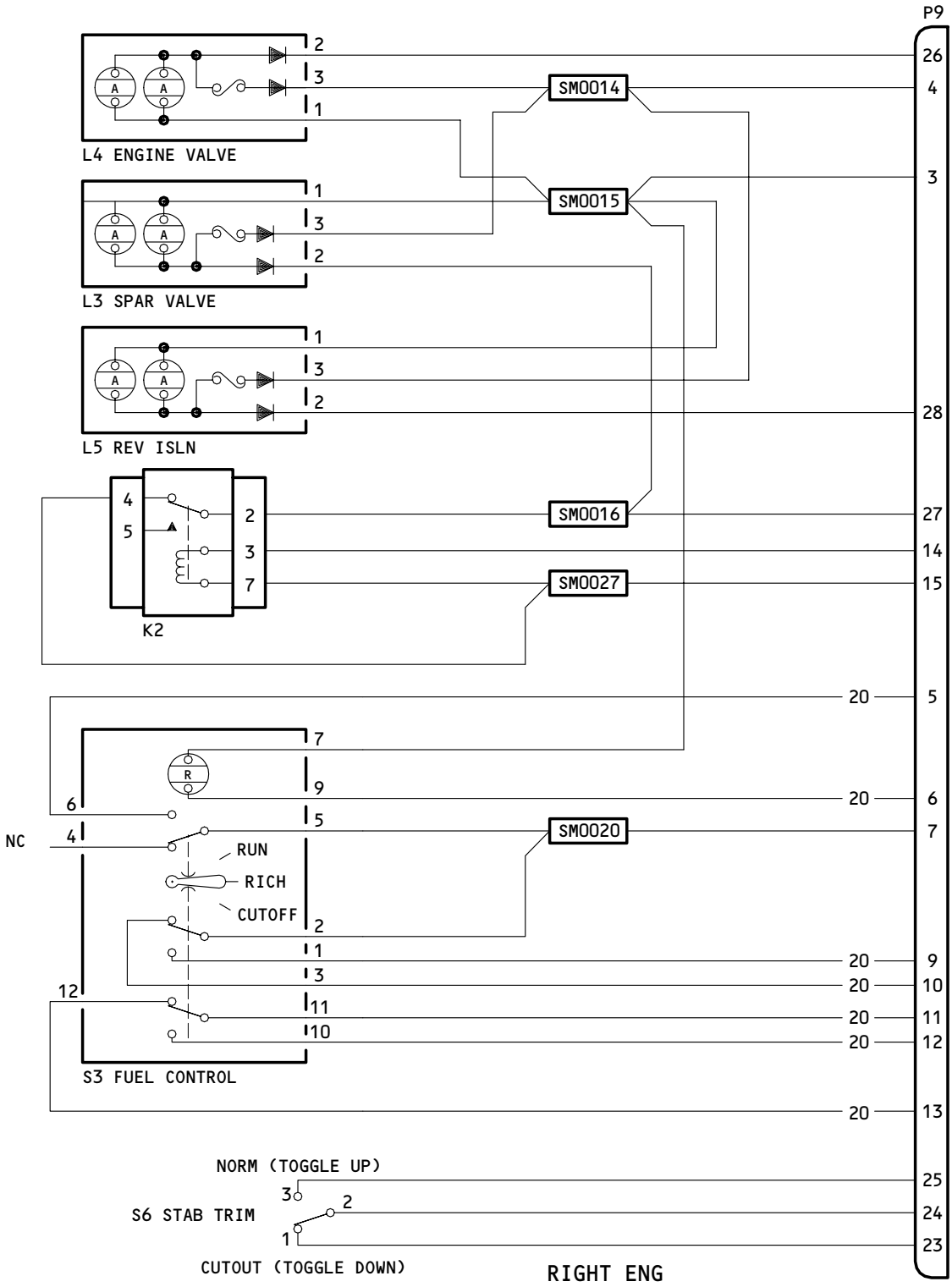
253T5900-62
Schematic Diagram
Figure 106 (Sheet 2)

242698

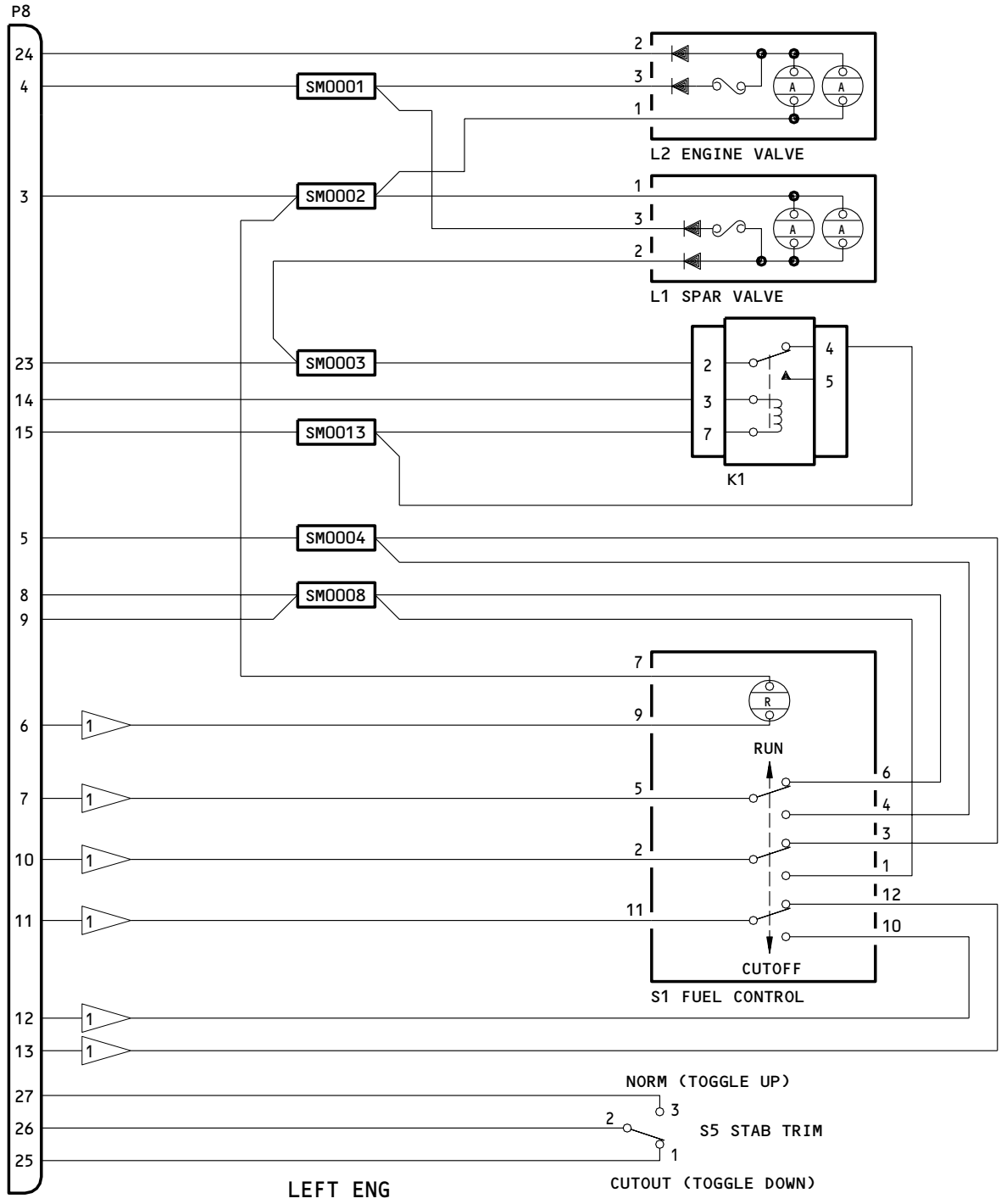


NOTE: ALL WIRE IS BMS 13-48 SIZE AWG 22
EXCEPT AS SPECIFIED.

253T5900-49
Schematic Diagram
Figure 107 (Sheet 1)



253T5900-49
Schematic Diagram
Figure 107 (Sheet 2)

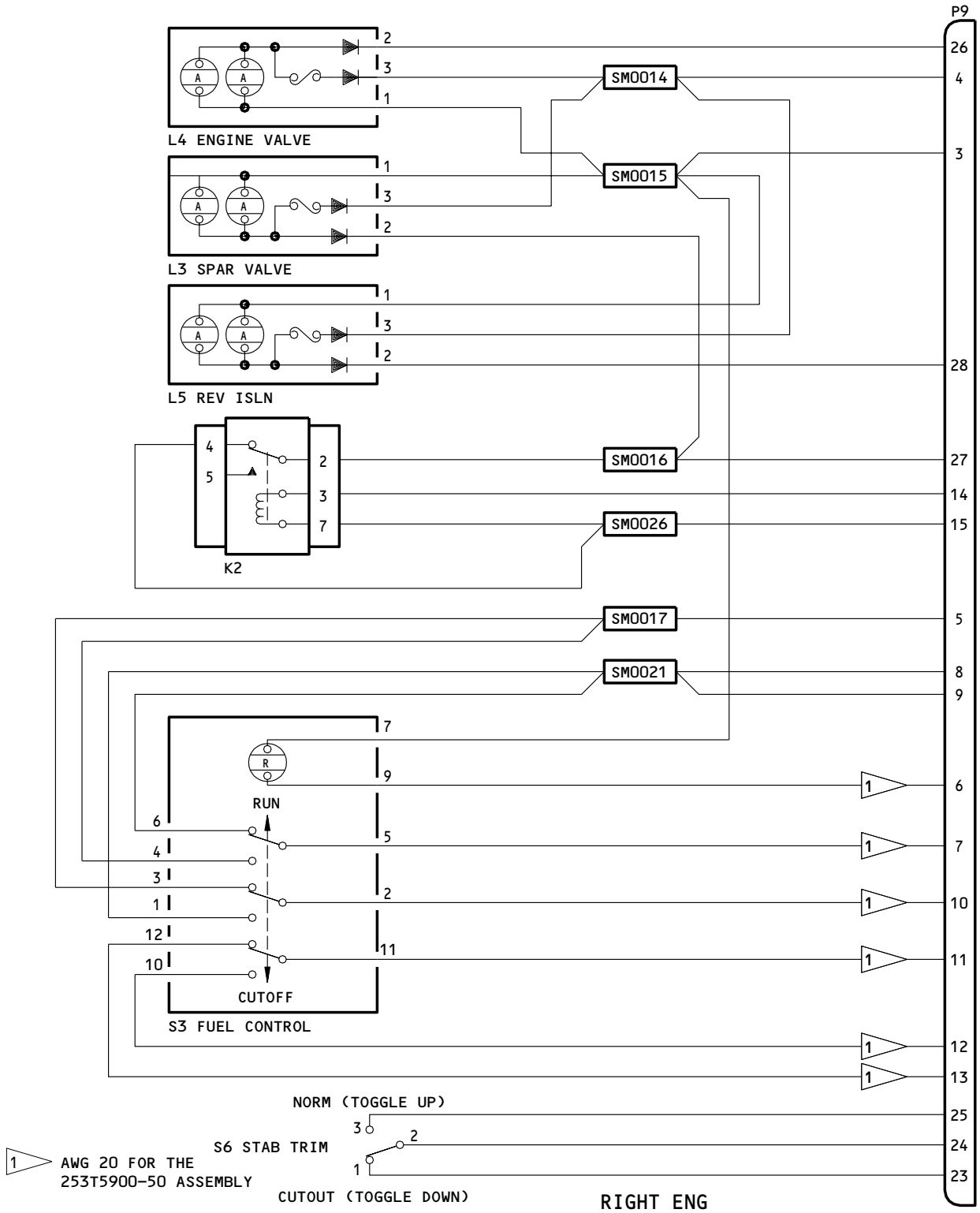


NOTE: ALL WIRE IS BMS 13-48 SIZE AWG 22
EXCEPT AS SPECIFIED.

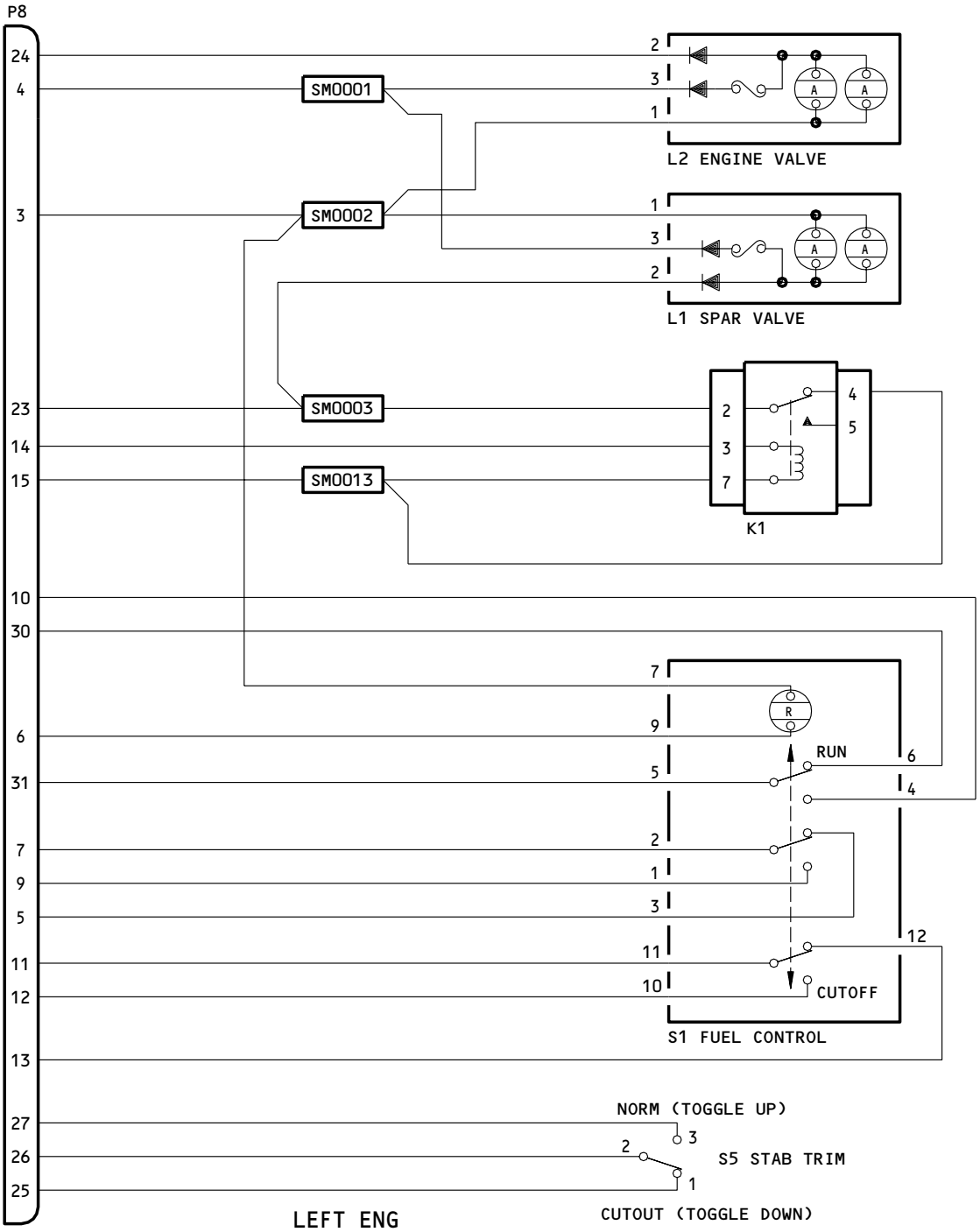
1 AWG 20 FOR THE 253T5900-50 ASSEMBLY

253T5900-50,-51
Schematic Diagram
Figure 108 (Sheet 1)

324135



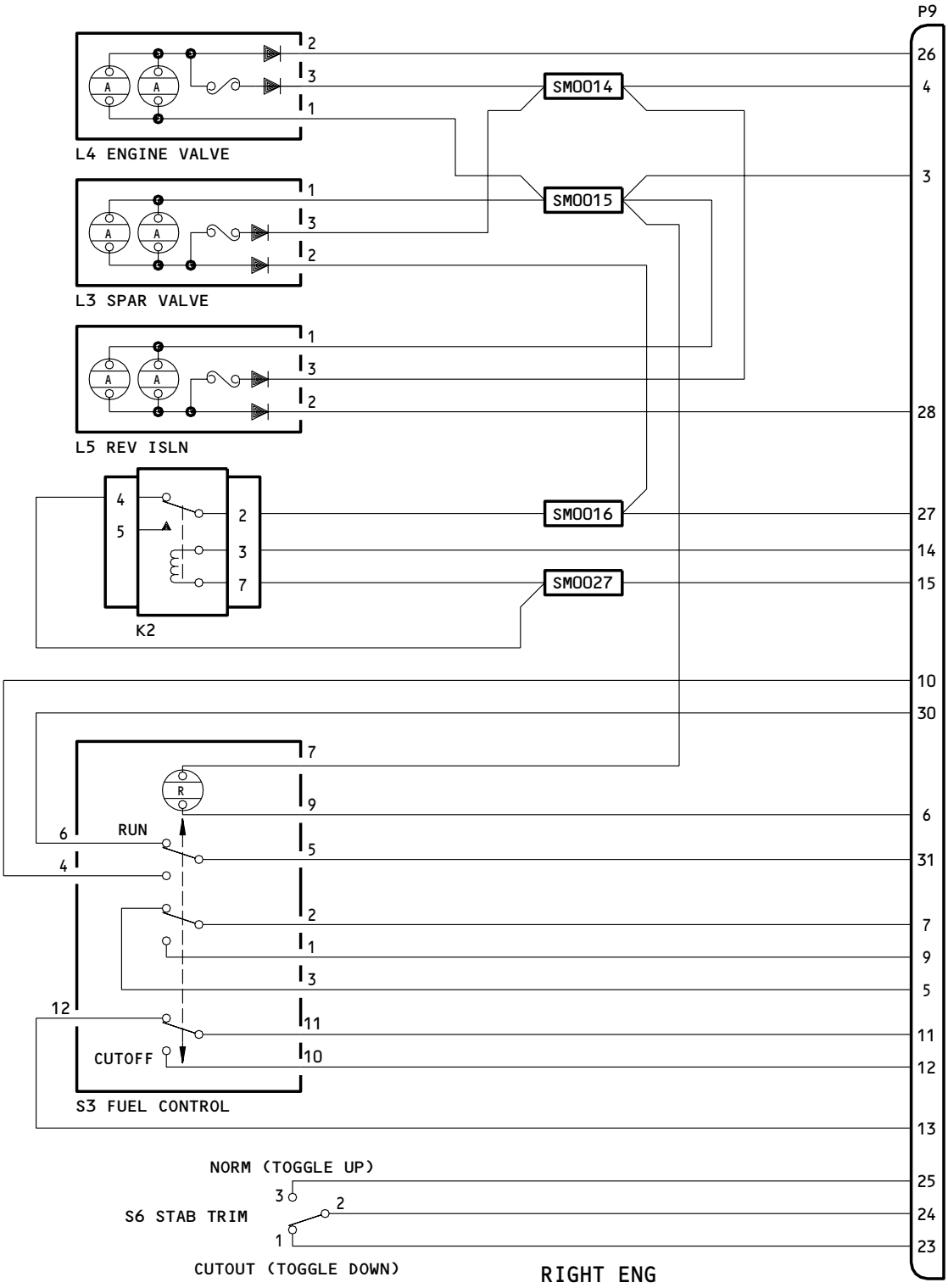
253T5900-50,-51
Schematic Diagram
Figure 108 (Sheet 2)



NOTE: ALL WIRE IS BMS 13-48 SIZE AWG 22
EXCEPT AS SPECIFIED.

253T5900-52
Schematic Diagram
Figure 109 (Sheet 1)

324158



253T5900-52
Schematic Diagram
Figure 109 (Sheet 2)

ILLUSTRATED PARTS LIST

1. This section lists and illustrates replaceable or repairable component parts. The Illustrated Parts Catalog contains a complete explanation of the Boeing part numbering system.

2. Indentures show parts relationships as follows:

    Assembly
      Detail Parts for Assembly
      Subassembly
      Attaching Parts for Subassembly
        Detail Parts for Subassembly

    Detail Installation Parts (Included only if installation parts may be returned to shop as part of assembly)

3. One use code letter (A, B, C, etc.) is assigned in the EFF CODE column for each variation of top assembly. All listed parts are used on all top assemblies except when limitations are shown by use code letter opposite individual part entries.

4. Letter suffixes (alpha-variants) are added to item numbers for optional parts, Service Bulletin modification parts, configuration differences (Except left- and right-hand parts), product improvement parts, and parts added between two sequential item numbers. The alpha-variant is not shown on illustrations when appearance and location of all variants of the part is the same.

5. Service Bulletin modifications are shown by the notations PRE SB XXXX and POST SB XXXX.

    A. When a new top assembly part number is assigned by Service Bulletin, the notations appear at the top assembly level only. The configuration differences at detail part level are then shown by use code letter.

    B. When the top assembly part number is not changed by the Service Bulletin, the notations appear at the detail part level.

6. Parts Interchangeability

Optional (OPT)	The parts are optional to and interchangeable with other parts having the same item number.
Supersedes, Superseded By (SUPSDS, SUPSD BY)	The part supersedes and is not interchangeable with the original part.
Replaces, Replaced By (REPLS, REPLD BY)	The part replaces and is interchangeable with, or is an alternate to, the original part.

VENDORS

01526 GENICOM CORP
ONE GENICOM DRIVE
WAYNESBORO, VIRGINIA 22980-1999
FORMERLY GE SPECIALY CONTROL & DATA COMMUNICATIONS PROD DEPT

09026 BABCOCK ELECTRONICS CORP CONTROL PRODUCT DIV SEE
ESTERLINE ELECTRONICS CORP V82050

12324 DUPREE INC STAKE FASTENER CO
14395 RAMONA PO BOX 1797
CHINO, CALIFORNIA 91708
FORMERLY DUPREE MFG CO IN SOUTH EL MONTE, CALIFORNIA
FORMERLY STAKE FASTENER CO DIV OF DUPREE INC

15653 FAIRCHILD FASTENERS KAYNAR PRODUCTS DIV
800 S STATE COLLEGE BLVD
FULLERTON, CALIFORNIA 92831-3001
FORMERLY VK6405 MICRODOT AEROSP LTD; FORMERLY KAYNAR TECH
KAYNAR DIV

35344 LEACH CORP RELAY DIV SEE LEACH CORP CONTROL PROD DIV V58657

52828 REPUBLIC FASTENER MFG CORP
1300 RANCHO CONEJO BLVD
NEWBURY PARK, CALIFORNIA 91320-1405
FORMERLY IN SYLMAR, CALIFORNIA

58614 COMMUNICATIONS INSTRUMENTS INC
HWY 74 EAST, PO BOX 520
FAIRVIEW, NORTH CAROLINA 28730

71087 BOOTS ACFT NUT DIV TOWNSEND CO SEE TEXTRON INC CHERRY
FASTENER TOWNSEND DIV V11815

71482 CP CLARE CORP NORTH AMERICA SALES OPERATIONS
601B CAMPUS DRIVE
ARLINGTON HEIGHTS, ILLINOIS 60004
FORMERLY CLARE DIV OF GENERAL INSTRUMENT CORP
FORMERLY IN CHICAGO, ILLINOIS

72962 HARVARD INDUSTRIES INC
3 WERNER WAY SUITE 210
LEBANON, NEW JERSEY 08833
FORMERLY AMERACE CORP ESNA DIV
FORMERLY ELASTIC STOP NUT IN UNION, NJ

VENDORS

80539 SPS TECHNOLOGIES INC AEROSPACE PRODUCTS DIV
2701 SOUTH HARBOR BOULEVARD PO BOX 1259
SANTA ANA, CALIFORNIA 92702-1259
FORMERLY NUTT-SHEL DIV OF SPC WESTERN CO V80539
AND STANDARD PRESSED STEEL WESTERN DIV V17279

81590 KORRY ELECTRONIC INC SUB OF CRITON CORP
901 DEXTER AVENUE NORTH
SEATTLE, WASHINGTON 98109-3515
FORMERLY KORRY, BORIS VB0021 AND KORRY MFG CO

91663 ARMEL ELECTRONICS, INCORPORATED
1601 75TH STREET
NORTH BERGEN, NEW JERSEY 07047-4046
FORMERLY BROOKLYN, NEW YORK

91929 HONEYWELL INC MICRO SWITCH DIV
11 WEST SPRING STREET
FREEPORT, ILLINOIS 61032
FORMERLY MICRO SWITCH A DIV OF HONEYWELL
FORMERLY V74059 AND V40228

92215 FAIRCHILD IND INC FAIRCHILD AEROSPACE FASTENER DIV
3010 W LOMITA BLVD
TORRANCE, CALIFORNIA 90505-5102
FORMERLY VOI-SHAN IN CULVER CITY, CALIF

96182 EATON CORP AEROSPACE AND COMMERCIAL CONTROLS DIV MSC PROD
1640 MONROVIA
COSTA MESA, CALIFORNIA 92627-4405
FORMERLY MASTER SPECIALITIES CO IN GARDENA, CALIFORNIA

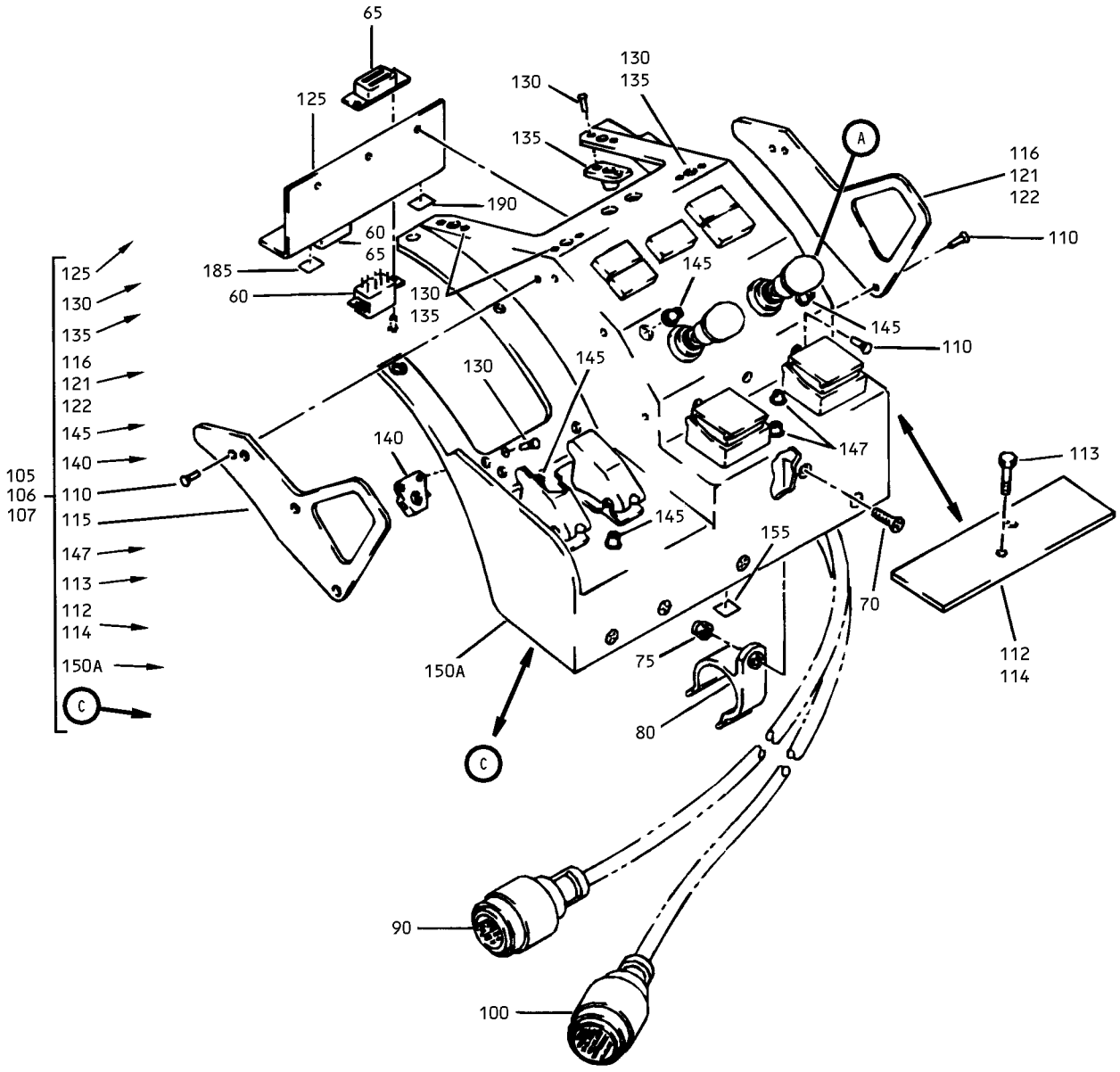
REFERENCE DESIGNATOR INDEX (SEE SCHEMATIC DIAGRAM)		
REFERENCE DESIGNATOR	PART NUMBER	FIG-ITEM
K1	3SAV1338A2	1-60
K2	3SAV1338A2	60
L1	BCREF6166	10
L1	BCREF6166	10B
L1	BCREF8404	10A
L2	BCREF6164	5
L2	BCREF6164	5B
L2	BCREF8402	5A
L3	BCREF6166	10
L3	BCREF6166	10B
L3	BCREF8404	10A
L4	BCREF6164	5
L4	BCREF6164	5B
L4	BCREF8402	5A
L5	BCREF6165	15
L5	BCREF6165	15B
L5	BCREF8403	15A
P8	BACC45FT18C31P	90
P9	BACC45FT18C31P7	100
S1	3TL32-12A	20
S1	3TL32-3D	20A
S2	BCREF7607	25B
S2	BCREF7607	25C
S2	851-30768-2017	25
S3	3TL32-12A	20
S3	3TL32-3D	20A
S4	BCREF7607	25B
S4	BCREF7607	25C
S4	851-30768-2017	25
S5	MS24523-23	50
S6	MS24523-23	50

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
BACB30LU06-1		1	113	2
BACC45FT18C31P		1	90	1
BACC45FT18C31P7		1	100	1
BACN10JC3		1	75	1
BACN10JN3		1	135	4
BACN10KH3		1	140	1
BACN10PA06-12		1	145	4
		1	147	2
BACR13CD2		1	60	2
BACR15BA3D		1	130	10
BACR15BA5D		1	110	11
BAC27NEL0321		1	215	1
BAC27TCT0012		1	155	1
BAC27TCT0013		1	160	1
BAC27TCT0014		1	165	1
BAC27TCT0015		1	170	1
BAC27TCT0016		1	175	1
BAC27TCT0017		1	180	1
BAC27TCT0018		1	185	1
BAC27TCT0019		1	190	1
BAC27TCT0020		1	195	1
BAC27TCT0021		1	200	1
BAC27TCT0022		1	205	1
BAC27TCT0023		1	210	1
BCREF6164		1	5	2
BCREF6165		1	15	1
BCREF6166		1	10	2
BCREF7607		1	25B	2
BCREF8402		1	5A	2
BCREF8403		1	15A	1
BCREF8404		1	10A	2
BRFM20A3		1	135	4
BRH10A3		1	75	1
BR16S233		1	60	2
EE4AA005		1	60	2
F29779-3		1	140	1
HFW1204K01		1	60	2
HFW1206K03		1	60	2
HRTS17KM		1	65	2
H10-3BAC		1	75	1
MF1000-3BAC		1	135	4
MF53049-3		1	135	4
MS24523-23		1	50	2
MS25081-5		1	35	2
MS25082-21		1	45	4

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
MS25224-1		1	55A	2
MS25224-3		1	55	2
MS35333-136		1	40	2
NAS514P1032-7		1	70	1
NAS514P1032-8		1	70A	1
NS103218-02		1	135	4
NS103225-02		1	140	1
NS202101-02		1	75	1
RMF9201M3		1	135	4
RMF9209M3		1	140	1
RMLH9075-3W		1	75	1
SF12G6CBB5D		1	145	4
		1	147	2
S231T290-1017		1	25B	2
S231T290-803		1	30	2
S231T290-823		1	30A	2
S231T300-1034		1	5	2
S231T300-1101		1	15	1
S231T300-1109		1	10	2
S231T300-2034		1	5A	2
S231T300-2101		1	15A	1
S231T300-2109		1	10A	2
T6S1032J		1	75	1
VN252A02		1	135	4
VN303A02		1	75	1
253T5900-23		1	1	RF
253T5900-24		1	1A	RF
253T5900-25		1	85	1
253T5900-26		1	95	1
253T5900-27		1	85A	1
253T5900-28		1	95A	1
253T5900-31		1	1B	RF
253T5900-32		1	1C	RF
253T5900-35		1	1D	RF
253T5900-36		1	1E	RF
253T5900-38		1	1F	RF
253T5900-39		1	85B	1
253T5900-40		1	95B	1
253T5900-49		1	1H	RF
253T5900-50		1	1J	RF
253T5900-51		1	1K	RF
253T5900-52		1	1L	RF
253T5900-53		1	85D	1
253T5900-54		1	95D	1
253T5900-55		1	85E	1

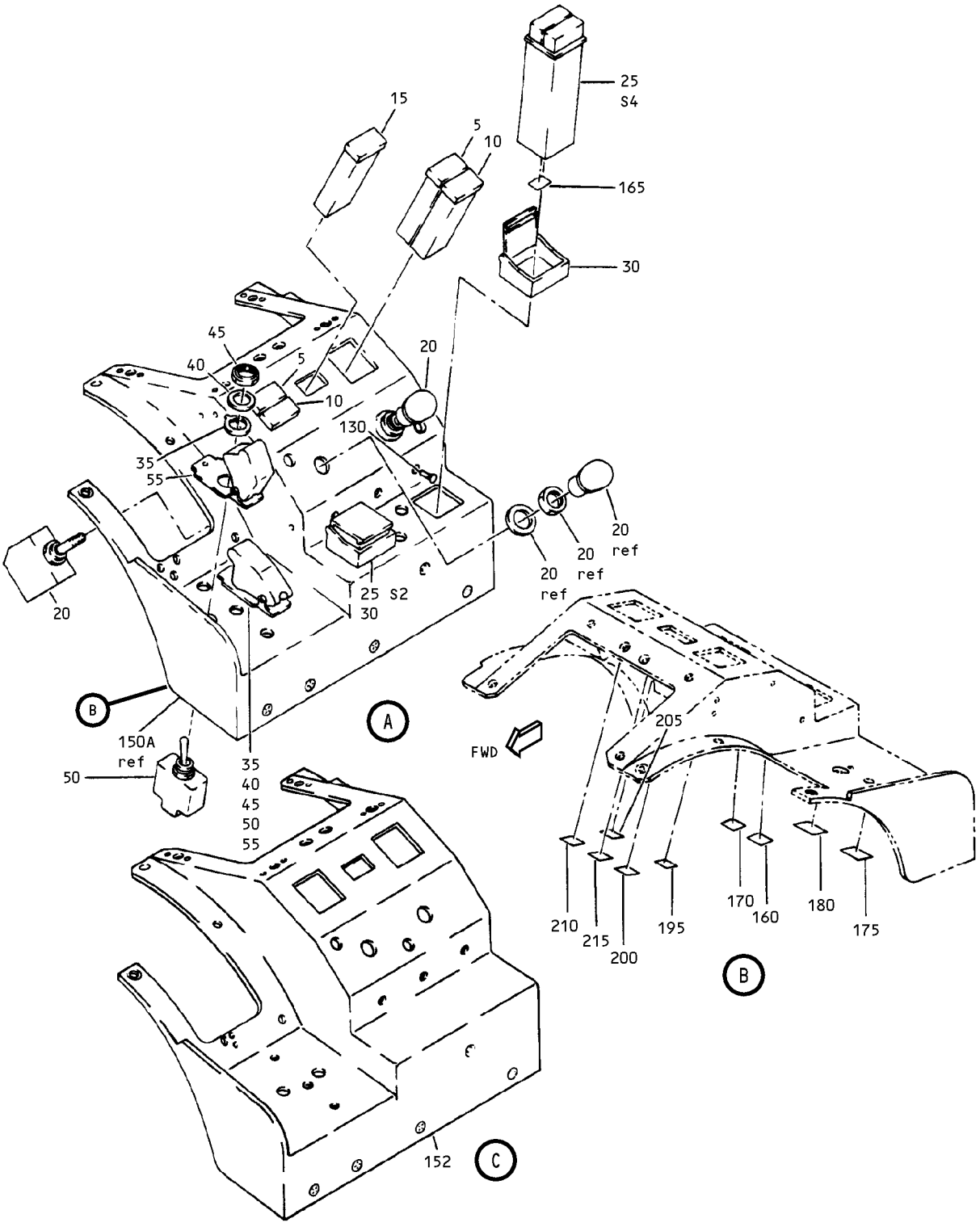
PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
253T5900-56		1	95E	1
253T5900-57		1	85F	1
253T5900-58		1	95F	1
253T5900-59		1	85G	1
253T5900-60		1	95G	1
253T5900-62		1	1M	RF
253T5900-63		1	85H	1
253T5900-64		1	95H	1
253T5911-12		1	118	1
253T5911-13		1	118A	1
253T5911-5		1	150A	1
253T5911-6		1	105	1
253T5911-7		1	106	1
253T5911-8		1	152	1
253T5911-9		1	107	1
253T5913-1		1	115	1
		1	121	1
253T5913-2		1	116	1
		1	122	1
253T5913-3		1	115A	1
		1	116A	1
		1	121A	1
		1	122A	1
253T5914-1		1	125	1
253T5917-1		1	112	1
		1	114	1
287T0011-2		1	80	1
3SAV1338A2		1	60	2
3TL32-12A		1	20	2
3TL32-3D		1	20A	2
433-100-004		1	30A	2
433-673-1001-10		1	25B	2
434-674-1005-10		1	5	2

PART NUMBER	AIRLINE PART NO.	FIG.	ITEM	TTL REQ
434-674-1005-11		1	15	1
434-674-1005-11		1	10	2
434-674-1031-20		1	5A	2
434-674-1031-21		1	15A	1
434-674-1031-21		1	10A	2
851-30768-2017		1	25	2
851-30768-803		1	30	2
96-02		1	75	1



Module Assembly - Control Stand Engine Fuel Control
Figure 1 (Sheet 1)

U1618



Module Assembly – Control Stand Engine Fuel Control
Figure 1 (Sheet 2)

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	-1	253T5900-23		MODULE ASSY-CONT STAND ENG FUEL CONT	A	RF
	-1A	253T5900-24		MODULE ASSY-CONT STAND ENG FUEL CONT	B	RF
	-1B	253T5900-31		MODULE ASSY-CONT STAND ENG FUEL CONT	C	RF
	-1C	253T5900-32		MODULE ASSY-CONT STAND ENG FUEL CONT	D	RF
	-1D	253T5900-35		MODULE ASSY-CONT STAND ENG FUEL CONT	E	RF
	-1E	253T5900-36		MODULE ASSY-CONT STAND ENG FUEL CONT	F	RF
	-1F	253T5900-38		MODULE ASSY-CONT STAND ENG FUEL CONT	G	RF
	-1G	253T5900-42		DELETED		
	-1H	253T5900-49		MODULE ASSY-CONT STAND ENG FUEL CONT	J	RF
	-1J	253T5900-50		MODULE ASSY-CONT STAND ENG FUEL CONT	K	RF
	-1K	253T5900-51		MODULE ASSY-CONT STAND ENG FUEL CONT	L	RF
	-1L	253T5900-52		MODULE ASSY-CONT STAND ENG FUEL CONT	M	RF
R	-1M	253T5900-62		MODULE ASSY-CONT STAND ENG FUEL CONT	N	RF
	5	BCREF6164		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1005-1034) (SPEC S231T300-1034) (L2, L4)	A-D	2
	-5A	BCREF8402		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1031-2034) (SPEC S231T300-2034) (L2, L4) (OPT ITEM 5B)	E-G, J-N	2
	-5B	BCREF6164		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1005-1034) (SPEC S231T300-1034) (L2, L4) (OPT ITEM 5A)	E-G, J-N	2

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-10	BCREF6166		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1005-1109) (SPEC S231T300-1109) (L1, L3)	A-D	2
	-10A	BCREF8404		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1031-2109) (SPEC S231T300-2109) (L1, L3) (OPT ITEM 10B)	E-G, J-N	2
	-10B	BCREF6166		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1005-1109) (SPEC S231T300-1109) (L1, L3) (OPT ITEM 10A)	E-G, J-N	2
	15	BCREF6165		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1005-1101) (SPEC S231T300-1101) (L5)	A-D	1
	-15A	BCREF8403		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1031-2101) (SPEC S231T300-2101) (L5) (OPT ITEM 15B)	E-G, J-N	1
	-15B	BCREF6165		.LIGHT ASSY-ENG VALVE IND (V81590) (434-674-1005-1101) (SPEC S231T300-1101) (L5) (OPT ITEM 15A)	E-G, J-N	1
R	20	3TL32-12A		.SWITCH- (V91929) (S1, S3)	A,C,E ,J	2
R	-20A	3TL32-3D		.SWITCH- (V91929) (S1, S3)	B,D,F ,G, K-N	2

FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
01-					
25	851-30768-2017		.SWITCH-LIGHTED PUSH BUTTON IND (ON/INOP) (V96182) (S2, S4) (SPEC S231T290-2017) (OPT ITEM 25B)	A,B	2
-25B	BCREF7607		.SWITCH-LIGHTED PUSH BUTTON IND (ON/INOP) (V81590) (433-673-1001-1017) (S2, S4) (SPEC S231T290-1017) (OPT ITEM 25)	A,B	2
-25C	BCREF7607		.SWITCH-LIGHTED PUSH BUTTON IND (ON/INOP) (V81590) (433-673-1001-1017) (S2, S4) (SPEC S231T290-1017)	C-G	2
-25F	BCREF7628		DELETED		
30	851-30768-803		.GUARD-SWITCH (V96182) (SPEC S231T290-803) (OPT ITEM 30A)	A,B	2
-30A	433-100-004		.GUARD-SWITCH (V81590) (SPEC S231T290-823) (OPT ITEM 30)	A,B	2
-30B	433-100-004		.GUARD-SWITCH (V81590) (SPEC S231T290-823)	C-G	2
35	MS25081-5		.LOCKRING		2
40	MS35333-136		.WASHER		2
45	MS25082-21		.NUT		4
50	MS24523-23		.SWITCH- (S5, S6)		2
55	MS25224-3		.GUARD	A,C,E,J	2
-55A	MS25224-1		.GUARD	B,D,F,G, K-N	2

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	60	3SAV1338A2		.RELAY- (V01526) (SPEC BACR13CD2) (OPT BR16S233 (V09026)) (OPT EE4AA005 (V35344)) (OPT HFW1206K03 (V58614)) (OPT HFW1204K01 (V71482)) (K1, K2)		2
R	65	HRTS17KM		.SOCKET- (V91663)		2
	70	NAS514P1032-7		.SCREW	A-G	1
	-70A	NAS514P1032-8		.SCREW	J-N	1
	75	H10-3BAC		.NUT- (V15653) (SPEC BACN10JC3) (OPT NS202101-02 (V80539)) (OPT RMLH9075-3W (V72962)) (OPT T6S1032J (V71087)) (OPT VN303A02 (V92215)) (OPT 96-02 (V80539)) (OPT BRH10A3 (V52828))		1
	80	287T0011-2		.CLAMP	A-G	1
	-80A	287T0011-4		.CLAMP	J-N	1
	-85	253T5900-25		.WIRE BUNDLE ASSY	A,C,E	1
	-85A	253T5900-27		.WIRE BUNDLE ASSY	B,D,F	1
	-85B	253T5900-39		.WIRE BUNDLE ASSY	G	1
	-85C	253T5900-43		DELETED		
	-85D	253T5900-53		.WIRE BUNDLE ASSY	J	1
	-85E	253T5900-55		.WIRE BUNDLE ASSY	K	1
	-85F	253T5900-57		.WIRE BUNDLE ASSY	L	1
	-85G	253T5900-59		.WIRE BUNDLE ASSY	M	1
R	-85H	253T5900-63		.WIRE BUNDLE ASSY	N	1
	90	BACC45FT18C31P		..CONNECTOR- (P8)		1
	-95	253T5900-26		.WIRE BUNDLE ASSY	A,C,E	1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	-95A	253T5900-28		.WIRE BUNDLE ASSY	B,D,F	1
	-95B	253T5900-40		.WIRE BUNDLE ASSY	G	1
	-95C	253T5900-44		DELETED		
	-95D	253T5900-54		.WIRE BUNDLE ASSY	J	1
	-95E	253T5900-56		.WIRE BUNDLE ASSY	K	1
	-95F	253T5900-58		.WIRE BUNDLE ASSY	L	1
	-95G	253T5900-60		.WIRE BUNDLE ASSY	M	1
R	-95H	253T5900-64		.WIRE BUNDLE ASSY	N	1
	100	BACC45FT18C31P7		..CONNECTOR- (P9)		1
	105	253T5911-6		.MODULE ASSY-ENG START	A-G	1
	106	253T5911-7		.MODULE ASSY-ENG START (OPT ITEM 107)	J-N	1
	107	253T5911-9		.MODULE ASSY-ENG START (OPT ITEM 106)	J-N	1
	110	BACR15BA5D		..RIVET- (SIZE DETERMINE ON INST)		11
	112	253T5917-1		..PLATE-COVER (USED ON ITEM 107)	J-N	1
	113	BACB30LU06-1		..BOLT- (USED ON ITEM 107)	J-N	2
R	114	253T5917-1		..PLATE-COVER	J-N	1
R	115	253T5913-1		..GUARD-FUEL CONT SWITCH (OPT ITEM 115A)	A-G	1
R	-115A	253T5913-3		..GUARD-FUEL CONT SWITCH (OPT ITEM 115)	A-G	1
R	116	253T5913-2		..GUARD-FUEL CONT SWITCH (OPT ITEM 116A)	A-G	1
R	-116A	253T5913-3		..GUARD-FUEL CONT SWITCH (OPT ITEM 116)	A-G	1
R	-118	253T5911-12		..KIT ASSY-SUBSTITUTION (OPT ITEM 118A)	J-N	1
R	-118A	253T5911-13		..KIT ASSY-SUBSTITUTION (OPT ITEM 118)	J-N	1
	120	253T5913-2		DELETED		
R	121	253T5913-1		...GUARD-FUEL CONT SWITCH (USED ON ITEM 118)	J-N	1
R	-121A	253T5913-3		...GUARD-FUEL CONT SWITCH (USED ON ITEM 119)	J-N	1
R	122	253T5913-2		...GUARD-FUEL CONT SWITCH (USED ON ITEM 118)	J-N	1
R	-122A	253T5913-3		...GUARD-FUEL CONT SWITCH (USED ON ITEM 119)	J-N	1
	125	253T5914-1		..BRACKET-MTG		1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	130	BACR15BA3D		..RIVET- (SIZE DETERMINE ON INST)		10
	135	BRFM20A3		..NUTPLATE- (V52828) (SPEC BACN10JN3) (OPT MF1000-3BAC (V15653)) (OPT NS103218-02 (V80539)) (OPT RMF9201M3 (V72962)) (OPT VN252A02 (V92215)) (OPT MF1000-3BAC (V15653)) (OPT MF53049-3 (V15653))		4
	140	NS103225-02		..NUTPLATE- (V80539) (SPEC BACN10KH3) (OPT RMF9209M3 (V72962)) (OPT F29779-3 (V15653))		1
	145	SF12G6CBB5D		..NUT- (V12324) (SPEC BACN10PA06-12)		4
	147	SF12G6CBB5D		..NUT- (V12324) (SPEC BACN10PA06-12)	A-G	2
	150	253T5900-5		DELETED		
	150A	253T5911-5		..MODULE- (USED ON ITEM 107)	J-N	1
R	-150B	253T5911-5		..MODULE- (USED ON ITEM 105)	A-G	1
	152	253T5911-8		..MODULE- (USED ON ITEM 106)	J-N	1
	155	BAC27TCT0012		.DECAL-S1		1
	160	BAC27TCT0013		.DECAL-S2	A-G	1
	165	BAC27TCT0014		.DECAL-S3		1
	170	BAC27TCT0015		.DECAL-S4	A-G	1
	175	BAC27TCT0016		.DECAL-S5		1
	180	BAC27TCT0017		.DECAL-S6		1
	185	BAC27TCT0018		.DECAL-K1		1
	190	BAC27TCT0019		.DECAL-K2		1

	FIG. & ITEM	PART NO.	AIRLINE PART NUMBER	NOMENCLATURE 1234567	EFF CODE	QTY PER ASSY
	01-					
	195	BAC27TCT0020		.DECAL-L1		1
	200	BAC27TCT0021		.DECAL-L2		1
	205	BAC27TCT0022		.DECAL-L3		1
	210	BAC27TCT0023		.DECAL-L4		1
	215	BAC27NEL0321		.DECAL-L5		1
R				BOEING LETTER HISTORY		

- Item Not Illustrated