# ATTACHMENT 6

Anti-Skid Control Box Examination Results



# RETURNED MATERIALS REPAIR ORDER AND DISPOSITION REPORT

SERVICE REQ# 691803	JOB ORDER # \$1902933	PROD L	INE CNTRL	BOX REPA	IR STATION :	#QD3R785L
PART NO BEFORE MODIFICATION 42-807	PART DESCRIPTION CONTROL BOX	UNIT SEF	RIAL NO 50	NEW PART NUMBER	NEW SI	ERIAL NUMBER
CUSTOMER NAME	LOCATION	PURCHASE		SALES ORDER NUMBER	DATE RECEIVED	SHIP DUE DATE
14079 NATIONAL TRANSPORTATION	SEATTLE WA		B.RAMSEY	RMA NUMBER	24-APR-15	SHIP DATE
MATIONAL TRANSPORTATIO	MA.		RMAL	450375		SHIP DATE
CUSTOMER REASON FOR RETURN	CODE A25		CUSTOME	R REJ NO	QUANTITY	A/C TAIL NO
VISUAL DESCRIPTION  MFG UNK- ***NTSB INVE		FINDIN	1. OVI 2. REI 3. WA  FAILURE REC  VERIFICATION VALID	PAIR 5. M	23 DE:	YES NO C RECEIPT DATE -APR-15 OT APPLICABLE
INSPECTED BY RODRIGUEZ, I	LUIS FEIDATE: 24-APR-15					
MFG DATE:	PRIOR RETURN 0					
OVERHAUL DATE:						
SPECIAL QUALITY ASSURANCE INST	RUCTIONS FOR TESTING					
		RESO	LUTION CODE			
	Q.A. ENG	TES	DATE 5	16/15	EST AREA	394
SUMMARY CODE:	CORRECTIVE ACTION APPL	LICABLE [	NOT APPI	LICABLE WARRANTY HO	DNORED PEN	TI Car
MAINTENANCE PERFORMED IAW SPE TSN: TSO:	EC,REV, DT CSN:		CSC	Q.A. ENG D:	DATE CONTAINER:	
CUSTOMER P/N: 2015/04/24 This document contains E	Data controlled by the EAR. Diversion or	use contrary	to U.S. law is pr	ohibited. ECCN: 9E991		

# TP42-807

# **TEST PROCEDURE**

# FOR THE

# 42-807 CONTROL UNIT

PREPARED BY	R.O. Pasvkiewicz	DATE	Dec. 6, 1985
	Engineer		
APPROVED BY	C. Dryer Project Engineer	DATE _	Dec. 6, 1985
APPROVED BY	H.E. Haberkamp  Manufacturing Engineering	DATE _	Dec. 6, 1985
APPROVED BY	William R. Miller Functional Test	DATE _	Dec. 6, 1985
APPROVED BY	C.P. McGraw  Quality Assurance Director	DATE _	Dec. 6, 1985

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**TEST DATA SHEET** 

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	16.		1 AOL	- " ——		
DATE:	5/6/15	OPERATOR:	Tien	11	SER	IAL:
NAME:	control	Box	P/N: <u>4</u>	2 - 80	wo/RMD	R#;
	S TO BE PERFORMED	AT TIME OF MANUFA	/ / /N			
	I-IN PER QAE-I-3176	E 1 107 10 00710				
* 1.2.2	CONTINUITY PER WIR 100 MEGOHMS MINII		N/A MEG			
* 1.4	100 MEGOHMS MINI			OHMS OHMS		
1.5.1	< 1 OHM		WIA OHM			
TEST	REQUIREMENT	RESI	<u>JLT</u>	TEST	REQUIREMENT	RESULT
3.3.1	14.5 ±0.3V		5 14.4 7 14.4	.v	1360 ±250 HZ	5. 1353 HZ
3.4.1	1.0 ±0.2V		5. 1.0	V 7.1.2	1360 ±250 HZ FIG 4 PBM	7. <u>/うろと</u> HZ 7. <u></u> おく ACC
0.4.1	1.0 ±0.24		5 1.0	_v 7.1.2	ATTACH FIGURE	
			7 1.0	v	FIG 4 PBM	5. DC ACC
			3 1. 2	v	ATTACH FIGURE	
4.1.1	FIGURE 2			ACC	FIG 4 PBM	3. OK ACC
	ATTACH FIGURE			ACC	ATTACH FIGURE	
		3. 04	7. OC	ACC	FIG 4 PBM	1. O _ ACC
		4. 0/-	B. 0K	ACC	ATTACH FIGURE	
4.2.1	(10 RAD)			7.1.3	PBM 3.6 ±0.2 SEC	7. 3.7 SEC
	BELOW 2V		5. <u>/.0</u>	_V 7.2	PBM 3.6 ±0.2 SEC	5. 3. % SEC
	ATTACH FIGURE		3. <u> </u>	_V	PBM 3.6 ±0.2 SEC	3. 3.8 SEC
			7. 1.0		PBM 3.6 ±0.2 SEC	1
E 4 4	99.034		3 4.0	_V		
5.1.1 5.3	8.2 ±0.2V FIG 3 (1.5 TO	3. <u>/ . c)</u>	5 <u>1. 0</u>	_v	INBD POSITION	
J.J	5.0 SEC)	3. 3.0 SEC		8.1.1	#1 INDICATOR ILL.	Fail ACC
	ATTACH FIGURE	00.0		8.1.2	#1 INDICATOR ILL.	ON_ ACC
5.4	LESS THAN 1.5V	3. 1.0 V		8.1.3	#3 INDICATOR ILL.	ACC
5.5	FIG 3 (1.5 TO			8.1.4	#3 INDICATOR ILL.	OIL ACC
	5.0 SEC)	5. 2.9 SEC		8.1.5	#5 INDICATOR ILL.	BIC ACC
	ATTACH FIGURE	1		8.1.6	#5 INDICATOR ILL.	ent_ ACC
	LESS THAN 1.5V	5/ . ©V		8.1.7	#7 INDICATOR ILL.	OL ACC
6.1	GREATER THAN 7V	1 <i>g</i> . <i>I</i> V		8.1.8	#7 INDICATOR ILL.	SIL ACC
6.1.1	GREATER THAN 7V	3. <u>8.</u> V		8.1.9	#1 INDICATOR ILL.	O7/ ACC
	GREATER THAN 7V	5. <u>g. l</u> v	v	8.1.10	#1 INDICATOR ILL.	mc ACC
	GREATER THAN 7V		*	8.1.11	#3 INDICATOR ILL.	DIL_ACC
6.2	< 1.5V IN < 15 SEC		CC	8.1.12	#3 INDICATOR ILL.	ACC
6.2.1	< 1.5V IN < 15 SEC		CC	8.1.13	#5 INDICATOR ILL.	ACC
	< 1.5V IN < 15 SEC		CC	8.1.14	#5 INDICATOR ILL.	DL ACC
6.4.1	< 1.5V IN < 15 SEC 1360 ±250 HZ		CC Z	8.1.15	#7 INDICATOR ILL.	ڪاڪ ACC عاد ACC
J.7. I	1360 ±250 HZ		Z Z	8.1.16 8.1.17	#7 INDICATOR ILL. NO INDICATORS	ACC ACC
	LEGO ILE	v	-	0.1.1/	NO INDICATORS	ALC:

8.1.

Detected Fault But second Time reading instable.

Second Time Reset Lateling Fault

Lamp would not fault come out good Solid Reading

BX Torons L Whou Fault

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CRANE	CO. 3000 WINONA A	VENUE • P.O.BOX	7722 • BURBANK,	CA 91510-7722	REVISION	K
			TEST DA	TA SHEET		
			PAGE	OF		
DATE:						L:
NAME:			P/N:		WO/RMDR	#:
TEST	REQUIREMENT	RESULT		TEST	REQUIREMENT	RESULT
	OUTBD POSITION				OUTBD POSITION	
8.1.1 8.1.2 8.1.3 8.1.4 8.1.5 8.1.6 8.1.7 8.1.8 8.1.9 8.1.10 8.1.11 8.1.12 8.1.13 8.1.14 8.1.15 8.1.16 8.1.17	#1 INDICATOR ILL. #1 INDICATOR ILL. #3 INDICATOR ILL. #3 INDICATOR ILL. #5 INDICATOR ILL. #5 INDICATOR ILL. #7 INDICATOR ILL. #1 INDICATOR ILL. #1 INDICATOR ILL. #1 INDICATOR ILL. #3 INDICATOR ILL. #3 INDICATOR ILL. #5 INDICATOR ILL. #5 INDICATOR ILL. #7 INDICATOR ILL. #7 INDICATOR ILL. NO INDICATOR ILL. NO INDICATOR ILL.	Frich A Frich Frich A	CC CC CC CC CC CC CC CC CC CC CC CC CC	8.2.1 8.2.2 8.2.3 8.2.4 8.2.5 8.2.6 8.2.7 8.2.8 8.2.9 8.3.1 8.3.2 8.3.4	#1 INDICATOR ILL. #1 INDICATOR ILL. #3 INDICATOR ILL. #3 INDICATOR ILL. #5 INDICATOR ILL. #5 INDICATOR ILL. #7 INDICATOR ILL. #7 INDICATOR ILL. NO INDICATORS NO INDICATORS NO INDICATORS #1 INDICATOR ILL. #3 INDICATOR ILL. #4 INDICATOR ILL. #5 INDICATOR ILL. #6 INDICATOR ILL. #7 INDICATOR ILL. #7 INDICATOR ILL. #7 INDICATOR ILL. #1 NO INDICATOR	ACC  ACC  OIL ACC  OIL ACC  OIL ACC  OIL ACC  TOL ACC
8.2.1 8.2.2 8.2.3 8.2.4 8.2.5 8.2.6 8.2.7	#1 INDICATOR ILL. #1 INDICATOR ILL. #3 INDICATOR ILL. #3 INDICATOR ILL. #5 INDICATOR ILL. #5 INDICATOR ILL. #5 INDICATOR ILL. #7 INDICATOR ILL.	Frit A Prit A Prit A Fait A Fait A Fait A Fait A	CC CC CC CC CC	5.5.0	#3 NO INDICATOR #5 NO INDICATOR #7 NO INDICATOR	ACC ACC ACC
8.2.8	#7 INDICATORS	OL A	CC			TEST

8.1 TEST ARE FAULT DETECTION FATOURS TESTS FAILURES WERE That INSIGHTEN

LICHT WOULD NOT EXTENGUISh when The

FAULT WAS REMOVED

IN NO PEST TEST WAS THORRA A FAILURG

To Detect The Fault

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# **TEST DATA SHEET**

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TEST	REQUIREMENT	RESULT
9.1.1	#1,#3 INDICATOR ON	Fail ACC
9.1.2	#5,#7 INDICATOR ON	∓ ACO
9.1.3	#1 INDICATOR OFF	₽ ACO
-	#3 INDICATOR OFF	€ ACO
	*5 INDICATOR OFF	₹ ACG
	#7 INDICATOR OFF	# ACG
9.1.4	LO METER CG	OL ACC
9.1.5	LI METER CG	୩୯ ACC
	RI METER CG	S/ ACC
	RO METER CG	OC ACC
9.1.7	RO METER CG	Oi/ACC
	RI METER CG	OT ACC
9.1.8	LI METER LEFT RED	OTLACC
10000000000000000	LO METER LEFT RED	ACC
9.1.10	LO METER CG	ACC
	LI METER CG	OLACC
9.1.11	RI METER LEFT RED	ACC
	RO METER LEFT RED	ACC
9.2.1	LO METER LEFT RED	SC ACC
	LI METER CG	O'C_ACC
	RI METER CG	OT ACC
000	RO METER CG	On ACC
9.2.2	LO METER LEFT RED	ACC
	LI METER CG	OK ACC
	RI METER CG	ACC
	RO METER CG	ACC
9.2.3	LO METER CG	ACC
	LI METER LEFT RED	
	RI METER CG	OCACC
20200	RO METER CG	ACC
9.2.4	LO METER CG	ACC ACC
	LI METER LEFT RED	ACC
	RI METER CG	ACC
122	RO METER CG	ACC
9.2.5	LO METER CG	ACC
	LI METER CG	ACC
	RI METER LEFT RED	O ACC
000	LO METER CG	Bic_ACC
9.2.6	LO METER CG	OCACC
	LI METER CG	OIL ACC
	RI METER LEFT RED	SIC ACC
	RO METER CG	ACC

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Undetermined Export Restrictions

# Undetermined Export Restrictions



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**TEST DATA SHEET** 

TEST	REQUIREMENT	RESULT
9.2.7	LO METER CG	OL ACC
	LI METER CG	ACC
	RI METER CG	ACC
	RO METER LEFT RED	ACC
9.2.8	LO METER CG	ACC
	LI METER CG	ACC
	RI METER CG	ACC
	RO METER LEFT RED	ACC
9.2.9	LO METER RIGHT RED	ACC
	LI METER CG	ACC
	RI METER CG	ACC
	RO METER CG	ACC
9.2.10	LO METER RIGHT RED	ACC
	LI METER CG	ACC
	RI METER CG	ACC
	RO METER CG	ACC
9.2.11	LO METER CG	ACC
	LI METER RIGHT RED	ACC
	RI METER CG	ACC
	RO METER CG	ACC
9.2.12	LO METER CG	ACC
	LI METER RIGHT	ACC
	RI METER CG	ACC
	RO METER CG	ACC
9.2.13	LO METER CG	ACC
	LI METER CG	ACC
	RI METER RIGHT RED	ACC
	RO METER CG	ACC
9.2.14	LO METER CG	ACC
	LI METER CG	ACC
	RI METER RIGHT RED	ACC
	RO METER CG	ACC
9.2.15	LO METER CG	ACC
	LI METER CG	ACC
	RI METER CG	ACC
	RO METER RIGHT RED	ACC
9.2.16	LO METER CG	ACC
	LI METER CG	ACC
	RI METER CG	ACC
	RO METER RIGHT RED	ACC

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						0.5			
TEST	<u>F</u>	EQUIREMENT		RESULT					
9.3.1	70	O METER RIGHT RED		OC	_ACC				
		I METER CG	_	<u>ar</u>	ACC				
		RI METER CG RO METER CG		315	_ACC				
9.3.2		O METER LEFT RED		8U	ACC			02	
		METER CG	20	OK	ACC			NE	
		RI METER CG		20	_ACC		/	M Etor	
		RO METER CG		<u> </u>	ACC		( V)	my	16
9.3.3		O METER CG I METER RIGHT RED		OL-	_ACC	4	FA	M Etor	1
		RI METER CG		01	_ACC	VII			
		RO METER CG	7	one	ACC	6.	To	1	1
9.3.4		O METER CG	727	ग्र	ACC	- 0.	6	De se	al
		I METER LEFT RED		E	ACC	- Ju	14	C QAT	571
		NI METER CG		گار وال	_ACC	0	181 N 7 0	7	XO
9.3.5		RO METER CG O METER CG		810	_ACC	L	X	TIE	110
8.3.5		I METER CG	-		ACC	7/	DY	F PANCE	No.
		RI METER RIGHT RED		र्जी	ACC		OX		
	-	RO METER CG		カレ	_ACC		100	Tree x	
9.3.6		O METER CG		Dr.	_ACC	_ /		- W	
		J METER CG RI METER LEFT RED	8	616	_ACC	7/	P	N DU	
		RO METER CG	St	हीं	ACC		` .	15	
9.3.7		O METER CG		DL	ACC		11	XIO	
	L	I METER CG		Dic	ACC		'N	-d'	
		RI METER CG		de	_ACC	/	21	200	
9.3.8	15	RO METER RIGHT RED LO METER CG		3/2	_ACC		O.	pation pation	
9.3.0		I METER CG		OL	ACC				
		RI METER CG	20	90	ACC				
	F	RO METER LEFT RED		P	_ACC	4			
9.4.2		O PER FIG 5		OL	ACC				
3.4.2		ATTACH RECORDING							
9.4.3		I PER FIG 5		D/	ACC				
	,	ATTACH RECORDING		21					
9.4.4		RI PER FIG 5		SU.	_ACC				
0.45		ATTACH RECORDING		DC					
9.4.5		RO PER FIG 5 ATTACH RECORDING		- 1	_ACC				
	,	AT IMON RECORDING							

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		TEST DATA SI	HEET	
		PAGE OF		
DATE:	OPERATO	DR:	SERIAL:	
NAME:		P/N:	WO/RMDR#:	
SIGNAL WAS AS	TEST	REQUIREMENT	RESULT	
112	9.5.1	RI OVER 7V	8. 1 v	
1-700-	9.5.2	RO OVER 7V	2. 1 V	
. I WAS FEE	9.5.3	LO OVER 7V	<u> </u>	
COMPLET	9.5.4	LI OVER 7V		
Aten failer	9.6.1	#1 INDICATOR ILL.	ACC	
has the same	~	#3 INDICATOR ILL.	TOL ACC	
ATON HALL DO		#5 INDICATOR ILL.	ACC	
Faon LAMY		#7 INDICATOR ILL.	ACC	
Faor Cincul	<b>₩</b> 9.6.2	#1 INDICATOR ILL.	₹ ACC	
		#3 INDICATOR ILL. #5 INDICATOR ILL.	ACC	
W Ch		#7 INDICATOR ILL.	● F ACC ACC	
180		INDICATOR EXT.	OIL ACC	
1 0 5	9.6.3	LO FIG 6 METER CG	DIL ACC DIL ACC	de
-do. 1200	/	ATTACH RECORDING	ACC HURALING BYE	0
1020	9.6.4	LI FIG 6 METER CG	ACC d	.,
ACURE -10 SCOOL	V 005	ATTACH RECORDING	- Duding over 7	VB
Op VN	9.6.5	RI FIG 6 METER CG	F ACC MALATING	
Super Dusania WAS 1.200	9.6.6	ATTACH RECORDING RO FIG 6 METER CG	OTL ACC	
.05	0.0.0	ATTACH RECORDING		
ASURE DISSONS AS	9.6.8	LI FIG 7 METER CG	onc ace	
2 Volt		ATTACH RECORDING		
1 101	9.6.9	RI FIG 7 METER CG	ACC	
/. V		ATTACH RECORDING	2000	

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DATE:	OPERATOR:	SERIAL:
NAME:	P/N:	WO/RMDR#:

TEST	REQUIREMENT	RESULT
10.1.1	#1 WHEEL WHEELS NOT ROLLING INDICATOR ILL.	6)C ACC
10.1.3	#1 WHEEL WHEELS NOT ROLLING INDICATOR EXT.	ACC
10.1.5	#3 WHEEL WHEELS NOT ROLLING INDICATOR EXT.	ACC
10.1.7	#3 WHEEL WHEELS NOT ROLLING	
10.1.9	INDICATOR ILL. #5 WHEEL WHEELS NOT ROLLING	ACC
10.1.11	INDICATOR ILL. #5 WHEEL WHEELS NOT ROLLING	ACC
10.1.13	INDICATOR ILL. #7 WHEEL WHEELS NOT ROLLING	ACC
10.1.15	INDICATOR EXT. #7 WHEEL WHEELS NOT ROLLING	ACC
10.1.17	INDICATOR ILL. #7 WHEEL WHEELS NOT ROLLING	ACC
10.1.19	INDICATOR ILL. #7 WHEEL WHEELS NOT ROLLING	ACC
10.1.21	INDICATOR ILL. #5 WHEEL WHEELS NOT ROLLING	ACC
10.1.23	INDICATOR EXT. #5 WHEEL WHEELS NOT ROLLING	ACC
10.1.25	INDICATOR ILL. #3 WHEEL WHEELS NOT ROLLING	ACC
10.1.27	INDICATOR ILL. #3 WHEEL	ACC
	WHEELS NOT ROLLING INDICATOR EXT.	SICI ACC

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DATE:	OPERATOR:		SERIAL:	
NAME:		P/N:	WO/RMDR#:	

TEST	REQUIREMENT	RESULT	
10.1.29	#1 WHEEL WHEELS NOT ROLLING	DC	
10.1.31	INDICATOR EXT. #1 WHEEL WHEELS NOT ROLLING INDICATOR ILL.	ACC ACC	
11.1.1	LO, LI, INDICATOR 1, 3, ILL.	ACC ACC	1 con Not C
11.2.2	RI, RO, INDICATOR 5, 7, ILL.	ACC	& Serial NOT C
11.3.2	ALL INDICATORS EXT.	ACC	1
11.4.3	INDICATORS 1,3 EXT.	ACC	/
11.5.2	INDICATORS 5,7 EXT.	ACC	21/4
11.6.2	ALL INDICATORS EXT.	ACC /	NIA

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