

**BILL OF MATERIALS**

Subsystem: Schrader TRUCK  
 Component: Transmitter  
 Car Model/Year: Eaton (steel gen1B)

Internal Part No: 70803003  
 Customer Part No: 70803003  
 Drawing No: 90810075

Date Issued: 26/03/99  
 ECN Reference:  
 Revision: B

Item	Part No.	Qty Per	Location	Identification No.	Chg. No.	Part Name	Manu. Crit.
1	30506004	1	C3	0805,+/-10%,X7R	A	CAP 100nF	
2	30508001	1	C8	0805,+80%,-20%,Y5V	A	CAP 1uF	
3	30510005	2	C6,7	C, +/-20%,10V,TANT	A	CAP 100uF	
4	30591002	2	C12,C16	0603,+/-0.25pF,COG	A	CAP 1.0pF	
5	30591004	1	C10	0603,+/-0.25pF,COG	A	CAP 3.9pF	
6	30591007	1	C15	0603,+/-0.25pF,COG	A	CAP 1.8pF	
7	30595001	1	C2	0603,+/-5%,COG	A	CAP 100pF	
8	30595004	1	C17	0603,+/-5%,COG	A	CAP 12pF	
9	30595006	1	C19	0603,+/-5%,COG	A	CAP 150pF	
10	30595009	1	C11	0603,+/-5%,COG	A	CAP 22pF	
11	30595013	1	C20	0603,+/-5%,COG	A	CAP 68pF	
12	30596001	2	C4,5	0603,+/-10%,X7R	A	CAP 4.7nF	
13	30596003	4	C13,14,18,21	0603,+/-10%,X7R	A	CAP 1.0nF	
14	30586001	1	R3	0603,+/-1%,0.1W	A	RES 11K	
15	30588001	1	R7	0603,+/-5%,0.1W	A	RES 680R	
16	30588002	5	R5,6,10,12,15	0603,+/-5%,0.1W	A	RES 4.7K	
17	30588003	4	R4,18,19,22	0603,+/-5%,0.1W	A	RES 10K	
18	30588004	1	R2	0603,+/-5%,0.1W	A	RES 12K	
19	30588005	1	R16	0603,+/-5%,0.1W	A	RES 0R	
20	30588007	1	R14	0603,+/-5%,0.1W	A	RES 6.8K	
21	30588008	1	R11	0603,+/-5%,0.1W	A	RES 27R	
22	30588040	1	R17	0603,+/-5%,0.1W	A	RES 47R	
23	30588041	1	R13	0603,+/-5%,0.1W	A	RES 1.2K	
24	30531002	1	ASIC	SSSM115	A	ASIC SOIC 28	
25	30534003	1	XTAL	MS1V-TK, +/- 100ppm	A	XTAL, 32.768kHz	
26	30551003	1	D1	BAS16	A	Diode, SOT23	
27	30552001	1	Q3	BCW31	A	Trans, NPN, SOT23	
28	30553002	1	Q4	BSR15	A	Trans, PNP, SOT23	
29	30555002	2	Q1,2	BFR35APE6327	A	RF Tran. SOT 23	
30	30571002	1		BR2477A	A	BATTERY	PANASONIC
31	30577002	1	L1	0805,+/-10%	A	IND. 27nH	COILCRAFT
32	30577005	1	L3	0805,+/-10%	A	IND. 39nH	COILCRAFT
33	30577017	1	L2	0805,+/-10%	A	IND. 180nH	COILCRAFT
34	30577020	1	L4	INA22722, +/-5%	A	IND. 7.2mH	PREDAN
35	30580010	1	SW1	BALLSPRING	A	Roll Switch	
36	30881001	1		Eaton v8	A	PCB	
37	30582002	1	SENSOR	NPP-301A-700A (100 PSI)	C	Pres. Sen. SO8	
38	30584001	1		RO2073A	A	Res. 315.00 MHz	RFM
39	10542001	1		90501001	C	Sensor Seal	
40	10561001	1		Par 96002	I	Adhesive Pad	
41	20525001	1	TI	90502003	D	Stem Tag	
42	20562001	2		M2.0 * 4 BT3PBBC	A	PCB/Tag Screw	
43	20565008	12mL		ER1448 (Mixed System)		Pot. Compound	
44	20846001	1		90802003	A	Barcode Label	

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45		1		90810046	B	FCC Label	
46	20859001	1		90802001	C	Insert	
47	40801004	1		90804001	D	Enclosure S.A.	
48	20546008			90502011	B	Shipping Label	
49	20547001	1		AXR7+(RIBBON)	A	Thermal Trans Ink	
50	20549001	2.5ml		Safe Wash 2000J	A	Safe Wash	
51	30543006	0.185g		SN62 RP11AG S89.5	A	Solder Cream	
52	30543007	0.16g		60 EN ECO SOL 105	A	No clean solder wire	
53	30543008	0.135g		ECO SOL 105	A	No clean solder wire	
54	80517001			S116/2	A	Shipping Box Base	
55	80517002			S116/1	A	Shipping Box Lid	
56	80517003			S116/4	A	4 Way Divider	
57	80517004			S116/3	A	11 Way Divider	

**NOTE -** For capacitors, unless otherwise stated, voltages in the range 16V - 100V are acceptable.

For resistors, capacitors and inductors tolerances tighter than specified are acceptable.

P.C.B. ASSEMBLY DRAWING:

Drawing Number: 90810074  
 Drawing Change Level: A  
 Board Reference: Eaton v8

CIRCUIT SCHEMATIC:

Drawing Number: 90810034  
 Drawing Change Level: B

PRODUCTION TEST SPEC.:

Specification Number: T.B.D.  
 Spec. Change Level: T.B.D.

ELECTRICAL ASSEMBLY:

Drawing Number: 90810073  
 Drawing Change Level: A

ISSUED: Sam Strahan

APPROVED: [Signature]

EXHIBIT H

Page 5 of 5