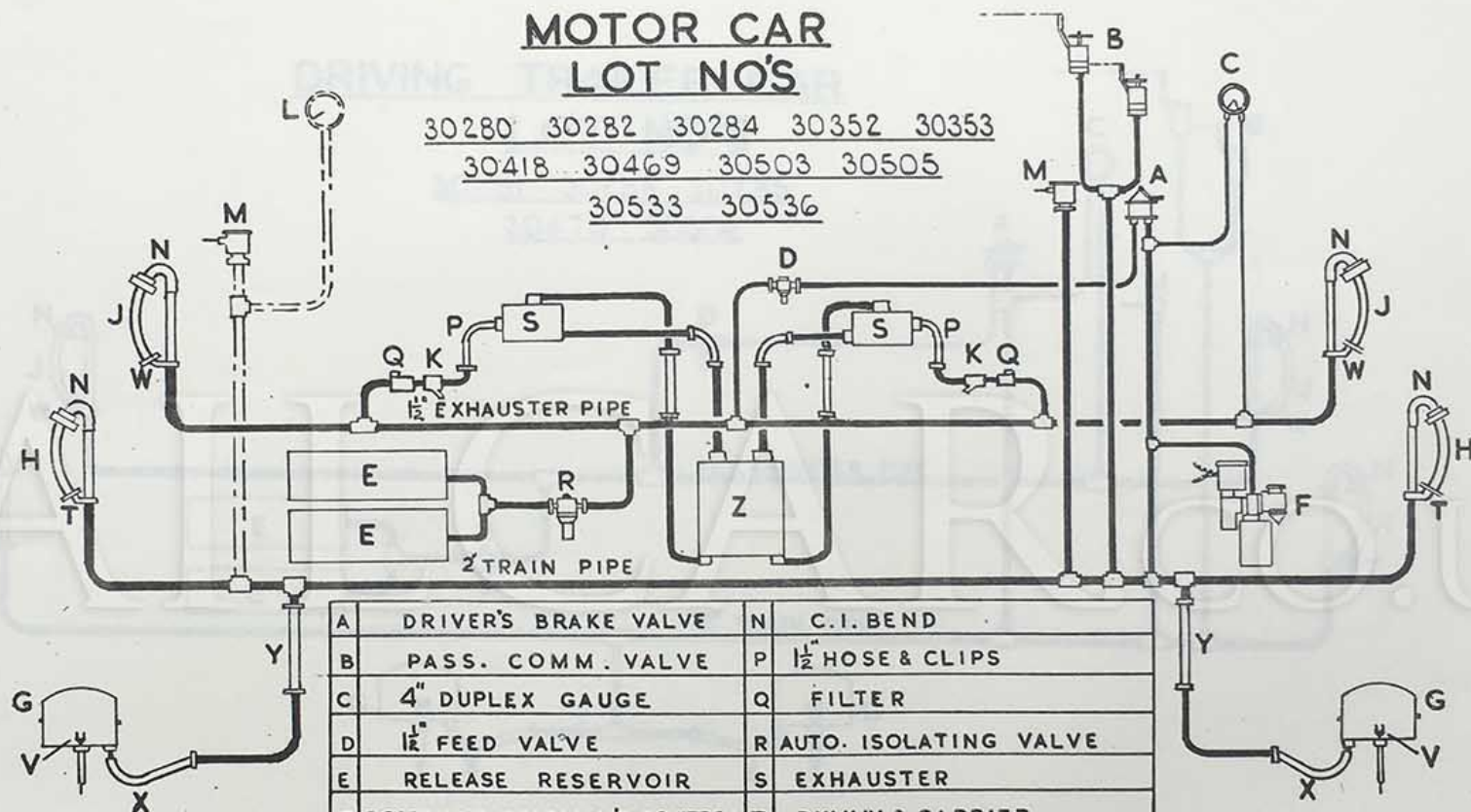


BRAKEWORK
FOR CRAVEN BUILT
DIESEL RAILCARS.



MOTOR CAR LOT NO'S

30280 30282 30284 30352 30353
30418 30469 30503 30505
30533 30536

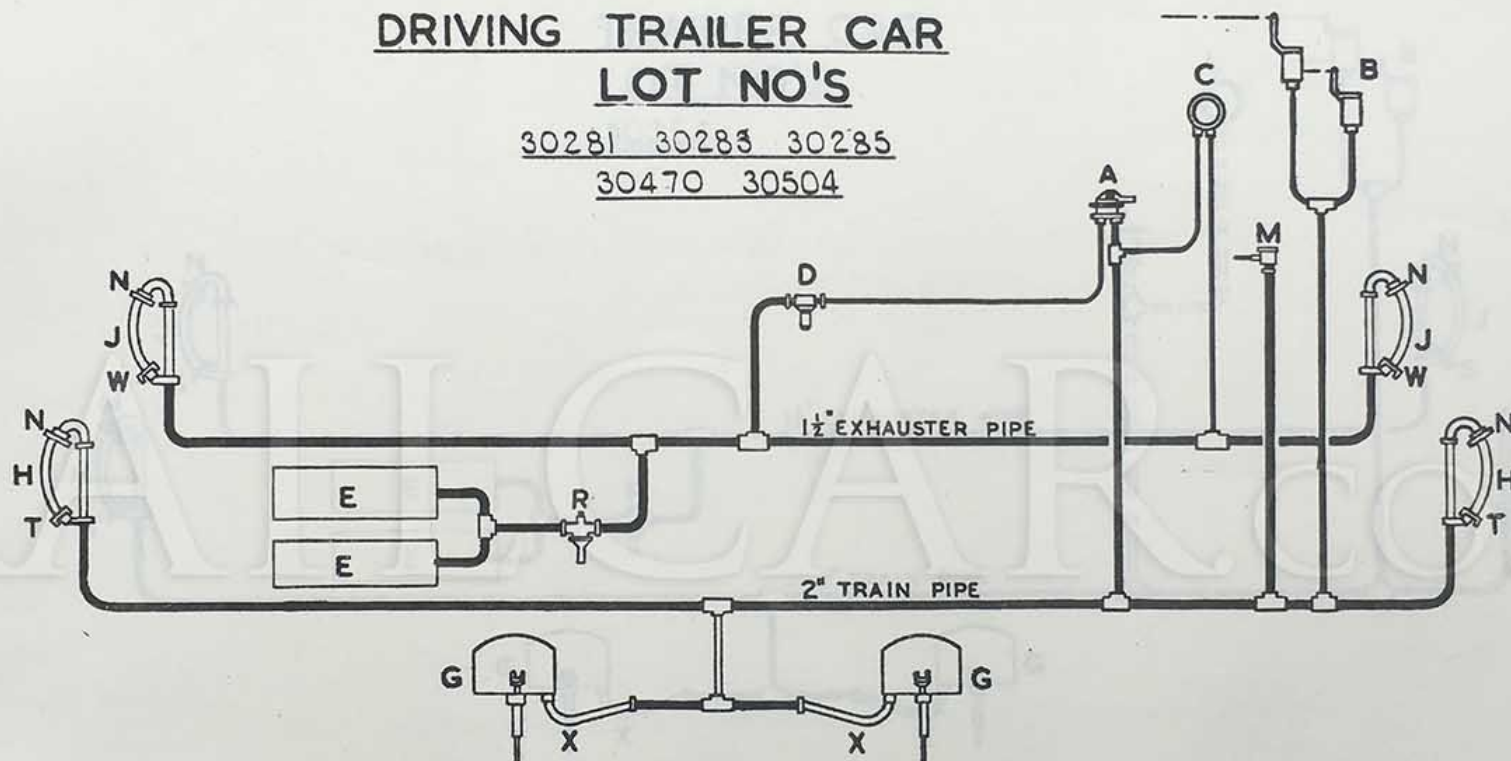


A	DRIVER'S BRAKE VALVE	N	C.I. BEND
B	PASS. COMM. VALVE	P	1 1/2" HOSE & CLIPS
C	4" DUPLEX GAUGE	Q	FILTER
D	1 1/2" FEED VALVE	R	AUTO. ISOLATING VALVE
E	RELEASE RESERVOIR	S	EXHAUSTER
F	COMBINED DEADMAN'S CONTROL	T	DUMMY & CARRIER
G	21" BRAKE CYLINDER	V	RELEASE VALVE
H	2" HOSE & COUPLING	W	DUMMY & CARRIER
J	2" HOSE & COUPLING	X	HOSE & CLIPS
K	1 1/2" NON-RETURN VALVE	Y	3/4" HOSE
L	6" SINGLE GAUGE	Z	OIL SEPARATOR
M	VAN VALVE		

**CARRIAGE & WAGON DRAWING
OFFICE
DERBY**

DRIVING TRAILER CAR LOT NO'S

30281 30283 30285
30470 30504

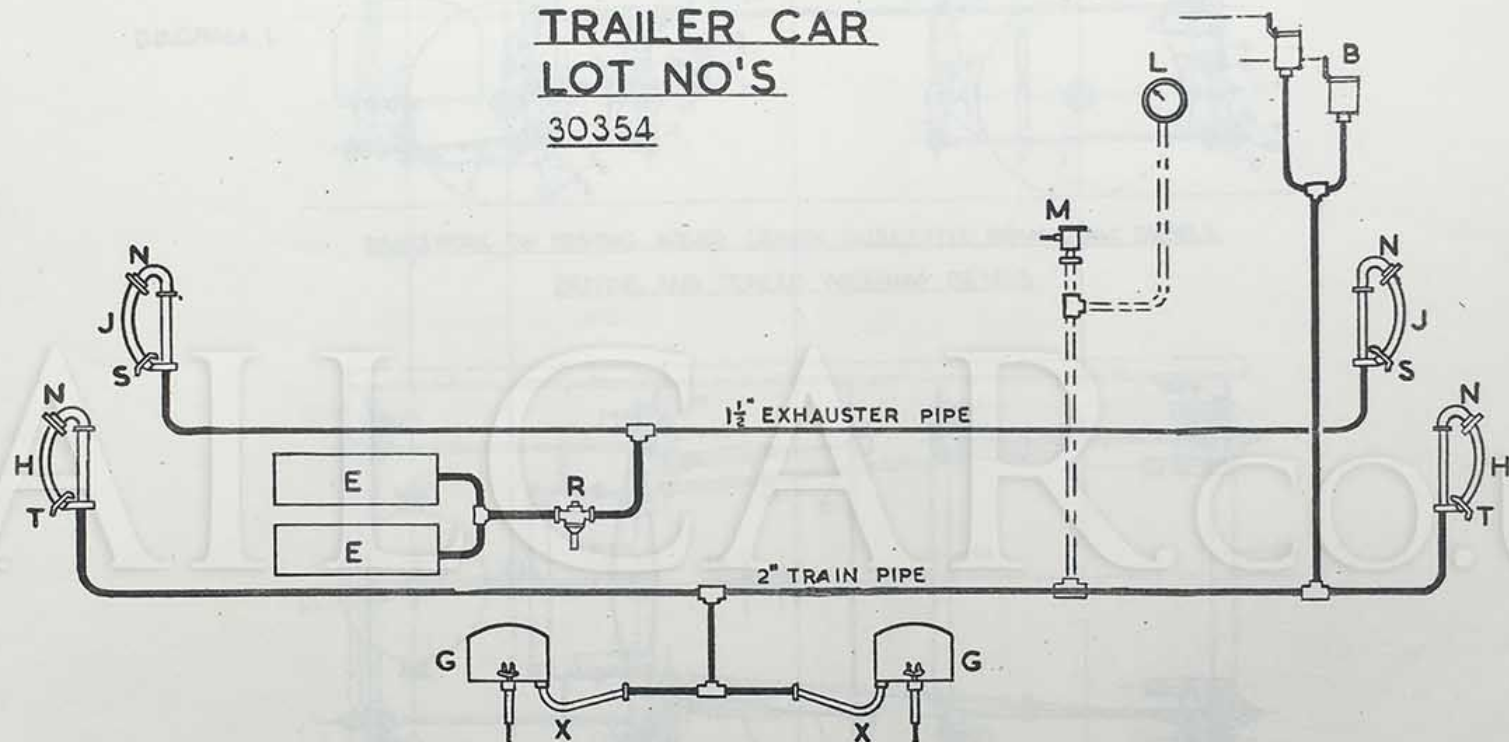


A	DRIVERS BRAKE VALVE	J	2" HOSE & COUPLING
B	PASS. COMM. VALVE	M	VAN VALVE
C	4" DUPLEX GAUGE	N	C.I. BEND
D	FEED VALVE	R	AUTO. ISOLATING VALVE
E	RELEASE RESERVOIR	T	DUMMY & CARRIER
G	18" BRAKE CYLINDER	W	DUMMY & CARRIER
H	2" HOSE & COUPLING	X	$\frac{3}{4}$ " HOSE & CLIPS

CARRIAGE & WAGON DRAWING OFFICE
DERBY.

TRAILER CAR LOT NO'S

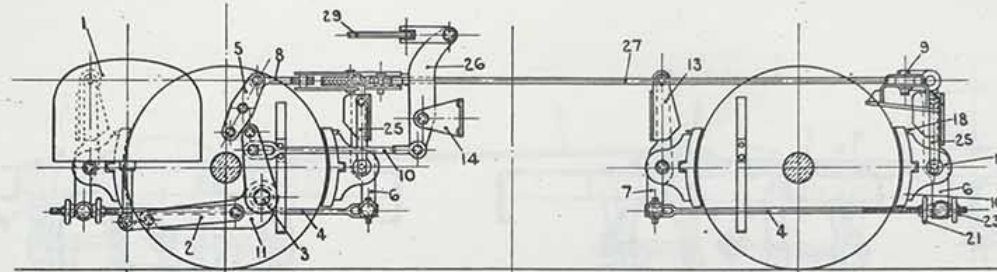
30354



B	PASS. COMM. VALVE	M	VAN VALVE
E	RELEASE RESERVOIR	N	C.I. BEND
G	18" BRAKE CYLINDER	R	AUTO. ISOLATING VALVE
H	2" HOSE & COUPLING	S	DUMMY & CARRIER
J	1 1/2" HOSE & COUPLING	T	DUMMY & CARRIER
L	6" SINGLE GAUGE	X	3/4" HOSE & CLIPS

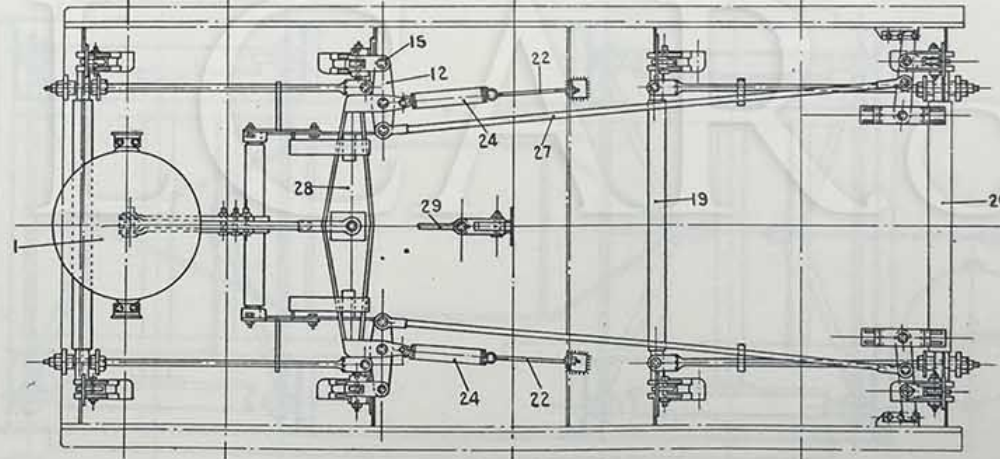
CARRIAGE & WAGON DRAWING OFFICE
DERBY

DIAGRAM. I.



BRAKEWORK ON DRIVING BOGIES CRAVEN, GLOUCESTER, BIRMINGHAM DIESELS.

DRIVING AND TRAILER WICKHAM DIESELS.



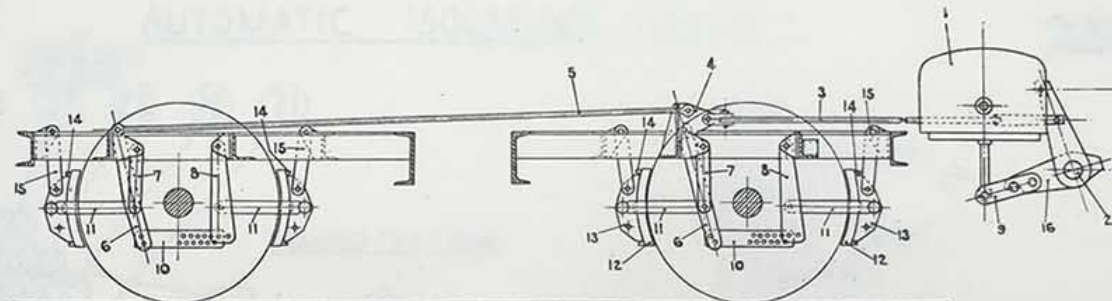
CARRIAGE & WAGON DRAWING OFFICE
DERBY

REF No	DESCRIPTION
1	A.V.B. CYLINDER.
2	CYLINDER LEVER LINK.
3	BRAKE SHAFT ASSEMBLY.
4	BOTTOM PULL ROD.
5	VERTICAL LEVER.
6	VERTICAL LEVER, BRAKE BLOCK
7	VERTICAL LEVER, BRAKE BLOCK
8	PULL ROD ADJUSTER
9	HORIZONTAL BRAKE ASSEMBLY
10	TOP PULL ROD.

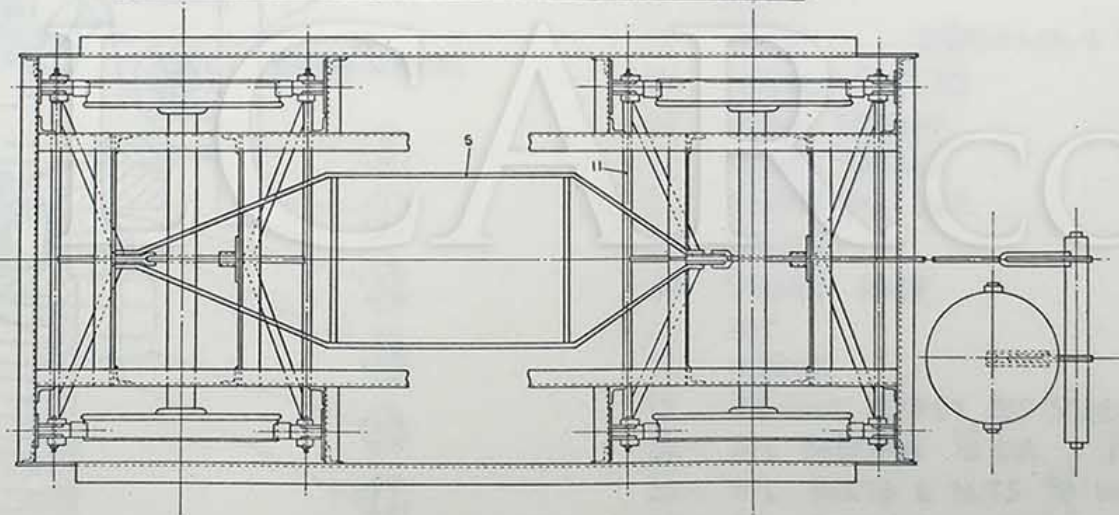
REF No	DESCRIPTION
11	FULCRUM LEVER.
12	HORIZONTAL LEVER
13	LEVER GUIDE
14	VERTICAL LEVER BRACKET
15	VERTICAL LEVER LINK
16	BRAKE BLOCK, SHOE.
17	PERMANENT BRAKE HEAD
18	BRAKE BLOCK KEY
19	INNER CROSSBAR
20	OUTER CROSSBAR

REF No	DESCRIPTION
21	ADJUSTING NUT
22	BRAKE RELEASE SPRING LINK, ADJUSTING
23	ADJUSTING NUT LOCKNUT
24	BRAKE RELEASE SPRING
25	BLOCK LINK
26	HANDBRAKE VERTICAL LEVER
27	BRAKE CONNECTING PULL ROD
28	BRAKE CROSSBEAM
29	HANDBRAKE PULL ROD.

DIAGRAM. 2.



BRAKEWORK ON TRAILER BOGIE CRAVEN BUILT DIESELS.



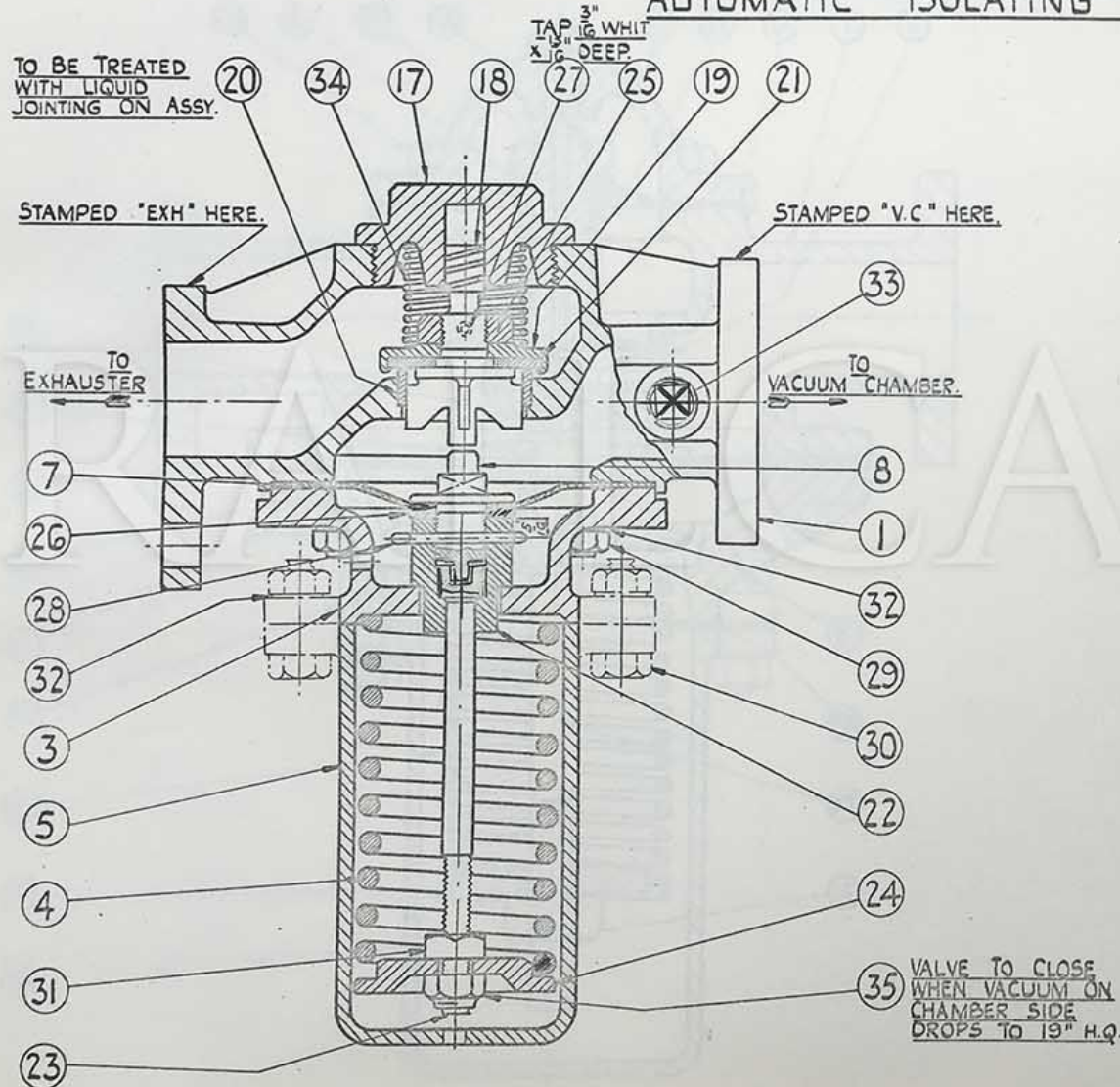
REF No	DESCRIPTION
1.	A.V.B. CYLINDER
2.	BRAKE SHAFT ASSEMBLY
3.	PULL ROD TO BOGIE
4.	EQUALISER
5.	YOKE PULL ROD ASSEMBLY
6.	PULL ROD VERTICAL LEVER
7.	VERTICAL LEVER HANGER
8.	FULCRUM LEVER

REF No	DESCRIPTION
9.	CYLINDER LINK
10.	PULL ROD ADJUSTING
11.	TRIANGULAR CROSSBAR
12.	BRAKE BLOCK SHOE
13.	PERMANENT BRAKE HEAD
14.	BRAKE BLOCK KEY
15.	BRAKE BLOCK HANGER
16.	POWER LEVER

CARRIAGE & WAGON DRAWING OFFICE
DERBY

AUTOMATIC ISOLATING VALVE.

DIAGRAM 3.

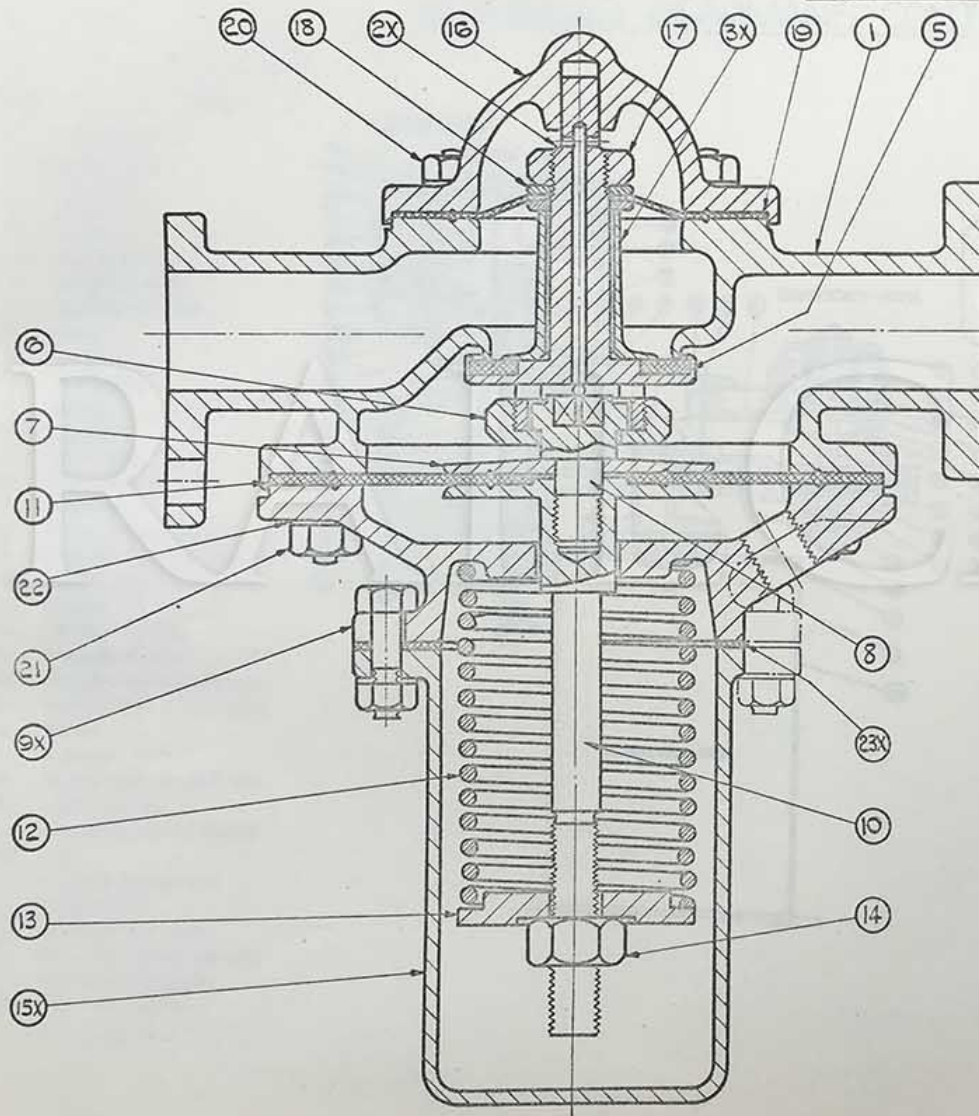


- | | |
|----|--|
| 1 | BODY |
| 3 | BOTTOM BODY |
| 4 | SPRING. |
| 5 | SPRING COVER |
| 7 | DIAPHRAGM |
| 8 | DIAPHRAGM PLUNGER |
| 17 | CAP |
| 18 | VALVE |
| 19 | WASHER HOLDER |
| 20 | VALVE SEATING |
| 21 | VALVE WASHER |
| 22 | DIAPHRAGM NUT. |
| 23 | SPINDLE |
| 24 | SPRING GUIDE |
| 25 | NUT |
| 26 | WASHER |
| 27 | $\frac{3}{16}$ " WHIT. SOCKET SET SCREW "UNBRAKO" $\frac{5}{16}$ " LONG. |
| 28 | STL. SPLITPIN $\frac{1}{8}$ " DIA. x $1\frac{3}{4}$ " LONG. |
| 29 | STL. BOLTS & NUTS $\frac{3}{8}$ " WHIT x $3\frac{1}{8}$ " LONG SCD $\frac{3}{4}$ " |
| 30 | STL. BOLTS & NUTS $\frac{3}{8}$ " WHIT x $1\frac{1}{4}$ " LONG SCD $\frac{3}{4}$ " |
| 31 | STL. NUT $\frac{3}{8}$ " WHIT. |
| 32 | TYPE 11 "SHAKEPROOF" WASHER No 1120 |
| 33 | STD $\frac{3}{8}$ " B.S.P. PLUG. |
| 34 | SPRING. |
| 35 | "G.K.N." AEROTIGHT STD. STIFF $\frac{3}{8}$ " WHIT NUT (JAWI) |

CARRIAGE & WAGON DRAWING OFFICE
DERBY

AUTOMATIC FEED VALVE

DIAGRAM 4



- 1 TOP BODY.
- 2X VALVE
- 3X SLEEVE FOR VALVE
- 4 WASHER
- 5 VALVE SEATING
- 6 ADAPTOR NUT
- 7 DIAPHRAGM PLATE
- 8 ADAPTOR
- 9X BOTTOM BODY
- 10 SPINDLE
- 11 DIAPHRAGM.
- 12 SPRING
- 13 ADJUSTING PLATE
- 14 ADJUSTING NUT
- 15X BOTTOM CAP
- 16 COVER
- 17 LOCK NUT
- 18 WASHER
- 19 DIAPHRAGM
- 20 STUDS & NUTS $\frac{1}{2}$ " B.S.W.
- 21 BOLTS & NUTS $\frac{1}{2}$ " B.S.W.
- 22 SHAKEPROOF LOCKING WASHERS. $\frac{3}{8}$ " 1/D.
- 23X JOINT.

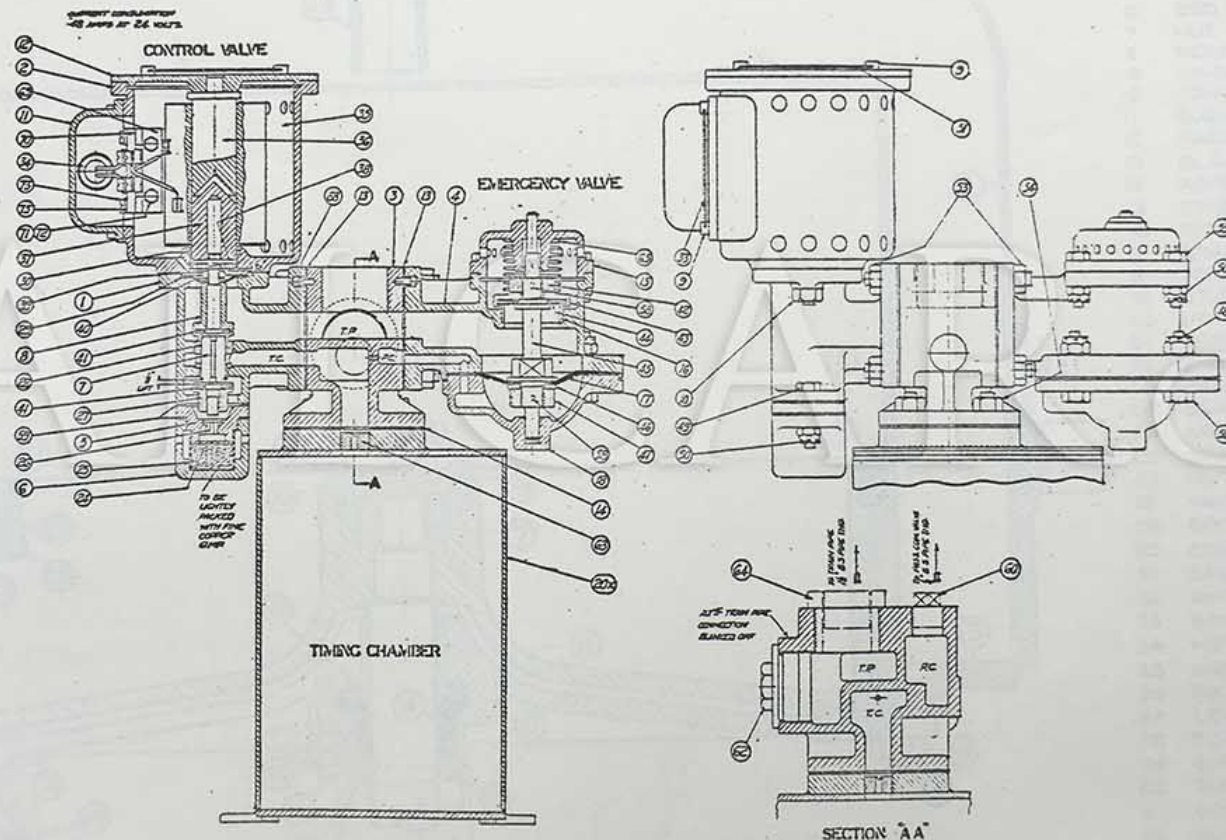
CARRIAGE & WAGON DRAWING OFFICE
DERBY

COMBINED DEADMAN'S CONTROL & EMERGENCY VALVE

DIAGRAM 5

Control Valve Assembly

Part No.	Description
1	Control Valve Body.
2	Solenoid Casing.
5	Strainer Body.
6	Strainer Cap.
7	Valve Guide.
8	Diaphragm Valve.
9°	Set Screw 1/2" B.S.W.
10	Studs & Nuts 1/2" B.S.W.
11	Cover.
12	Top Cover.
24	Strainer Plate.
25	Strainer.
26	Orifice Bush.
27	Valve Seating.
28	Seating for Body.
29°	Diaphragm.
30	Bush for Solenoid Casing.
33	Brass Locking Wire for Screws (9).
34°	Insulating Bush.
35°	Solenoid.
36	Contact Pin on Cover.
37	Contact Pin on Valve.
38	Phosphor Bronze Wire 3/32" dia.
39	Retaining Nut.
40	Washer.
41°	Valve Seat.
49°	Bolts and Castle Nuts 5/16" Whit.
50	Split Pin 3/32" dia.
51	Brass Locking Wire for Screws (9)
59°	Joint.
69	Bracket for Terminal Block.
70	Terminal Block.
71	Bolts and Nuts 1/2" B.S.W.
72	Brass Locking Wire for Bolts (71)
73	Brass Fixing Screws 2 B.A.
74°	Spring Washer 3/16" dia.
°	Recommended Spares.



Emergency Valve Assembly

Part No.	Description
4	Emergency Valve Body.
15	Top Cover.
16	Bush.
17°	Diaphragm.
18	Bottom Cover.
42	Nut for Valve.
43	Valve Holder.
44°	Valve Seating.
45	Valve Spindle.
46	Washer.
47	Nut for Diaphragm.
48	Split Pin 3/32" dia.
50	Split Pin 3/32" dia.
55°	Bolts and Castle Nuts 5/16" B.S.W.
56°	Bolts and Castle Nuts 1/2" B.S.W.
58°	Brass Grub screw.
65°	Spring.
Manifold and Timing Chamber Assembly	
Part No.	Description
3	Manifold.
13°	Joint.
14°	Joint.
20c	Timing Chamber Complete.
53	Studs and Nuts 1/2" B.S.W.
54	Studs and Nuts 1/2" B.S.W.
60	1/2" B.S.P. Plug (only required when P.C. connection is blanked).
62	1 1/2" Plug.
63	Bush.
64	Reducer (only required when specified).
68	Dowels 3/16" dia.

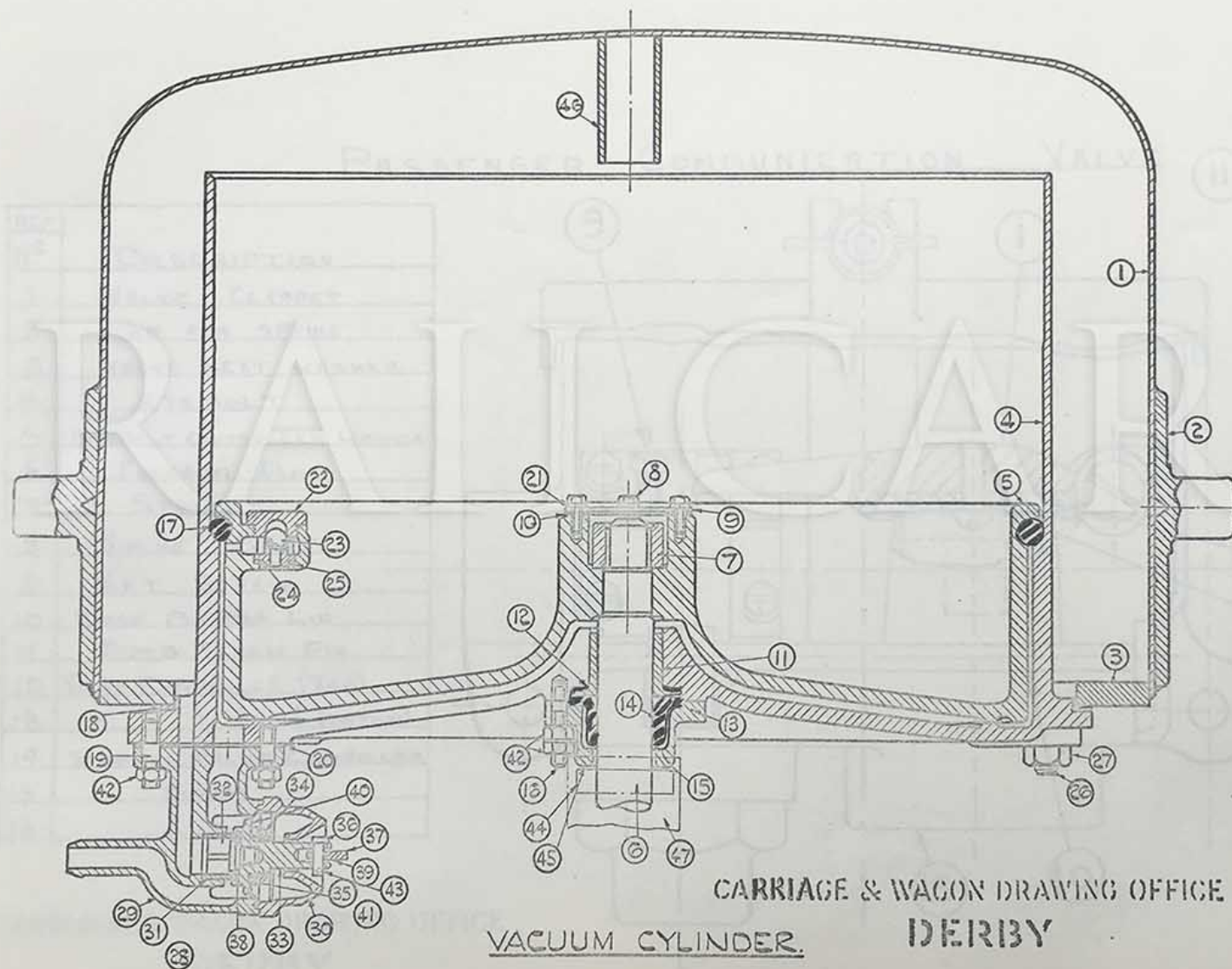


DIAGRAM 6

- 1 SHELL OUTER
- 2 TRUNNION.
- 3 RING, FOUNDATION.
- 4 SHELL INNER.
- 5 PISTON
- 6 ROD, PISTON
- 7 NUT, PISTON ROD.
- 8 SCREW $\frac{1}{4}$ " DIA. X $\frac{3}{8}$ " LONG.
- 9 WASHER, PISTON HEAD.
- 10 JOINT, PISTON HEAD WASHER.
- 11 BUSH PISTON ROD
- 12 PACKING, PISTON ROD BUSH.
- 13 GLAND, PISTON ROD.
- 14 INSERT, NYLON.
- 15 COVER, GLAND
- 16 STUD $\frac{3}{8}$ " DIA. GLAND COVER
- 17 RING, ROLLING
- 18 JOINT, FOUNDATION RING & CYLINDER
- 19 STUD, $\frac{3}{8}$ " DIA. RELEASE VALVE.
- 20 JOINT, RELEASE VALVE.
- 21 WASHER, SPRING FOR $\frac{1}{4}$ " DIA. SET SCREWS.
- 22 CAGE, PISTON BALL VALVE
- 23 BALLS $\frac{1}{2}$ " DIA. STAINLESS STEEL.
- 24 SEAT, PISTON BALL VALVE
- 25 SEAL "O" $\frac{7}{8}$ " O/D. X $\frac{1}{16}$ " I/D. X $\frac{3}{32}$ " DIA.
- 26 STUD, COVER $\frac{5}{8}$ " DIA.
- 27 NUT, FOR COVER STUD, $\frac{5}{8}$ " DIA. WHIT.
- 28 VALVE, RELEASE.
- 29 BODY, RELEASE VALVE.
- 30 COVER.
- 31 SEATING, VALVE
- 32 GUIDE, SPINDLE
- 33 SPINDLE
- 34 NUT, DIAPHRAGM
- 35 WASHER DIAPHRAGM
- 36 PIN, RELEASE VALVE LEVER.
- 37 LEVER, RELEASE VALVE.
- 38 SEATING, RELEASE VALVE.
- 39 BUSH, RELEASE VALVE LEVER.
- 40 DIAPHRAGM, RELEASE VALVE
- 41 BOLT, RELEASE VALVE COVER. $\frac{3}{8}$ " DIA. WHIT. X $\frac{1}{2}$ " LONG
- 42 NUT, RELEASE VALVE $\frac{3}{8}$ " DIA. WHIT.
- 43 SPLIT PIN, RELEASE VALVE LEVER PIN $\frac{3}{32}$ " DIA. X $\frac{5}{8}$ " LONG
- 44 SCREW, TRANSIT.
- 45 JOINT, TRANSIT SCREW.
- 46 STOP, PISTON.
- 47 SLEEVES, PISTON ROD.

DIAGRAM 7

PASSENGER COMMUNICATION VALVE

REF N ^o	DESCRIPTION
1	VALVE CLAPPET
2	CAP FOR SPRING
3	VALVE SEAT WASHER
4	EYE BOLT
5	EYEBOLT CONTROLLER WASHER
6	FULCRUM PIN
7	SPRING
8	VALVE SEAT
9	SET SCREW
10	HINGE PIN FOR LID
11	THUMB SCREW PIN
12	VALVE CONTROLLER (TOP)
13	" " (BOTTOM)
14	STOP FOR VALVE CONTROLLER
15	BODY
16	LID

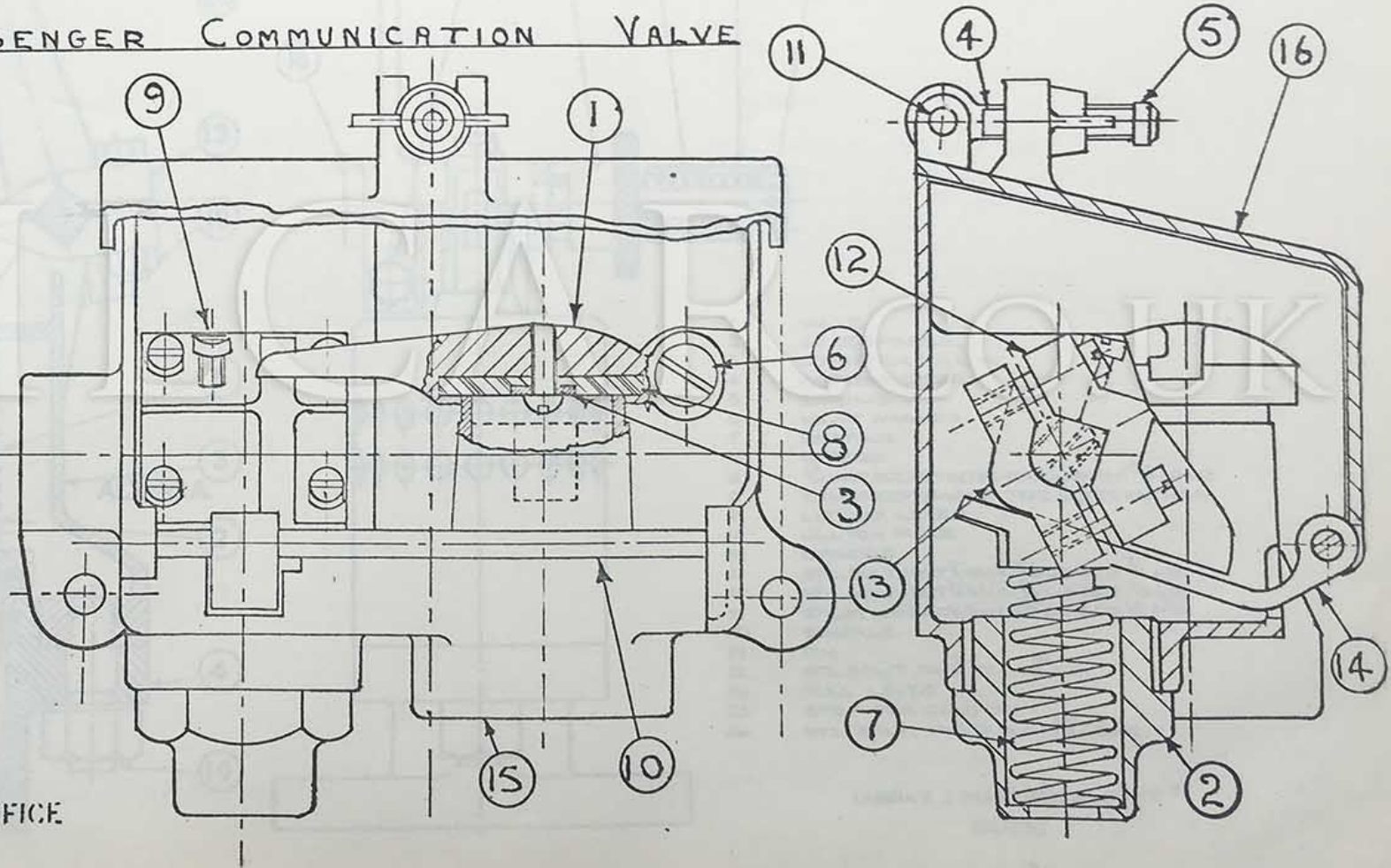
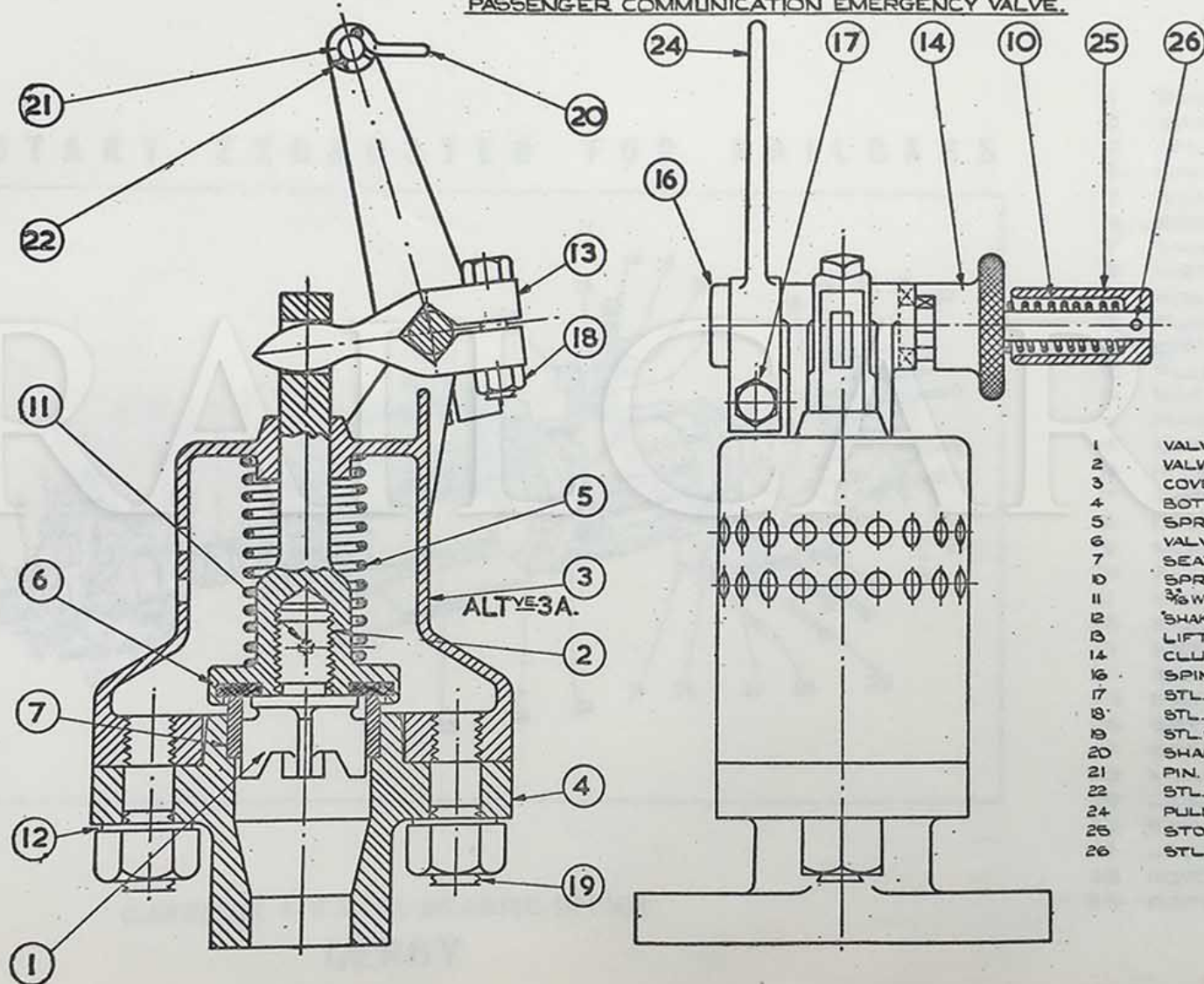


DIAGRAM 8

PASSENGER COMMUNICATION EMERGENCY VALVE.

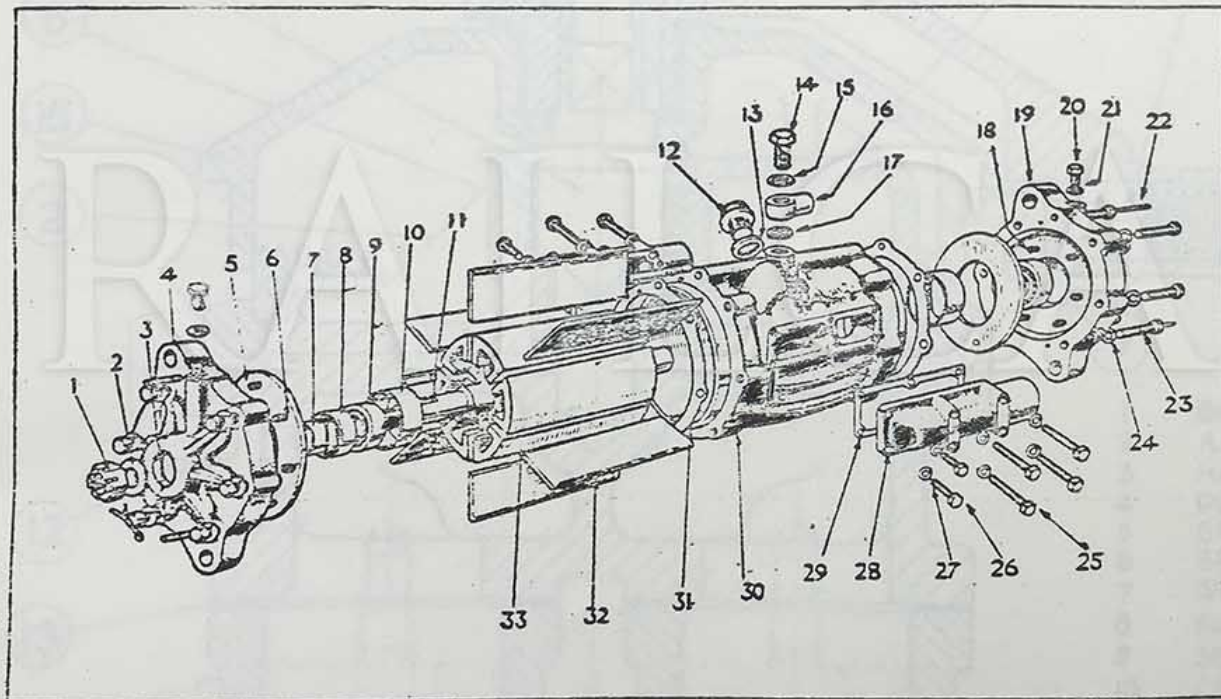


- 1 VALVE.
- 2 VALVE SPINDLE.
- 3 COVER RH. 3 A L.H.
- 4 BOTTOM COVER.
- 5 SPRING.
- 6 VALVE WASHER.
- 7 SEATING.
- 8 SPRING.
- 9 $\frac{3}{8}$ WHIT. SOCKET SETSCREW UNBRAKD $\frac{3}{16}$ LONG.
- 10 'SHAKEPROOF' WASHER TYPE II STOCK NO 1124.
- 11 LIFTING LEVER.
- 12 CLUTCH PIECE.
- 13 SPINDLE.
- 14 STL. BOLT & NUT $\frac{1}{4}$ WH. X $1\frac{1}{2}$ LG. SCD. $\frac{7}{16}$ LG.
- 15 STL. BOLT & NUT $\frac{1}{4}$ WH. X $1\frac{1}{2}$ LG. SCD. $\frac{7}{16}$ LG.
- 16 STL. STUDS & NUTS $\frac{1}{2}$ WH. X $1\frac{1}{2}$ LG. SCD. $\frac{1}{2}$ LG.
- 17 SHACKLE.
- 18 PIN.
- 19 STL. SPLIT PIN $\frac{1}{8}$ DIA. X $\frac{7}{16}$ LG.
- 20 PULL LEVER.
- 21 STOP FOR CLUTCH.
- 22 STL. SPLIT PIN $\frac{1}{8}$ DIA. X $\frac{15}{16}$ LONG.

CARRIAGE & WAGON DRAWING OFFICE
DERBY

DIAGRAM 9

ROTARY EXHAUSTER FOR RAILCARS

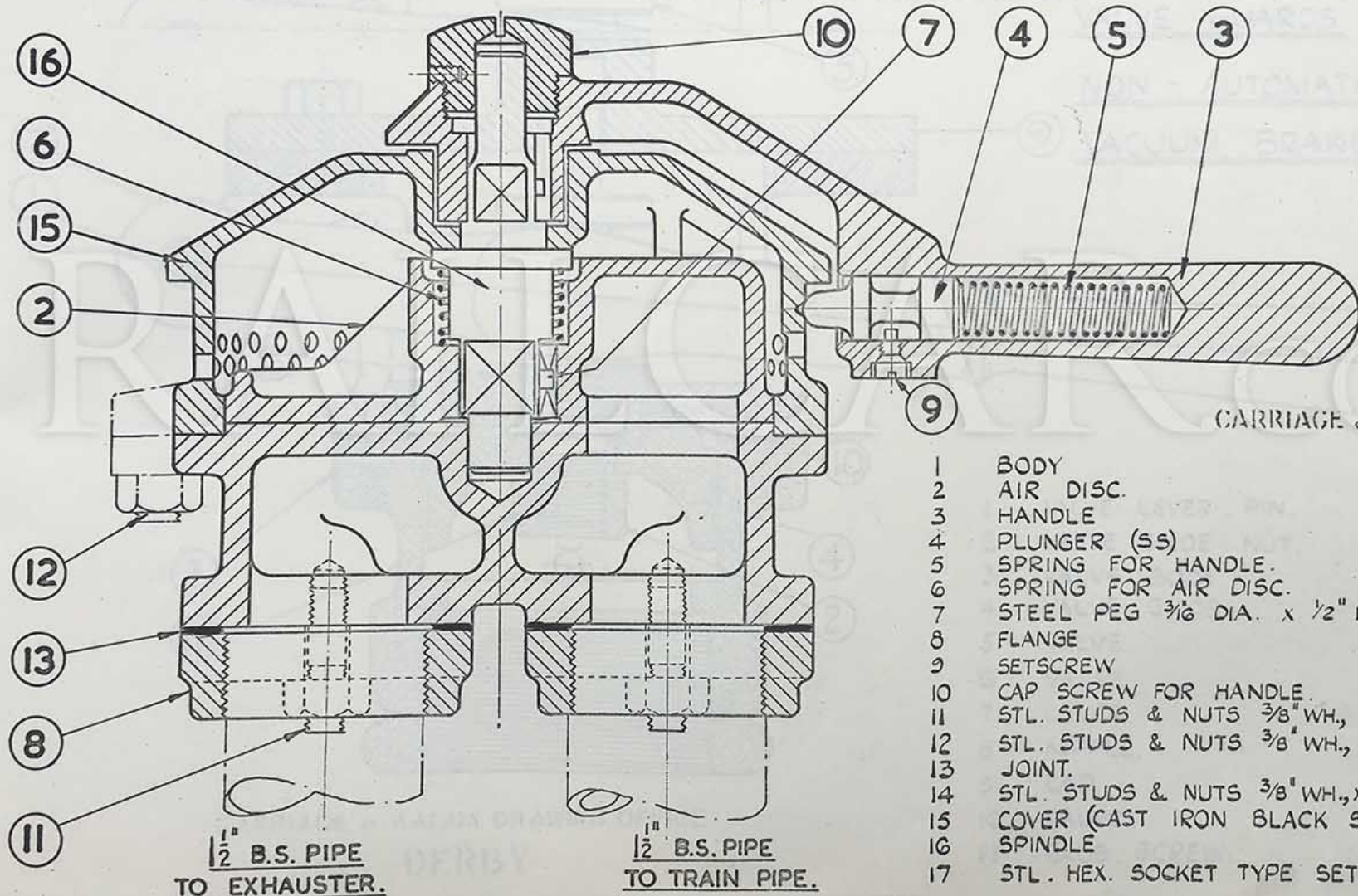


- 1 SHAFT NUT 5/8" BSF
- 2 WASHER.
- 3 SPLIT PIN.
- 4 DRIVE END COVER.
- 5 SEALING PLATE WITH PEG.
- 6 SEALING PLATE SPRING.
- 7 SHAFT COLLAR.
- 8 METAL INSERT SEAL.
- 9 ROLLER RACE.
- 10 FLOATING RING.
- 11 DRIVE KEY.
- 12 PLUG 1/2" BSF
- 13 SOFT COPPER WASHER
- 14 PIPE FASTENER
- 15 SOFT COPPER WASHER
- 16 PIPE CONNECTION.
- 17 SOFT COPPER WASHER
- 18 BALL RACE.
- 19 REAR END COVER
- 20 PLUG 1/4" BSF
- 21 SOFT COPPER WASHER
- 22 END COVER LOCATING PEG.
- 23 SETSCREW 3/8" BSF
- 24 SHAKEPROOF WASHER.
- 25 SETSCREW 5/16" BSF
- 26 SETSCREW 5/16" BSF
- 27 SPRING WASHER.
- 28 MANIFOLD.
- 29 JOINT FOR MANIFOLD.
- 30 EXHAUSTER BODY.
- 31 JOINT FOR END COVER.
- 32 ROTOR BLADE.
- 33 ROTOR AND SHAFT

CARRIAGE & WAGON DRAWING OFFICE
DERBY

DRIVERS BRAKE VALVE.

DIAGRAM 10

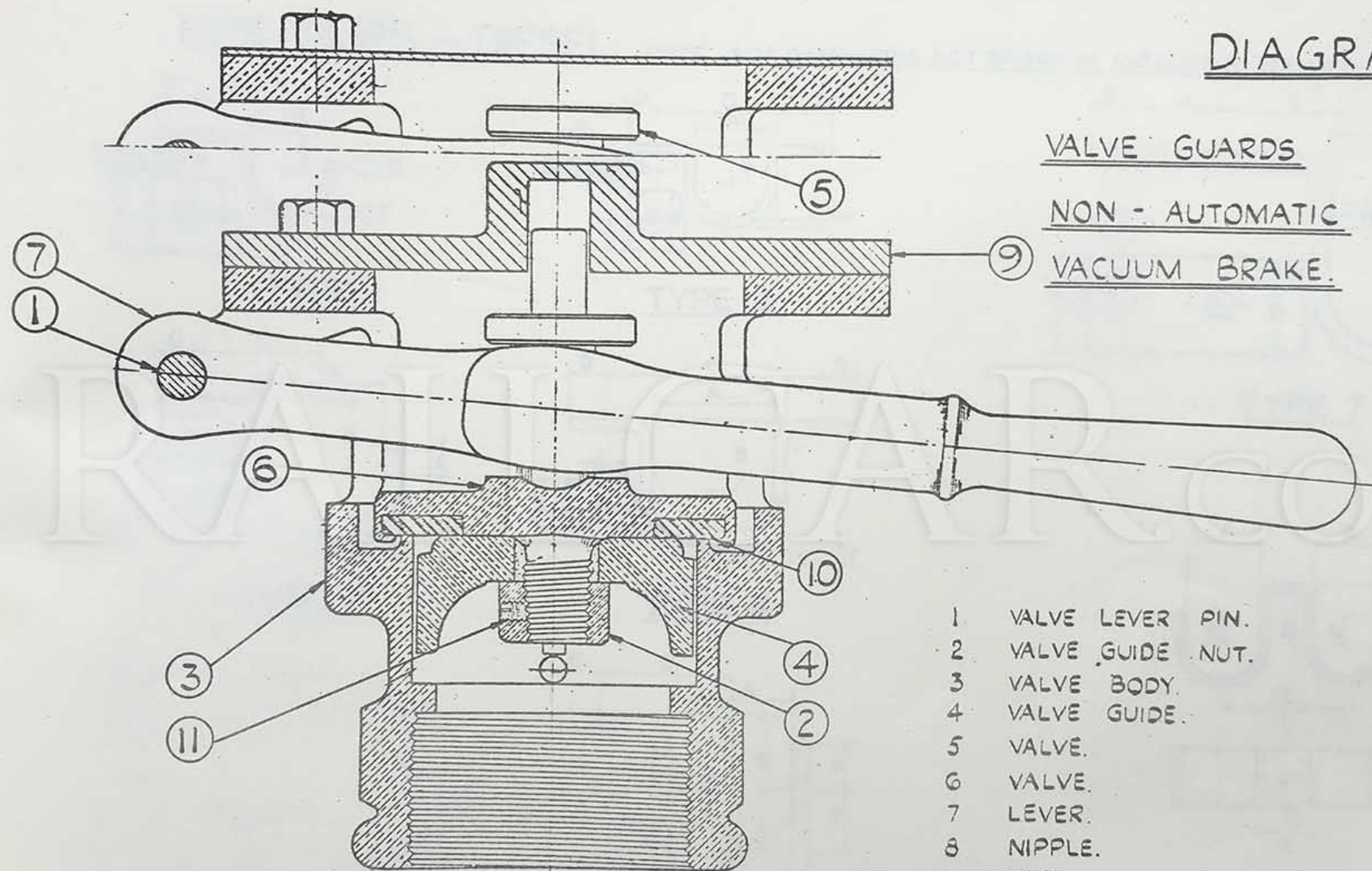


CARRIAGE & WAGON DRAWING OFFICE

DERBY

- 1 BODY
- 2 AIR DISC.
- 3 HANDLE
- 4 PLUNGER (SS)
- 5 SPRING FOR HANDLE.
- 6 SPRING FOR AIR DISC.
- 7 STEEL PEG $\frac{3}{16}$ " DIA. x $\frac{1}{2}$ " LONG.
- 8 FLANGE
- 9 SETSCREW
- 10 CAP SCREW FOR HANDLE.
- 11 STL. STUDS & NUTS $\frac{3}{8}$ " WH., $1\frac{3}{8}$ " LG., SCD. $\frac{3}{8}$ " & $\frac{5}{8}$ "
- 12 STL. STUDS & NUTS $\frac{3}{8}$ " WH., $1\frac{1}{4}$ " LG., SCD. $\frac{3}{8}$ " & $\frac{5}{8}$ "
- 13 JOINT.
- 14 STL. STUDS & NUTS $\frac{3}{8}$ " WH., x $1\frac{3}{16}$ " LG., SCD. $\frac{3}{8}$ " x $1\frac{1}{8}$ "
- 15 COVER (CAST IRON BLACK STOVE ENAMELLED)
- 16 SPINDLE
- 17 STL. HEX. SOCKET TYPE SETSCREW $\frac{3}{16}$ " WH. x $\frac{5}{16}$ " LG.

DIAGRAM II.



VALVE GUARDS

NON - AUTOMATIC

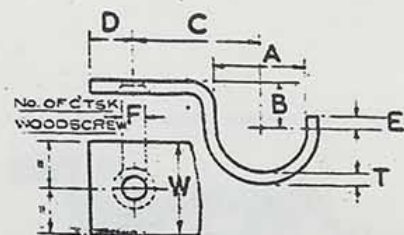
VACUUM BRAKE.

- 1 VALVE LEVER PIN.
- 2 VALVE GUIDE NUT.
- 3 VALVE BODY.
- 4 VALVE GUIDE.
- 5 VALVE.
- 6 VALVE.
- 7 LEVER.
- 8 NIPPLE.
- 9 CAP.
- 10 VALVE.
- 11 GRUB. SCREW.

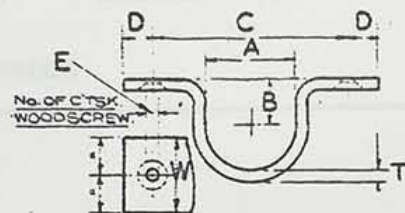
CARRIAGE & WAGON DRAWING OFFICE
DERBY

PIPE CLIPS — DIESEL

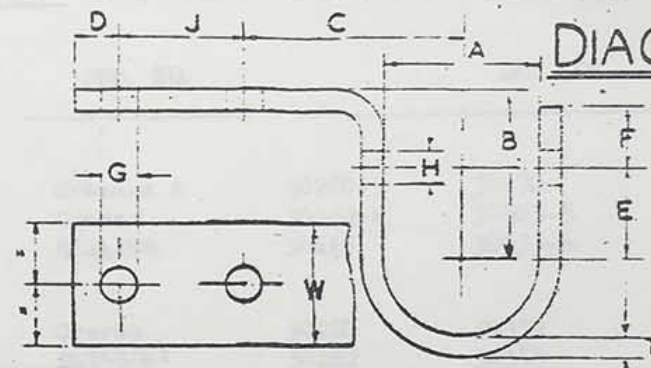
NOTE: —FOR DIMENSIONS NOT SHOWN IN CATALOGUE SEE DRG. No. DE/45529



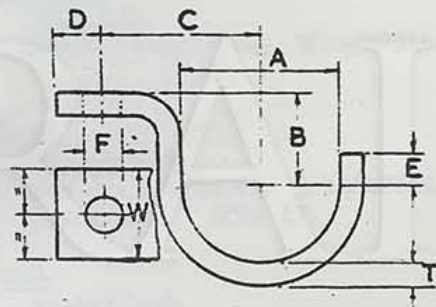
TYPE 1



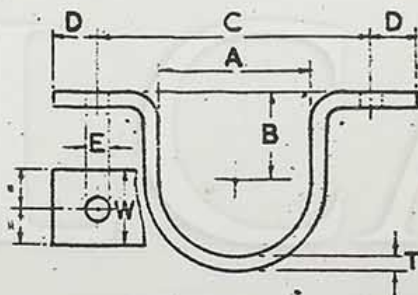
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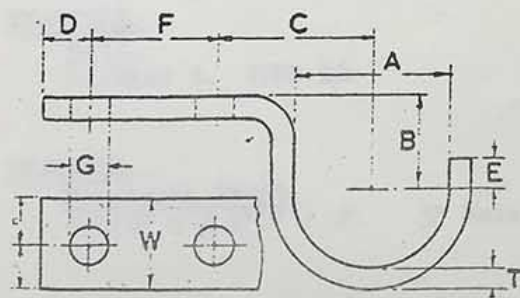
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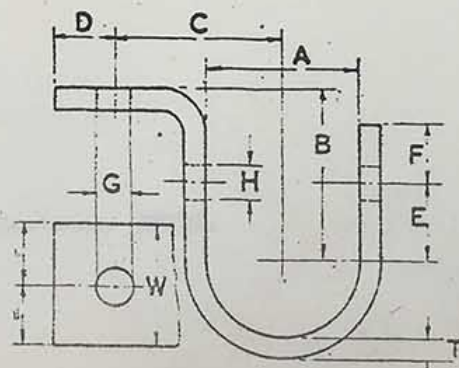
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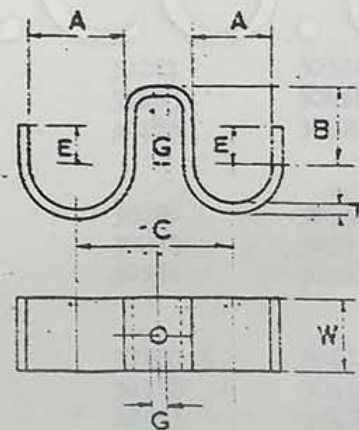
TYPE 4



TYPE 5



TYPE 6



TYPE 8

CARRIAGE & WAGON DRAWING OFFICE
DERBY

DIAGRAM 12

1 BRAKEWORK FOR CRAVEN BUILT DIESEL RAILCARS.

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>ADAPTORS.</u>				
1. 1/2" Feed Valve.	Gresham &	30280-5	30470	
DIAGRAM 4. ITEM 8.	Craven	30352-4	30503-5	
See Catalogue No. 9/14/40141	8/14196	30469	30533-6	
<u>ADJUSTERS.</u>				
Pull Rod.	Craven	30280	30352	30469
See Catalogue No. 9/14/40316.	24955/B ¹	30282	30353	30503
		30284	30418	30505
				30533-6
<u>BACKS.</u>				
Brakeblock.	DE. 45735	30280	30352	30469
See Catalogue No. 9/14/40821.	Craven	30282	30353	30503
DIAGRAM 1. ITEM 17.	24954/A	30284	30418	30505
				30533-6
<u>BACKS.</u>				
Brakeblock.	Craven	30281	30354	30504
See Catalogue No. 9/18/40521.	24953/A	30283	30418	30533-6
DIAGRAM 2. ITEM 13.	SC/SW/11	30285	30470	
<u>BEARINGS.</u>				
Ball.	Clayton	30280	30352	30503
DIAGRAM 9. ITEM 18.	Dewandre	30282	30353	30505
	157/513.	30284	30469	30533-6
<u>BEARINGS.</u>				
Handbrake Shaft.	Craven	30280-5	30418	30503-5
6. 3/4" x 2 1/2" x 2". 5" Hole Centres. STEEL.	25022/D	30352	30469	
		30353	30470	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BEARINGS.</u>				
<u>Handbrake Spindle.</u> 6" dia with 1.1/2" dia hole at 70°, STEEL.	Craven 25030/E	30280-5 30352-4 30418	30469 30470 30503-5	
<u>BEARINGS.</u>				
<u>Roller.</u> See Catalogue No. 9/43/31252. DIAGRAM 9. ITEM 9.	Clayton Dewandre. 157/508	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>BLADES.</u>				
<u>Rotor, Exhauster.</u> See Catalogue No. 9/14/40976. DIAGRAM 9. ITEM 32.	Clayton Dewandre. R.E. 513-2	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>BLOCKS.</u>				
<u>Terminal.</u> <u>Combined Deadmans Control & Emergency Valve.</u> DIAGRAM 5. ITEM 70.	Gresham & Craven 70/13924	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>BODIES.</u>				
<u>1.1/2" Automatic Isolating Valve.</u> <u>7.1/2" over flanges, Aluminium.</u> DIAGRAM 3. ITEM 1	Gresham & Craven 1/14255M	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>BODIES.</u>				
<u>Bottom 1" & 1.1/2" Automatic Isolating Valve.</u> DIAGRAM 3. ITEM 3. ALUMINIUM.	Gresham & Craven 3/14139L	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>BODIES.</u>				
<u>Bottom 1.1/2" Feed Valve.</u> See Catalogue No. 9/14/41476. DIAGRAM 4. ITEM 9.	Gresham & Craven 9A/11800	30280-5 30352-4 30469	30470 30503-5 30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BODIES.</u>				
<u>Control Valve.</u>	Gresham &	30280	30352	30503
Combined Deadmans Control & Emergency Valve.	Craven	30282	30353	30505
DIAGRAM 5. ITEM 1.	1/13924.	30284	30469	30533-6
<u>BODIES.</u>				
<u>Drivers Brake Valve.</u>	Gresham &	30280-5	30470	
DIAGRAM 10. ITEM 1.	Craven	30352-4	30503-5	
	1/13552	30469	30533-6	
<u>BODIES.</u>				
<u>Emergency Valve. Combined Deadmans Control.</u>	Gresham &	30280-5	30470	
DIAGRAM 5. ITEM 4.	Craven	30352-4	30503-5	
	4/13924	30469	30533-6	
<u>BODIES.</u>				
<u>Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/41376.	Dewandre	30282	30353	30505
DIAGRAM 9. ITEM 30.	R.E. 23-1	30284	30469	30533-6
<u>BODIES.</u>				
<u>Release Valve. Vacuum Brake Cylinder 18" & 21".</u>	SW/DE/64468	30280-5	30470	
See Catalogue No. 9/19/4852.		30352-4	30503-5	
DIAGRAM 6. ITEM 29.		30469	30533-6	
<u>BODIES.</u>				
<u>Strainer. Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280	30352	30503
DIAGRAM 5. ITEM 5.	Craven	30282	30353	30505
	3/13924	30284	30469	30533-6
<u>BODIES.</u>				
<u>Top. 1.1/2" Feed Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/41486.	Craven	30352-4	30503-5	
DIAGRAM 4. ITEM 1.	1A/11800	30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BOLTS.</u>				
<u>Brakeblock Suspension.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/41674.	24954/D	30282	30353	30503
		30284	30418	30505
				30533-6
<u>BOLTS.</u>				
<u>Brakeblock Suspension.</u>	Craven	30281	30354	30533-6
See Catalogue No. 9/14/41686.	24959/Y	30283	30470	
		30285	30504	
<u>BOLTS.</u>				
<u>Release Spring.</u>				
Hook. (U/frame to Brakeshaft Lever)	Craven	30281	30354	
4" o/all x 1/2" dia. Screwed 1/2" dia whit. x 2.3/4". STEEL.	25021/E1	30283	30470	
		30285	30504	
<u>BOLTS.</u>				
<u>Suspension.</u>	DE. 56470/3			
See Catalogue No. 9/14/41681.	D13/2632/8	30280	30352	30469
	Craven	30282	30353	30503
	24954/B	30284	30418	30505
				30533-6
<u>BRACKETS.</u>				
<u>Adjusting Screw (Release Spring)</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/42136.	24961/D	30282	30353	30503
		30284	30418	30505
				30533-6
<u>BRACKETS.</u>				
<u>Bearing, Passenger Communication</u>	SC/ES/139/1	30280-5	30469	30533-6
See Catalogue No. 9/18/41381	Craven	30352-4	30470	
	24833/V	30418	30503-5	
<u>BRACKETS.</u>				
<u>Bearing, Passenger Communication.</u>	SC/ES/139/2	30280-5	30469	30533-6
See Catalogue No. 9/18/41386.	Craven	30352-4	30470	
	24833/R	30418	30503-5	

DESCRIPTION.	DRG. NO.	LOT NOS.
<u>BRACKETS.</u>		
<u>Block Link, Brake Trimmer.</u>	Craven	30281 30354 30533-6
9.3/8" x 6" x 4.5/16" L.H. STEEL.	24960/F	30283 30470
		30285 30504
<u>BRACKETS.</u>		
<u>Block Link, Brake Trimmer.</u>	Craven	30281 30354 30533-6
9.3/8" x 6" x 4.5/16" R.H. STEEL.	24960/E	30283 30470
		30285 30504
<u>BRACKETS.</u>		
<u>Block Link, Headstock.</u>	Craven	30281 30354 30533-6
See Catalogue No. 9/14/42476.	24960/A	30283 30470
		30285 30504
<u>BRACKETS.</u>		
<u>Horizontal Lever.</u>	Craven	30281 30352 30469
1'2" x 3" complete. STEEL.	24957/A	30280 30353 30503
	Birmingham	30282 30418 30505
	A.11559/G	30284 30533-6
	DE. 34787/2	
<u>BRACKETS.</u>		
<u>Release Spring.</u>	Craven	30281 30354 30533-6
9" x 3" x 3/8". STEEL.	24960/D ¹	30283 30470
		30285 30504
<u>BRACKETS.</u>		
<u>Rod, Passenger Communication.</u>	SC/ES/183.	30280-5 30469 30533-6
See Catalogue No. 9/18/41601.	Craven	30352-4 30470
	24833/N	30418 30503-5
<u>BRACKETS.</u>		
<u>Support, Passenger Communication Shield.</u>	Craven	30281 30354 30533-6
2.1/2" x 2.3/8" x 3/4". L.H. STEEL.	24832/F	30283 30470
		30285 30504

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BRACKETS.</u>				
<u>Support. Passenger Communication Shield.</u> 2.1/2" x 2.3/8" x 3/4". R.H. STEEL.	Craven 24832/F	30281 30283 30285	30354 30470 30504	30533-6
<u>BRACKETS.</u>				
<u>Support. Passenger Communication Shield.</u> 3.3/4" x 1.3/4" x 3/4". L.H. STEEL.	Craven 24832/E	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>BRACKETS.</u>				
<u>Support. Passenger Communication Shield.</u> 3.3/4" x 1.3/4" x 3/4". R.H. STEEL.	Craven 24832/E	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>BRACKETS.</u>				
<u>Suspension. Trunnion (A.V.B. Cylinder)</u> 5.3/4" x 4.1/2" x 5/8". STEEL.	Craven 24955/V	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>BRACKETS.</u>				
<u>Terminal Block. Combined Deadmans Control & Emergency Valve.</u> DIAGRAM 5. ITEM 69.	Gresham & Craven 69/13924	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>BRACKETS.</u>				
<u>Vertical Lever.</u> Base. 5.3/4" x 4" x 5/8". Arm. 7.1/2" x 3" x 1", with 1.1/64" dia hole. STEEL.	Craven 24957/C1	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BRACKETS.</u>				
<u>Vertical Lever.</u> 7.1/2" x 4" tapering to 3" x 1" thick. STEEL.	Craven 24955/Y	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>BRACKETS.</u>				
<u>Vertical Lever (Handbrake)</u> 8.1/2" x 7.1/4" x 6.1/2". 5" x 4" hole centres. STEEL DIAGRAM 1. ITEM 14.	Craven 24958/R.	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>BRACKETS.</u>				
<u>Vertical Lever Hanger.</u> See Catalogue No. 9/14/43446.	Craven 24960/R	30281 30283 30285	30354 30470 30504	30533-6
<u>BRACKETS.</u>				
<u>Vertical Lever Hanger.</u> See Catalogue No. 9/14/43466	Craven 24960/N	30281 30283 30285	30354 30470 30504	30533-6
<u>BRACKETS.</u>				
<u>Vertical Lever Hanger.</u> See Catalogue No. 9/14/43486.	Craven 24960/K	30281 30283 30285	30354 30470 30504	30533-6
<u>BRACKETS.</u>				
<u>Vertical Lever Hanger.</u> See Catalogue No. 9/14/43487.	Craven 24960/J	30281 30283 30285	30354 30470 30504	30533-6
<u>BUSHES.</u>				
<u>Brake.</u> See Catalogue No. 9/14/43797.	Craven 24962/B/1A	30280-5 30352-4 30418	30469 30470 30503-5	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BUSHES.</u>				
<u>Brake.</u>	Craven	30280-5	30469	30533-6
See Catalogue No. 9/14/43807.	24962/B/2A	30352-4	30470	
		30418	30503-5	
<u>BUSHES.</u>				
<u>Brake.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/43817.	24962/B/5A	30282	30353	30503
		30284	30418	30505
				30533-6
<u>BUSHES.</u>				
<u>Brake.</u>	Craven	30280-5	30469	30533-6
See Catalogue No. 9/14/43827.	24962/B/3A	30352-4	30470	
		30418	30503-5	
<u>BUSHES.</u>				
<u>Brake.</u>	Craven	30280-5	30469	30533-6
See Catalogue No. 9/14/43837.	24962/B/4A	30352-4	30470	
		30418	30503-5	
<u>BUSHES.</u>				
<u>Brake.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/43847.	24962/B/6A	30282	30353	30503
		30284	30418	30505
				30533-6
<u>BUSHES.</u>				
<u>Brake.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/43857.	24962/B/7A	30282	30353	30503
		30284	30418	30505
				30533-6
<u>BUSHES.</u>				
<u>Brake.</u>	Craven	30280-5	30469	30533-6
See Catalogue No. 9/14/43957.	24962/B/1B	30352-4	30470	
		30418	30503-5	

DESCRIPTION.	DRG. NO.	LOT NOS.
<u>BUSHES.</u>		
<u>Brake.</u>	Craven	30280
See Catalogue No. 9/14/43977.	24962/B/2B	30282
		30284
		30352
		30353
		30418
		30469
		30503
		30505
		30533-6
<u>BUSHES.</u>		
<u>Brake.</u>	Craven	30280
See Catalogue No. 9/14/43987.	24962/B/3B	30282
		30284
		30352
		30353
		30418
		30469
		30503
		30505
		30533-6
<u>BUSHES.</u>		
<u>Brake.</u>	Craven	30280
See Catalogue No. 9/14/43997.	24962/B/4B	30282
		30284
		30352
		30353
		30418
		30469
		30503
		30505
		30533-6
<u>BUSHES.</u>		
<u>Brake.</u>	Craven	30280
See Catalogue No. 9/14/44107.	24962/B/1C	30282
		30284
		30352
		30353
		30418
		30469
		30503
		30505
		30533-6
<u>BUSHES.</u>		
<u>Brake.</u>	Craven	30280
See Catalogue No. 9/14/44207	24962/B/1D	30282
		30284
		30352
		30353
		30418
		30469
		30503
		30505
		30533-6
<u>BUSHES.</u>		
<u>Brake.</u>	Craven	30280
See Catalogue No. 9/14/44427.	24962/B/1E	30282
		30284
		30352
		30353
		30418
		30469
		30503
		30505
		30533-6
<u>BUSHES.</u>		
<u>Brake.</u>	Craven	30280
See Catalogue No. 9/14/44527.	24962/B/1F	30282
		30284
		30352
		30353
		30418
		30469
		30503
		30505
		30533-6

DESCRIPTION.				DRG. NO.	LOT NOS.		
<u>BUSHES.</u>							
<u>Brake.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>	Craven 25022/V	30281	30470	
<u>I/dia.</u>	<u>1"</u>	<u>3/4"</u>	Brakeshaft Lever. STEEL.		30283	30504	
21/32"					30285		
<u>BUSHES.</u>							
<u>Brake.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>	Craven 25022/W	30280	30352	30469
<u>I/dia.</u>	<u>1.1/4"</u>	<u>3/8"</u>	Handbrake Pull Rod. STEEL.		30282	30353	30503
25/32"					30284	30418	30505
<u>BUSHES.</u>							
<u>Brake.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>	Craven 25022/X	30281	30354	
<u>I/dia.</u>	<u>1.1/4"</u>	<u>23/32"</u>	Pull Rod to Bogie. STEEL.		30283	30470	
25/32"					30285	30504	
<u>BUSHES.</u>							
<u>Brake.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>	Craven 25022/Y	30280-5	30469	
<u>I/dia.</u>	<u>1.1/4"</u>	<u>3/4"</u>	Handbrake Pull Rod, Brakeshaft Lever, Pull Rod to Bogie. STEEL.		30352-4	30470	
25/32"					30418	30503-5	
<u>BUSHES.</u>							
<u>Brake.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>	Craven 25022/Z	30280	30352	30469
<u>I/dia.</u>	<u>1.1/4"</u>	<u>27/32"</u>	Handbrake Link. STEEL.		30282	30353	30503
25/32"					30284	30418	30505
<u>BUSHES.</u>							
<u>Brake.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>	Craven 25022/P ¹	30280	30352	30469
<u>I/dia.</u>	<u>1.1/4"</u>	<u>23/32"</u>	Handbrake Link. STEEL.		30282	30353	30503
29/32"					30284	30418	30505

DESCRIPTION.					DRG. NO.	LOT NOS.		
<u>BUSHES.</u>								
<u>Brake.</u>								
<u>I/dia.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>		Craven	30281	30354	
29/32".	1.1/4"	15/16"	Full Rod to Bogie.	STEEL.	25022/H ¹	30283	30470	
						30285	30504	
<u>BUSHES.</u>								
<u>Brake.</u>								
<u>I/dia.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>		Craven	30281	30470	
1.5/32".	1.1/2"	3/8"	Brakeshaft Lever.	STEEL.	25022/B ¹	30283	30504	
						30285		
<u>BUSHES.</u>								
<u>Brake.</u>								
<u>I/dia.</u>	<u>O/dia.</u>	<u>Length.</u>	<u>Position.</u>		Craven	30281	30470	
1.5/32"	1.1/2"	3/4"	Brakeshaft Lever.	STEEL.	25022/C ¹	30283	30504	
						30285		
<u>BUSHES.</u>								
<u>Brakeblock Link.</u>					Craven	30280	30352	30469
See Catalogue No. 9/14/43617.					24958/Q	30282	30353	30503
						30284	30418	30505
								30533-6
<u>BUSHES.</u>								
<u>Brake Screw Spindle.</u>					Craven	30280-5	30418	30503-5
1.9/64" i/dia x 1.1/2" o/dia x 1/2". BRASS.					25065/B	30352	30469	
						30353	30470	
<u>BUSHES.</u>								
<u>Combined Deadmans Control & Emergency Valve.</u>					Gresham &	30280-5	30470	
See Catalogue No. 9/14/44727.					Craven	30352-4	30503-5	
DIAGRAM 5. ITEM 63.					24/13544	30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BUSHES.</u>				
<u>Combined Deadmans Emergency Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/44747.	Craven	30352-4	30503-5	
DIAGRAM 5. ITEM 16.	16/13924	30469	30533-6	
<u>BUSHES.</u>				
<u>Handbrake Spindle Bearing</u>	Craven	30280-5	30469	
1.9/64" i/dia x 1.1/2" o/dia x 1.1/16" GUNMETAL.	25030/G	30352-4	30470	
		30418	30503-5	
<u>BUSHES.</u>				
<u>Insulating. Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280	30352	30503
See Catalogue No. 9/14/44927.	Craven	30282	30353	30505
DIAGRAM 5. ITEM 34.	14/9493.	30284	30469	30533-6
<u>BUSHES.</u>				
<u>Orifice. Combined Deadmans Control Emergency Valve.</u>	Gresham &	30280	30352	30503
3/8" long screwed 3/8" dia whit for 1/4". Head 1/2" dia x 1/8".	Craven	30282	30353	30505
DIAGRAM 5. ITEM 26.	26/9493.	30284	30469	30533-6
<u>BUSHES.</u>				
<u>Piston Rod, Vacuum Brake Cylinder 18" & 21"</u>	SW/DE/77055	30280-5	30470	
See Catalogue No. 9/19/10941.		30352-4	30503-5	
DIAGRAM 6. ITEM 11.		30469	30533-6	
<u>BUSHES.</u>				
<u>Release Valve Lever. 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/64470/2	30280-5	30470	
See Catalogue No. 9/19/11001.		30352-4	30503-5	
DIAGRAM 6. ITEM 39.		30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>BUSHES.</u>				
<u>Solenoid Casing. Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280	30352	30503
DIAGRAM 5. ITEM 30.	Craven	30282	30353	30505
	30/13924.	30284	30469	30533-6
<u>CAGES.</u>				
<u>Piston Bell Valve, 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/77061	30280-5	30470	
See Catalogue No. 9/19/11451.		30352-4	30503-5	
DIAGRAM 6. ITEM 22.		30469	30533-6	
<u>CAPS.</u>				
<u>1" & 1 1/2" Automatic Isolating Valve.</u>	Gresham &	30280-5	30470	
1 5/16" o/s all x 1 43/64" s/flts.	Craven	30352-4	30503-5	
DIAGRAM 3. ITEM 17.	17A/14091S	30469	30533-6	
<u>CAPS.</u>				
<u>Bottom. 1 1/2" Feed Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/45127.	Craven	30352-4	30503-5	
DIAGRAM 4. ITEM 15.	15A/11800	30469	30533-6	
<u>CAPS.</u>				
<u>Filler, Oil Separator.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/45177.	Dewandre	30282	30353	30505
	G.L. 2525/1	30284	30469	30533-6
<u>CAPS.</u>				
<u>Guards, Non-Auto.</u>	SC/DE/75044/1	30280-5	30470	
See Catalogue No. 9/18/42271.		30352-4	30503-5	
DIAGRAM 11. ITEM 9.		30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.	
<u>CAPS.</u>			
<u>Screw, Handle, Drivers Brake Valve.</u>	Gresham &	30280-5	30470
<u>See Catalogue No. 9/14/45327.</u>	Craven	30352-4	30503-5
DIAGRAM 10. ITEM 10.	12/13552.	30469	30533-6
<u>CAPS.</u>			
<u>Spring (Passenger Communication Valve)</u>	SC/DE/77547.	30280-5	30470
<u>See Catalogue No. 9/18/42381.</u>		30352-4	30503-5
DIAGRAM 7. ITEM 2.		30469	30533-6
<u>CAPS.</u>			
<u>Strainer, Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280	30352
<u>DIAGRAM 5. ITEM 6.</u>	Craven	30282	30353
	6/13924.	30284	30469
			30503
			30505
			30533-6
<u>CAPS.</u>			
<u>Trunnion Suspension Bracket.</u>	Craven	30280	30352
<u>See Catalogue No. 9/14/45427.</u>	24955/F ¹	30282	30353
		30284	30418
			30469
			30503
			30505
			30533-6
<u>CARRIERS.</u>			
<u>Brake Crossbar.</u>	Craven	30280	30352
<u>1'1" x 7.7/8" x 4". STEEL</u>	24956/Q	30282	30353
	DE. 34787/4	30284	30418
			30469
			30503
			30505
			30533-6
<u>CARRIERS.</u>			
<u>Brake Cylinder.</u>	Craven	30281	30354
<u>1'0.1/4" x 5" x 3/8". 2 3/4" x 2.1/2" Hole Centres. STEEL</u>	25021/N	30283	30470
		30285	30504
<u>CARRIERS.</u>			
<u>Brake Cylinder.</u>	Craven	30281	30354
<u>1'0.1/4" x 5" x 3/8". STEEL</u>	25021/M	30283	30470
		30285	30504

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>CASINGS.</u>				
<u>Solenoid, Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280	30352	30503
<u>DIAGRAM 5. ITEM 2.</u>	Craven	30282	30353	30505
	2/13924	30284	30469	30533-6
<u>CHAMBERS.</u>				
<u>Timing, Complete, Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280-5	30470	
<u>DIAGRAM 5. ITEM 20.</u>	Craven	30352-4	30503-5	
	20X/13924	30469	30533-6	
<u>CLIPS.</u>				
<u>A.V.B. Hosepipe.</u>	Gresham &			
<u>See Catalogue No. 9/18/42461.</u>	Craven	30280-5	30470	
	13599.	30352-4	30503-5	
	Craven 25031/E	30469	30533-6	
	SL/DN/Y/1860/5			
<u>CLIPS.</u>				
<u>Hosepipe. (Cylinder Underframe, Bogie)</u>	Craven 25031/D	30280-5	30470	
<u>1 5/8" i/dia x 1 7/8" o/dia x 7/8". STEEL.</u>	Gresham &	30352-4	30503-5	
	Craven	30469	30533-6	
	14207			
<u>CLIPS.</u>				
<u>1 1/2" Hosepipe.</u>	Craven	30280	30352	30503
<u>I/dia. O/dia. Width.</u>	25031/C	30282	30353	30533-6
<u>2 7/16". 2 3/4". 1 1/8". STEEL.</u>	Gresham &	30284	30469	30505
	Craven H5590			
<u>CLIPS.</u>				
<u>Pipe, Vacuum Brake.</u>	Craven	30280	30352	30469
<u>Type 3, 1 1/4" x 3/16".</u>	24961/L	30282	30353	30503
<u>A. B. C. D. E. F.</u>		30284	30418	30505
<u>1 1/16" 1/2" 1 1/2" 5/8" 1/8" 7/16"</u>				30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>CLIPS.</u>				
<u>Securing. Passenger Communication.</u> 5/8" i/dia x 3/4" o/dia x 1.7/8" long x 3/4" wide. STEEL	Craven 24832/D	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>COLLARS.</u>				
<u>Brake Screw Spindle (Handbrake)</u> 1.1/8" i/dia x 1.3/4" o/dia x 2" long STEEL	Craven 25030/C	30280-5 30352-4 30418	30469 30470 30503-5	
<u>COLIARS.</u>				
<u>Brake Screw Spindle (Handbrake)</u> 6" long x 1.1/2" bore tube. STEEL	Craven 25030/L	30280-5 30352-4 30418	30469 30470 30503-5	
<u>COLLARS.</u>				
<u>Shaft Exhauster.</u> See Catalogue No. 9/14/47897. DIAGRAM 9. ITEM 7.	Clayton Dewandre. R.E. 658	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>CONNECTIONS.</u>				
<u>Pipe, Exhauster.</u> See Catalogue No. 9/14/48127. DIAGRAM 9. ITEM 16.	Clayton Dewandre. S.1951/1	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>CONTROLLERS.</u>				
<u>Valve Bottom, Passenger Communication Valve.</u> Catalogue No. applied for in 9/18. DIAGRAM 7. ITEM 13. LIGHT ALLOY.	SC/DE/77549.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>CONTROLLERS.</u>				
<u>Valve, Top, Passenger Communication Valve.</u> Catalogue No. applied for in 9/18. DIAGRAM 7. ITEM 12.	SC/DE/77548	30280-5 30352-4 30469	30470 30503-5 30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.	
<u>CORDS.</u>			
<u>Release A.V.B. complete with 'S' Hooks & Pins.</u>	Craven	30281	30354
<u>See Catalogue 9/19/14754.</u>	25022/M ¹	30283	30470
		30285	30504
<u>CORDS.</u>			
<u>Release A.V.B. complete with 'S' Hooks and Pins.</u>	Craven	30281	30354
<u>See Catalogue No. 9/19/14783.</u>	25022/L ¹	30283	30470
		30285	30504
<u>COUPLINGS.</u>			
<u>Dummy (Exhauster Pipe)</u>	Gresham &	30280-5	30469
<u>See Catalogue No. 9/14/48457.</u>	Craven	30352	30502-4
	14264	30353	30533-6
	Craven 25032/B		
<u>COUPLINGS.</u>			
<u>Dummy Train Pipe.</u>	Gresham &	30280-5	30470
<u>See Catalogue No. 9/18/42881.</u>	Craven 14265.	30352-4	30503-5
	Craven 25033/B	30469	30533-6
<u>COUPLINGS.</u>			
<u>Hose (Train Pipe)</u>	Gresham &	30280-5	30470
<u>See Catalogue No. 9/18/42886.</u>	Craven 14267	30352-4	30503-5
	Craven 25033/A	30469	30533-6
<u>COUPLINGS.</u>			
<u>Hose (Exhauster Pipe)</u>	Gresham &	30280-5	30469
<u>See Catalogue No. 9/14/48583.</u>	Craven	30352	30502-4
	14266.	30353	30533-6
	Craven 25032/A		
<u>COVERS.</u>			
<u>Bearing Passenger Communication.</u>	SC/ES/146.	30280-5	30469
<u>See Catalogue No. 9/18/42911.</u>	Craven	30352-4	30470
	24833/T	30418	30503-5
<u>COVERS.</u>			
<u>Bearing Passenger Communication.</u>	Craven 24833/T	30280-5	30469
<u>See Catalogue No. 9/18/42913.</u>	SC/ES/146	30352-4	30470
		30418	30503-5

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>COVERS.</u>				
<u>Bottom, Emergency Valve Combined Deadmans Control.</u>	Gresham &	30280-5	30470	
DIAGRAM 5. ITEM 18,	Craven	30352-4	30503-5	
	18/13924.	30469	30533-6	
<u>COVERS.</u>				
<u>Bottom 1" Passenger Communication Emergency Valve.</u>	Gresham &	30280-5	30470	
2.5/16" x 2" dia. 3" Hole Centres. CAST IRON.	Craven	30352-4	30503-5	
DIAGRAM 8. ITEM 4.	1/14092S.	30469	30533-6	
<u>COVERS.</u>				
<u>Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280	30352	30503
DIAGRAM 5. ITEM 11	Craven 11/13924	30282	30353	30505
		30284	30469	30533-6
<u>COVERS.</u>				
<u>Drivers Brake Valve.</u>	Gresham &	30280-5	30470	
DIAGRAM 10. ITEM 15.	Craven	30352-4	30503-5	
	17/13552.	30469	30533-6	
<u>COVERS.</u>				
<u>Drive End, Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/48659.	Dewandre.	30282	30353	30505
DIAGRAM 9. ITEM 4.	274/3	30284	30469	30533-6
<u>COVERS.</u>				
<u>1.1/2" Feed Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/48709.	Craven	30352-4	30503-5	
DIAGRAM 4. ITEM 16.	3A/11795.	30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>COVERS.</u>				
<u>Glend. Vacuum Brake Cylinder 18" & 21"</u> See Catalogue No. 9/19/15336. DIAGRAM 6. ITEM 15.	SW/DE/77057	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>COVERS.</u>				
<u>Handbrake Spindle.</u> 2. 5/8" dia x 1/8" thick. PLASTIC.	Craven 25030/X	30280-5 30352-4 30418	30469 30470 30503-5	
<u>COVERS.</u>				
<u>1" Passenger Communication Emergency Valve.</u> 4. 1/8" x 3. 1/2" x 2. 1/2" L.H. BRASS. DIAGRAM 8. ITEM 3.	Gresham & Craven 3A/14092.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>COVERS.</u>				
<u>1" Passenger Communication Emergency Valve.</u> 4. 1/8" x 3. 1/2" x 2. 1/2". BRASS. R.H. DIAGRAM 8. ITEM 3.	Gresham & Craven 3/14092L	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>COVERS.</u>				
<u>Rear End, Exhauster.</u> See Catalogue No. 9/14/48679. DIAGRAM 9. ITEM 19.	Clayton Dewandre. 273/3	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>COVERS.</u>				
<u>Release Valve. Vacuum Brake Cylinder 18" & 21".</u> See Catalogue No. 9/19/15351. DIAGRAM 6. ITEM 30.	SW/DE/77063.	30280-5 30352-4 30469	30470 30503-5 30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>COVERS.</u>				
<u>Spring 1" & 1.1/2" Automatic Isolating Valve.</u>	Gresham &	30280-5	30470	
3" dia with oval flange. ALUMINIUM ALLOY.	Craven	30352-4	30503-5	
DIAGRAM 3. ITEM 5.	5/14139S	30469	30533-6	
<u>COVERS.</u>				
<u>Top. Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280-5	30470	
DIAGRAM 5. ITEM 12.	Craven	30352-4	30503-5	
	12/13924.	30469	30533-6	
<u>COVERS.</u>				
<u>Top. Emergency Valve. Combined Deadmans Control.</u>	Gresham &	30280-5	30470	
DIAGRAM 5. ITEM 15.	Craven	30352-4	30503-5	
	15/13924.	30469	30533-6	
<u>CROSSBARS.</u>				
<u>Brake.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/48779.	24957/K	30282	30353	30503
DIAGRAM 1. ITEM 20.		30284	30418	30533-6
				30505
<u>CROSSBARS.</u>				
<u>Brake.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/49089.	24956/A	30282	30353	30503
DIAGRAM 1. ITEM 28.		30284	30418	30505
				30533-6
<u>CROSSBARS.</u>				
<u>Brake.</u>	Craven	30280	30352	30469
5'2.3/4" long o/all x 3" dia. 2.1/2" x 1.1/4". both ends. STEEL.	24957/L	30282	30353	30503
DIAGRAM 1. ITEM 19.		30284	30418	30505
				30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>CROSSBARS.</u>				
<u>Triangular.</u> 5'6. 3/4" long o/sll. 1'3. 7/16" hole centres. STEEL. DIAGRAM 2. ITEM 11.	Craven 24959/B	30281 30283 30285	30354 30470 30504	30533-6
<u>CYLINDERS.</u>				
<u>Vacuum 21".</u> See Catalogue No. 9/19/16489. DIAGRAM 1. ITEM 1. DIAGRAM 2. ITEM 1. DIAGRAM 6.	SW/DE/45968	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>DIAPHRAGMS.</u>				
<u>1. 1/2" Feed Valve.</u> See Catalogue No. 9/14/49759 DIAGRAM 4. ITEM 11.	Gresham & Craven 11A/13292	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>DIAPHRAGMS.</u>				
<u>1. 1/2" Feed Valve.</u> See Catalogue No. 9/14/49784. DIAGRAM 4. ITEM 19.	Gresham & Craven 7B/11795.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>DIAPHRAGMS.</u>				
<u>1" & 1. 1/2" Automatic Isolating Valve.</u> See Catalogue No. 9/14/49789. DIAGRAM 3. ITEM 7.	Gresham & Craven 7/14139M	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>DIAPHRAGMS.</u>				
<u>Combined Deadmans Control Emergency Valve.</u> See Catalogue No. 9/14/49809. DIAGRAM 5. ITEM 29.	Gresham & Craven 5/9493.	30280 30282 30234	30352 30353 30469	30503 30505 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>DIAPHRAGMS.</u>				
Combined Deadmans Emergency Valve. See Catalogue No. 9/14/49859. DIAGRAM 5. ITEM 17.	Gresham & Craven 17/13924.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>DIAPHRAGMS.</u>				
Release Valve 18" & 21" Vacuum Brake Cylinder. See Catalogue No. 9/19/17000. DIAGRAM 6. ITEM 40.	SW/DE/77070	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>DISCS.</u>				
Air, Drivers Brake Valve. See Catalogue No. 9/14/50084. DIAGRAM 10. ITEM 2.	Gresham & Craven 3/11823.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>EQUALISERS.</u>				
See Catalogue No. 9/14/50724. DIAGRAM 2. ITEM 4.	Craven 24959/L	30281 30283 30285	30354 30470 30504	30533-6
<u>EXHAUSTERS.</u>				
See Catalogue No. 9/14/50924. DIAGRAM 9.	Clayton Dewandre C. 725	30280 30282 30384	30352 30353 30469	30503 30505 30533-6
<u>EYEBOLTS.</u>				
Passenger Communication. 1.1/8" centre of eye to end. Screwed 1/4" dia B.S.F. x 7/8". STEEL.	Craven 24832/G	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>EYEBOLTS.</u>				
(Passenger Communication Valve) 1.468" centre of eye to end, screwed 1/4" dia whit for 1.1/16" complete with washer. STEEL. DIAGRAM 7. ITEM 4.	SC/DE/77552.	30280-5 30352-4 30469	30470 30503-5 30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>EYEBOLTS.</u>				
Release Spring Link.	Craven	30280	30352	30469
See Catalogue No. 9/14/51024.	24961/C	30282	30353	30503
		30284	30418	30505
				30533-6
<u>FERRULES.</u>	D13/2632/5			
Brakeblock Suspension Bolt.	Craven	30280	30352	30469
See Catalogue No. 9/14/51224.	24954/E	30282	30353	30503
		30284	30418	30505
				30533-6
<u>FERRULES.</u>	D13/2632/7			
Brakeblock Suspension Bolt.	Cravens	30280	30352	30469
See Catalogue No. 9/14/51234.	24954/C	30282	30353	30503
		30284	30418	30505
				30533-6
<u>FERRULES.</u>				
Brake Crossbar.	Craven	30280	30352	30469
13/16" long x 3/8" nominal bore B.S.S. 1387 Class 'A' Tube. Steel.	24956/M	30282	30353	30503
		30284	30418	30505
				30533-6
<u>FERRULES.</u>				
Passenger Communication Shield.	Craven	30280-5	30469	30533-6
See Catalogue No. 9/18/43506.	24832/H	30352-4	30470	
		30418	30503-5	
<u>FLANGES.</u>				
Drivers Brake Valve.	Gresham &	30280-5	30470	
See Catalogue No. 9/14/51434.	Craven	30352-4	30503-5	
DIAGRAM 10. ITEM 8.	12/11823.	30469	30533-6	
<u>GLANDS.</u>				
Piston Rod. Vacuum Brake Cylinder 18" & 21"	SW/DE/64465/1	30280-5	30470	
See Catalogue No. 9/19/26500.		30352-4	30503-5	
DIAGRAM 6. ITEM 13.		30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>GUIDES.</u>				
Brake Crossbar Carrier. Bottom.	Craven	30280	30352	30418
See Catalogue No. 9/14/52009.	24956/S	30282	30353	30503
		30284	30469	30505
				30533-6
<u>GUIDES.</u>				
Brake Crossbar Carrier. Top.	Craven	30280	30352	30469
See Catalogue No. 9/14/52014.	24956/T	30282	30353	30503
		30284	30418	30505
				30533-6
<u>GUIDES.</u>				
Lever.	Craven	30280	30352	30469
7.1/2" x 6" x 5" o/sll. STEEL.	24956/N ¹	30282	30353	30503
		30284	30418	30505
				30533-6
<u>GUIDES.</u>				
Lever.	Craven	30280	30352	30469
8.3/4" x 6" x 5.1/4" o/sll. STEEL.	24956/U	30282	30353	30503
		30284	30418	30505
				30533-6
<u>GUIDES.</u>				
Lever.	Craven	30280	30352	30469
9.3/8" x 7.3/4" x 5.1/4" o/sll L.H. STEEL.	24956/L ¹	30282	30353	30503
DIAGRAM 1. ITEM 13.	DE. 34787/10.	30284	30418	30505
				30533-6
<u>GUIDES.</u>				
Lever.	Craven	30280	30352	30469
9.3/8" x 7.3/4" x 5.1/4" o/sll R.H. STEEL.	24956/K ¹	30282	30353	30503
DIAGRAM 1. ITEM 13.	DE. 34787/9	30284	30418	30505
				30533-6

DESCRIPTION.	DRG. NO.	LAT NOS.		
<u>GUIDES.</u>				
<u>Lever.</u> 9.3/4" x 7.1/2" x 4.3/4" o/all L.H. STEEL. with spigots.	Craven 24956/C ¹	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>GUIDES.</u>				
<u>Lever.</u> 9.3/4" x 7.1/2" x 4.3/4" o/all R.H. STEEL. with spigots.	Craven 24956/B ¹	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>GUIDES.</u>				
<u>Spindle. Release Valve. Vacuum Brake Cylinder 18" & 21".</u> See Catalogue No. 9/19/28106. DIAGRAM 6. ITEM 32.	SW/DE/77065.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>GUIDES.</u>				
<u>Spring. 1" & 1.1/2" Automatic Isolating Valve.</u> 2.1/2" o/dia x 3/8" i/dia BRASS. DIAGRAM 3. ITEM 24	Gresham & Craven 24/14139M	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>GUIDES.</u>				
<u>Valve. Combined Deadmans Control Emergency Valve.</u> See Catalogue No. 9/14/52104. DIAGRAM 5. ITEM 7.	Gresham & Craven 7/13924.	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>GUIDES.</u>				
<u>Valve. Guards, Non-Auto.</u> See Catalogue No. 9/18/43841. DIAGRAM 11. ITEM 4.	SC/DE/75039.	30280-5 30352-4 30469	30470 30503-5 30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>GUAGES.</u>				
Vacuum, Duplex, Brake Compartment. See Catalogue No. 9/14/51809.	Westinghouse 227. A 81673. Craven 25032/D	30280-5 30352 30353	30469 30502-4 30533-6	
<u>GUAGES.</u>				
Vacuum Single. See Catalogue No. 9/18/43761.	SL/SW/195.	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>HANDLES.</u>				
Drivers Brake Valve. See Catalogue No. 9/14/52204. DIAGRAM 10. ITEM 3.	Gresham & Craven 4C/13552	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>HANDLES.</u>				
Handbrake Wheel. 5.1/2" long o/all with reduced end. Screwed 5/8" B.S.F. x 1.1/8". STEEL.	Craven 25065/K	30280-5 30352 30353	30418 30469 30470	30503-5
<u>HANGERS.</u>				
Brakeblock 1'1.1/4" long o/all x 2.1/4" x 7/8". 11" hole centres. STEEL. DIAGRAM 2. ITEM 15.	Craven 24959/A	30281 30283 30285	30354 30470 30504	30533-6
<u>HANGERS.</u>				
Brakeshaft or Vee.				
<u>A.</u> Depth to centre of Shaft Hole.	<u>B.</u> Centre of Holes (Horiz)	<u>C.</u> Centre of Holes (Vertical)	<u>D.</u> Straight or Cranked.	

DESCRIPTION.				DRG. NO.	LOT NOS.		
<u>HANGERS.</u>							
<u>Brakeshaft or Vee.</u>				Craven	30280	30352	30469
<u>A.</u>	<u>B.</u>	<u>C.</u>	<u>D.</u>	24955/R	30282	30353	30503
1'5.1/8".	11.1/2"	2.13/16"	Straight. L. H. STEEL.		30284	30418	30505
							30533-6
<u>HANGERS.</u>							
<u>Brakeshaft or Vee.</u>				Craven	30280	30352	30469
<u>A.</u>	<u>B.</u>	<u>C.</u>	<u>D.</u>	24955/Q	30282	30353	30503
1'5.1/8".	11.1/2"	2.13/16".	Straight. R. H. STEEL.		30284	30418	30505
							30533-6
<u>HANGERS.</u>							
<u>Brakeshaft or Vee.</u>				Craven	30281	30354	
<u>A.</u>	<u>B.</u>	<u>C.</u>	<u>D.</u>	25021/F	30283	30470	
2'1.3/8".	1'0.3/4"	5.1/4"	Straight. L. H. STEEL.		30285	30504	
<u>HANGERS.</u>							
<u>Brakeshaft or Vee.</u>				Craven	30281	30354	
<u>A.</u>	<u>B.</u>	<u>C.</u>	<u>D.</u>	25021/E	30283	30470	
2'1.3/8".	1'0.3/4".	5.1/4".	Straight. R. H. STEEL.		30285	30504	
<u>HANGERS.</u>							
<u>Safety Adjusting Pull Rod.</u>				Craven	30281	30354	30533-6
See Catalogue No. 9/14/52619.				24961/J	30283	30470	
					30285	30504	
<u>HANGERS.</u>							
<u>Safety Tie Rod.</u>				Craven	30280	30352	30469
See Catalogue No. 9/14/52694.				24961/E	30282	30353	30503
					30284	30418	30533-6
							30505

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>HANGERS.</u>				
<u>Safety Triangular Crossbar.</u>	Craven	30281	30354	30533-6
See Catalogue No. 9/14/52719.	24961/H	30283	30470	
		30285	30504	
<u>HANGERS.</u>				
<u>Safety Triangular Crossbar.</u>	Craven	30281	30470	30533-6
See Catalogue No. 9/14/52729.	24961/G	30283	30504	
		30285	30354	
<u>HANGERS.</u>				
<u>Safety Triangular Crossbar.</u>	Craven	30281	30354	30533-6
See Catalogue No. 9/14/52739.	24961/F	30283	30470	
		30285	30504	
<u>HANGERS.</u>				
<u>Vertical Lever.</u>	Craven	30281	30354	30533-6
See Catalogue No. 9/14/52839.	24959/H	30283	30470	
		30285	30504	
<u>HANGERS.</u>				
<u>Vertical Lever.</u>	Craven	30281	30354	30533-6
See Catalogue No. 9/14/52864.	24959/K	30283	30470	
DIAGRAM 2. ITEM 7.		30285	30504	
<u>HOLDERS.</u>				
<u>Valve. Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280-5	30470	
2.7/8" dia x 3/8" with flange 1.3/4" dia x 1/32".	Craven	30352-4	30503-5	
DIAGRAM 5. ITEM 43.	7/9251.	30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>HOLDERS.</u>				
Washer, 1.1/2" Automatic Isolating Valve. 2.1/8" dia. BRASS. DIAGRAM 3. ITEM 19.	Gresham & Craven 6/12711S	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>HOOKS 'S'</u>				
Passenger Communication Chsin. See Catalogue No. 9/18/44261.	Craven 24832/B	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>HOSEPIPES.</u>				
(Exhauster Pipe) See Catalogue No. 9/14/53064.	Gresham & Craven 14266 Craven 25033/D	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>HOSEPIPES.</u>				
Direct Admission Valve to Brake Cylinder. See Catalogue No. 9/18/44325.	Gresham & Craven 4/14207 Craven 25031/H	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>HOSEPIPES.</u>				
(Vacuum Brake) See Catalogue No. 9/18/44351.	Gresham & Craven 14267. Craven 25033/C	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>HOSEPIPES.</u>				
Vacuum Pipe to Exhauster. See Catalogue No. 9/19/33913.	Gresham & Craven 5A/14207 Craven 25031/G	30280 30282 30284	30352 30353 30469	30503 30505 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>HOSEPIPIES.</u>				
<u>Vacuum Brake.</u>	Gresham &	30280	30352	30503
1.1/2" bore x 1'6" long. Moulded Ends. (Hose only) RUBBER.	Craven	30282	30353	30505
	15/14207	30284	30469	30533-6
	Craven 25031/M			
<u>INDICATORS.</u>				
<u>Passenger Communication.</u>	Craven	30280-5	30469	30533-6
See Catalogue No. 9/18/44551.	24833/S	30352-4	30470	
	SC/ES/142.	30418	30503-5	
<u>INSERTS.</u>				
<u>Nylon, Vacuum Brake Cylinder 18" & 21".</u>	SW/DE/64465/2	30280-5	30470	
See Catalogue No. 9/19/34361.		30352-4	30503-5	
DIAGRAM 6. ITEM 14.		30469	30533-6	
<u>JOINTS.</u>				
<u>Combined Deadmans Control Emergency Valve.</u>	Gresham &	30280	30352	30503
See Catalogue No. 9/14/53420.	Craven	30282	30353	30505
DIAGRAM 5. ITEM 59.	59/13924.	30284	30469	30533-6
<u>JOINTS.</u>				
<u>Combined Deadmans Control Emergency Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/53434.	Craven	30352-4	30503-5	
DIAGRAM 5. ITEM 14.	14/13924	30469	30533-6	
<u>JOINTS.</u>				
<u>Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/53444.	Craven	30352-4	30503-5	
DIAGRAM 5. ITEM 13.	13/13924.	30469	30533-6	
<u>JOINTS.</u>				
<u>Drivers Brake Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/53469.	Craven	30352-4	30503-5	
DIAGRAM 10. ITEM 13.	15/13552.	30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>JOINTS.</u>				
<u>End Cover. Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/53489.	Dewandre.	30282	30353	30505
DIAGRAM 9. ITEM 31.	R.E. 961.	30284	30469	30533-6
<u>JOINTS.</u>				
<u>1 1/2" Feed Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/53399.	Craven	30352-4	30503-5	
DIAGRAM 4. ITEM 23.	23/14196.	30469	30533-6	
<u>JOINTS.</u>				
<u>(Foundation Ring & Cylinder) 21" Vacuum Brake Cylinder.</u>	SW/DE/77059.	30280-5	30470	
Catalogue No. applied for.		30352-4	30503-5	
DIAGRAM 6. ITEM 18.		30469	30533-6	
<u>JOINTS.</u>				
<u>Manifold, Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/53499.	Dewandre	30282	30353	30505
DIAGRAM 9. ITEM 29.	R.E. 952.	30284	30469	30533-6
<u>JOINTS.</u>				
<u>Oil Separator Flange.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/53519.	Dewandre.	30282	30353	30505
	S.O. 1786.	30284	30469	30533-6
<u>JOINTS.</u>				
<u>Piston Head Washer. 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/77054.	30280-5	30470	
See Catalogue No. 9/19/34840.		30352-4	30503-5	
DIAGRAM 6. ITEM 10.		30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>JOINTS.</u>				
Release Valve. 18" & 21" Vacuum Brake Cylinder. See Catalogue No. 9/19/34800. DIAGRAM 6. ITEM 20.	SW/DE/77060.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>JOINTS.</u>				
Transit Screw. 18" & 21" Vacuum Brake Cylinder. See Catalogue No. 9/19/34940. DIAGRAM 6. ITEM 45.	SW/DE/77090/2	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>KEYS.</u>				
Brakeblock. See Catalogue No. 9/14/53645. DIAGRAM 1 ITEM 18.	DE. 56471. Craven 24954/F	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>KEYS.</u>				
Brakeblock. See Catalogue No. 9/18/44961. DIAGRAM 2. ITEM 14.	SC/SW/11. Craven 24953/D	30281 30283 30285	30354 30418 30470	30504 30533-6
<u>KEYS.</u>				
Drive. Exhauster. See Catalogue No. 9/14/53674. DIAGRAM 9. ITEM 11.	Clayton Dewandre. 117/11	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>LEVERS.</u>				
Brakeshaft. See Catalogue No. 9/14/54339. DIAGRAM 1. ITEM 2.	Craven 24955/K	30280 30282 30284	30352 & 3 30418 30469	30503 30505 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>LEVERS.</u>				
<u>Chein. Passenger Communication.</u>	Craven	30280-5	30469	30533-6
<u>See Catalogue No. 9/18/45271.</u>	24833/W	30352-4	30470	
	SC/ES/143	30418	30503-5	
<u>LEVERS.</u>				
<u>Guards. Non-Auto, Valve.</u>	SC/DE/75042.	30280-5	30470	
<u>See Catalogue No. 9/18/45351.</u>		30352-4	30503-5	
<u>DIAGRAM 11. ITEM 7.</u>		30469	30533-6	
<u>LEVERS.</u>				
<u>Horizontal.</u>	Craven	30280	30352	30469
<u>See Catalogue No. 9/14/54519.</u>	24958/G	30282	30353	30503
<u>DIAGRAM 1. ITEM 12.</u>		30284	30418	30505
				30533-6
<u>LEVERS.</u>				
<u>Horizontal.</u>	Craven	30280	30352	30469
<u>See Catalogue No. 9/14/54549.</u>	24958/F	30282	30353	30503
		30284	30418	30505
				30533-6
<u>LEVERS.</u>				
<u>Lifting. 1" Passenger Communication Emergency Valve.</u>	Gresham &			
<u>2.3/4" x 1" with 7/16" square. CAST IRON.</u>	Craven	30280-5	30470	
<u>DIAGRAM 8. ITEM 11.</u>	13/14092-S	30352-4	30503-5	
		30469	30533-6	
<u>LEVERS.</u>				
<u>Pull. 1" Passenger Communication Emergency Valve.</u>	Gresham &	30280-5	30470	
<u>4.7/32" o/all. 3" Hole Centres with 9/16" sq. hole one end.</u>	Craven	30352-4	30503-5	
<u>DIAGRAM 8. ITEM 20. BRASS.</u>	24/14092S	30469	30533-6	
<u>LEVERS.</u>				
<u>Release Valve. 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/64470/1	30280-5	30470	
<u>DIAGRAM 6. ITEM 37.</u>		30352-4	30503-5	
<u>See Catalogue No. 9/19/43841</u>		30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>LEVERS.</u>				
Vertical.	Craven	30280	30352	30469
See Catalogue No. 9/14/54654.	24955/L	30282	30353	30503
DIAGRAM 1. ITEM 5.		30284	30418	30505
				30533-6
<u>LEVERS.</u>				
Vertical.	Craven	30281	30354	30533-6
See Catalogue No. 9/14/54669.	24959/S	30283	30470	
DIAGRAM 2. ITEM 8.		30285	30504	
<u>LEVERS.</u>				
Vertical.	Craven	30281	30354	30533-6
See Catalogue No. 9/14/54679.	24959/V	30283	30470	
DIAGRAM 2. ITEM 6.		30285	30504	
<u>LEVERS.</u>				
Vertical (Handbrake)	Craven	30280	30352	30469
See Catalogue No. 9/14/54684.	24958/A	30282	30353	30503
DIAGRAM 1. ITEM 26.		30284	30418	30505
				30533-6
<u>LEVERS.</u>				
Vertical.	Craven	30280	30352	30469
See Catalogue No. 9/14/54699.	24958/L	30282	30353	30503
DIAGRAM 1. ITEM 7.		30284	30418	30505
				30533-6
<u>LEVERS.</u>				
Vertical.	Craven	30280	30352	30469
See Catalogue No. 9/14/54709.	24958/K	30282	30353	30503
DIAGRAM 1. ITEM 6.		30284	30418	30505
				30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>LIDS.</u>				
Valve. (Passenger Communication Valve)	SG/DE/64637.	30280-5	30470	
See Catalogue No. 9/18/45391.		30352-4	30503-5	
DIAGRAM 7. ITEM 16.		30469	30533-6	
<u>LINERS.</u>				
Brake Crossbar.	Craven	30280	30352	30469
See Catalogue No. 9/14/54809.	24956/H	30282	30353	30503
		30284	30418	30505
				30533-6
<u>LINERS.</u>				
Brake Crossbar.	Craven	30280	30352	30469
4. 1/2" x 2 1/2" x 5/16". 2 1/2" hole centres with countersunk holes.	24956/J	30282	30353	30503
RAILKO.		30284	30418	30505
				30533-6
<u>LINERS.</u>				
Lever Guide.	Craven	30280	30352	30469
See Catalogue No. 9/14/54859.	24956/H ¹	30282	30353	30503
		30284	30418	30505
				30533-6
<u>LINERS.</u>				
Lever Guide.	Craven	30280	30352	30469
See Catalogue No. 9/14/54869.	24956/Y	30282	30353	30503
		30284	30418	30505
				30533-6
<u>LINKS.</u>				
Brakeblock.	Craven	30280	30352	30469
See Catalogue No. 9/14/55059.	24958/M	30282	30353	30503
DIAGRAM 1. ITEM 25.		30284	30418	30505
				30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>LINKS.</u>				
<u>Brake Release Wire.</u>	Craven	30280	30352	30469
10. 1/4" long o/all x 1/4" dia. 8. 3/4" centres of eyes. STEEL.	24957/A ¹	30282	30353	30503
		30284	30418	30505
				30533-6
<u>LINKS.</u>				
<u>Connecting.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/55114.	24955/M	30282	30353	30503
		30284	30418	30505
				30533-6
<u>LINKS.</u>				
<u>Cylinder.</u>	Craven	30281	30470	
9. 1/2" long o/all x 2. 1/2" x 1/2". 7/8" between arms.	25021/A	30283	30504	
3. 1/2" x 3. 1/2" hole centres complete. STEEL.		30285		
DIAGRAM 2. ITEM 9.				
<u>LINKS.</u>				
<u>Handbrake.</u>	Craven	30280	30352	30469
9. 1/2" long o/all x 2. 1/2" x 2. 1/2". 7" hole centres. STEEL.	25022/K	30282	30353	30503
		30284	30418	30505
<u>LINKS.</u>				
<u>Lever. Connection (Passenger Communication)</u>	Craven	30280-5	30469	30533-6
See Catalogue No. 9/18/45421.	24833/U	30352-4	30470	
	SC/FS/140.	30418	30503-5	
<u>LINKS.</u>				
<u>Full Rod to Bogie.</u>	Craven	30281	30354	
5. 25/32" long o/all x 2. 1/4" x 1. 13/16". 3. 3/4" hole centres. STEEL.	25022/G ¹	30283	30470	
		30285	30504	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>LINKS.</u>				
Release Cord. 3" Centre of eyes x 3/16" dia. STEEL.	Craven 25021/K ¹	30281 30283 30285	30354 30470 30504	
<u>LINKS.</u>				
Release Spring. See Catalogue No. 9/14/55359. DIAGRAM 1. ITEM 22.	Craven 24961/B	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>LINKS.</u>				
Vertical Lever. See Catalogue No. 9/14/55409. DIAGRAM 1. ITEM 15.	Craven 24958/N.	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>MANIFOLDS.</u>				
Inlet & Exhaust Chambers, Exhauster. See Catalogue No. 9/14/55459. DIAGRAM 9. ITEM 28.	Clayton Dewandre. R.F. 1002	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>MANIFOLDS.</u>				
Isolating, Deadmans Control. See Catalogue No. 9/14/55479. DIAGRAM 5. ITEM 3.	Gresham & Craven 14257.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>NIPPLES.</u>				
Guards Non-Auto. 1. 3/8" long. Screwed 3/8" B.S.P. for 3/4" one end and 1/4" B.S.P. for 3/8" other. DIAGRAM 11. ITEM 8.	SC/DE/77643.	30280-5 30352-4 30469	30470 30503-5 30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.	
<u>NUTS.</u>			
<u>Adaptor 1.1/2" Feed Valve.</u>	Gresham &	30280-5	30470
<u>Tapped 1.3/4" dia. 16 T.P.I. x 9/16" thick. STEEL.</u>	Craven	30352-4	30503-5
DIAGRAM 4. ITEM 6.	6/14196.	30469	30533-6
<u>NUTS.</u>			
<u>Adjusting, Tie Rod.</u>	Craven	30280	30352
<u>See Catalogue No. 9/14/55895.</u>	24957/S	30282	30353
DIAGRAM 1. ITEM 21.		30284	30418
			30505
			30533-6
<u>NUTS.</u>			
<u>1.1/2" Automatic Isolating Valve.</u>	Gresham &	30280-5	30470
<u>5/8" dia whit x 3/8" thick. BRASS.</u>	Craven	30352-4	30503-5
DIAGRAM 3. ITEM 25.	16/11409.	30469	30533-6
<u>NUTS.</u>			
<u>Diaphragm 1" & 1.1/2" Automatic Isolating Valve.</u>	Gresham &	30280-5	30470
<u>59/64" square. BRASS.</u>	Craven	30352-4	30503-5
DIAGRAM 3. ITEM 22.	22/14139S	30469	30533-6
<u>NUTS.</u>			
<u>Diaphragm. Emergency Valve Combined Deadmans Control.</u>	Gresham &	30280-5	30470
DIAGRAM 5. ITEM 47.	Craven	30352-4	30503-5
	47/13924.	30469	30533-6
<u>NUTS.</u>			
<u>Diaphragm. Release Valve. Vacuum Brake Cylinder 18" & 21".</u>	SW/DE/77066	30280-5	30470
<u>See Catalogue No. 9/19/48301.</u>		30352-4	30503-5
DIAGRAM 6. ITEM 34.		30469	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>NUTS.</u>				
<u>Piston Rod, Vacuum Brake Cylinder 18" & 21".</u>	SW/DE/77052.	30280-5	30470	
See Catalogue No. 9/19/48701.		30352-4	30503-5	
DIAGRAM 6. ITEM 7.		30469	30533-6	
<u>NUTS.</u>				
<u>Valve. Combined Deadmans Control Emergency Valve.</u>	Gresham &	30280-5	30470	
DIAGRAM 5. ITEM 42.	Craven	30352-4	30503-5	
	42/13924.	30469	30533-6	
<u>NUTS.</u>				
<u>Valve Guide. Guards Non-Auto.</u>	SC/IE/75040	30280-5	30470	
Std. 5/8" B.S.W. Drilled for 2 B.A. Grub Screw.		30352-4	30503-5	
DIAGRAM 11. ITEM 2.		30469	30533-6	
<u>PACKINGS.</u>				
<u>Bush, Vacuum Brake Cylinder 18" & 21".</u>	SW/IE/77056	30280-5	30470	
See Catalogue No. 9/19/49761.		30352-4	30503-5	
DIAGRAM 6. ITEM 12.		30469	30533-6	
<u>PACKINGS.</u>				
<u>Handbrake Shaft.</u>	Craven	30280	30352	30469
6 3/4" x 2" x 1 1/2". 5" Hole Centres. STEEL.	25022/E ¹	30282	30353	30503
		30284	30418	30505
<u>PAWLS.</u>				
<u>Brake, Handwheel.</u>	Craven	30280-5	30418	30503-5
3 1/16" o/sll x 3" o/sll x 3/4" STEEL.	25065/D	30352	30469	
		30353	30470	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>PIEGS.</u>				
Locating End Cover, Exhauster.	Clayton	30280	30352	30503
See Catalogue No. 9/14/56384.	Dewandra.	30282	30353	30505
DIAGRAM 9. ITEM 22.	R.E. 753.	30284	30469	30533-6
<u>PIECES.</u>				
Clutch, 1" Passenger Communication Emergency Valve.	Gresham &	30280-5	30470	
1.1/2" dia x 7/8" with 5/16" square hole. BRASS.	Craven	30352-4	30503-5	
DIAGRAM 8. ITEM 12. Knurled L.H.	14/14092 M	30469	30533-6	
<u>PIECES.</u>				
Clutch, 1" Passenger Communication Emergency Valve.	Gresham &	30280-5	30470	
1.1/2" dia x 7/8" with 5/16" square hole. Knurled R.H. BRASS.	Craven	30352-4	30503-5	
DIAGRAM 8. ITEM 12.	14A/14092.	30469	30533-6	
<u>PINS.</u>				
Brake.	Craven	30280	30352	30469
See Catalogue No. 9/14/56604.	24962/P/7A	30282	30353	30503
		30284	30418	30505
				30533-6
<u>PINS.</u>				
Brake.	Craven	30281	30354	30533-6
See Catalogue No. 9/14/56624.	24962/P/7B	30283	30470	
		30285	30504	
<u>PINS.</u>				
Brake.	Craven	30280	30352	30469
See Catalogue No. 9/14/56634.	24962/P/7C	30282	30353	30503
		30284	30418	30505
				30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56644.	Craven 24962/P/7D.	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56684.	Craven 24962/P/7E	30280-5 30252-4 30418	30469 30470 30503-5	30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56694.	Craven 24962/P/7F	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56714.	Craven 24962/P/7G	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56734.	Craven 24962/P/7H	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56744.	Craven 24962/P/7J	30281 30283 30285	30354 30470 30504	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.			
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56754.	Craven 24962/P/7K	30281 30283 30285	30354 30470 30504	30533-6	
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56764.	Craven 24962/P/7L	30281 30283 30285	30354 30470 30504	30533-6	
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56814.	Craven 24962/P/8A	30280 30282 30284	30352 30353 30418	30469 30503 30505	30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56824.	Craven 24962/P/8B	30280 30282 30284	30352 30353 30418	30469 30503 30505	30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56844.	Craven 24962/P/8D	30280 30282 30284	30352 30353 30418	30469 30503 30505	30533-6
<u>PINS.</u> <u>Brake.</u> See Catalogue No. 9/14/56894.	Craven 24962/P/9A	30280 30282 30284	30352 30353 30418	30469 30503 30505	30533-6

DESCRIPTION.			DRG. NO.	LOT NOS.		
<u>PINS.</u>						
<u>Brake.</u>			Craven	30280	30352	30469
See Catalogue No. 9/14/56904.			24962/P/9B	30282	30353	30503
				30284	30418	30505
						30533-6
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30281	30470	
<u>Dia.</u>	<u>Length w/head to</u>	<u>Position.</u>	25022/R	30283	30504	
5/8"	<u>Centre of Pin Hole.</u>	Brakeshaft Lever.		30285		
	1.13/16".					
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30280-5	30469	
<u>Dia.</u>	<u>Length w/head to centre</u>	<u>Position.</u>	25022/N	30352-4	30470	
	<u>of Pin Hole.</u>			30418	30503-5	
3/4"	1.15/16".	Handbrake Pull Rod, Brakeshaft Lever.				
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30281	30354	
<u>Dia.</u>	<u>Length w/head to</u>	<u>Position.</u>	25022/U	30283	30470	
	<u>centre of pin hole.</u>			30285	30504	
3/4"	2.5/8"	Pull Rod to Bogie.				
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30280	30352	30503
<u>Dia.</u>	<u>Length w/head to</u>	<u>Position.</u>	25022/T	30282	30353	30505
3/4"	<u>Centre of Pin Hole.</u>	Handbrake Link. Handbrake Pull Rod.		30284	30469	
	2.7/8"					

DESCRIPTION.			DRG. NO.	LOT NOS.		
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30281	30354	
<u>Dia.</u>	<u>Length u/head to</u>	<u>Position.</u>	25022/J	30283	30470	
	<u>centre of Pin Hole.</u>	Pull Rod to Bogie.		30285	30504	
<u>7/8".</u>	<u>2.5/16"</u>					
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30280	30352	30469
<u>Dia.</u>	<u>Length u/head to</u>	<u>Position.</u>	25022/Q ¹	30282	30353	30503
	<u>centre of Pin Hole.</u>	Handbrake Link.		30284	30418	30505
<u>7/8".</u>	<u>2.7/8"</u>					
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned, Steel.</u>			D16/3157/24.	30280	30352	30469
<u>Dia.</u>	<u>Length u/head to</u>	<u>Position.</u>	Craven	30282	30353	30503
	<u>Centre of Pin Hole.</u>	Brake Cylinder Lever.	24962/P/8E	30284	30418	30505
<u>1"</u>	<u>2.21/32"</u>					30533-6
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30281	30470	
<u>Dia.</u>	<u>Length u/head to</u>	<u>Position.</u>	25022/Q	30283	30504	
	<u>Centre of Pin Hole.</u>	Cylinder Link.		30285		
<u>1.1/8".</u>	<u>2.1/8"</u>					
<u>PINS.</u>						
<u>Brake, Cheese Head, Turned Steel.</u>			Craven	30281	30354	
<u>Dia.</u>	<u>Length u/head to</u>	<u>Position.</u>	25022/L	30283	30470	
	<u>Centre of Pin Hole.</u>	Brakeshaft Lever.		30285	30504	
<u>1.1/8".</u>	<u>2.15/16"</u>					

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>PINS.</u>				
<u>Contact, Cover, Combined Deadmans Control Emergency Valve.</u>	Gresham &	30280	30352	30503
DIAGRAM 5. ITEM 36.	Craven	30282	30353	30505
	36/13924.	30284	30469	30533-6
<u>PINS.</u>				
<u>Contact Valve, Combined Deadmans Control & Emergency Valve.</u>	Gresham &	30280	30352	30503
DIAGRAM 5. ITEM 37.	Craven	30282	30353	30505
	37/13924.	30284	30469	30533-6
<u>PINS.</u>				
<u>Fulcrum (Passenger Communication Valve)</u>	SC/DE/77554.	30280-5	30470	
See Catalogue No. 9/18/46751.		30352-4	30503-5	
DIAGRAM 7. ITEM 6.		30469	30533-6	
<u>PINS.</u>				
<u>Hinge, Valve Lid (Passenger Communication Valve)</u>	SC/DE/77563.	30280-5	30470	
See Catalogue No. 9/18/46771.		30352-4	30503-5	
DIAGRAM 7. ITEM 10.		30469	30533-6	
<u>PINS.</u>				
<u>Lever, Release Valve, 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/77068	30280-5	30470	
See Catalogue No. 9/19/51956.		30352-4	30503-5	
DIAGRAM 6. ITEM 36		30469	30533-6	
<u>PINS.</u>				
<u>Pivot, Handbrake Pawl.</u>	Craven	30280-5	30418	30503-5
1. 13/32" long ϕ 11 x 1/2" dia. Screwed 5/16" dia. whit. x 5/16"	25065/G	30352	30469	
one end. Recessed at other. STEEL.		30353	30470	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>PINS.</u>				
Shackle, 1" Passenger Communication Emergency Valve. 3/4" x 1/4" dia. Head 3/8" dia x 1/8". STEEL. DIAGRAM 8. ITEM 18.	Gresham & Craven 21/14092S	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>PINS.</u>				
Valve Lever, Guards Non-Auto. 1.5/16" w/head to centre of pin hole x 3/8" dia. Head 1/2" dia x 3/32". DIAGRAM 11. ITEM 1. STEEL.	SC/DE/75043.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>PISTONS.</u>				
Vacuum Brake Cylinder 21". See Catalogue No. 9/19/52951. DIAGRAM 6. ITEM 5.	SW/DE/64463.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>PLATES.</u>				
Adjusting, 1.1/2" Feed Valve. 3" o/dia with 2 3/8" dia flange x 7/16" STEEL. DIAGRAM 4. ITEM 13.	Gresham & Craven 13/11800	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>PLATES.</u>				
Bearing Cover Stud, Passenger Communication. See Catalogue No. 9/18/46981.	SC/ES/147 Craven 24833/X	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>PLATES.</u>				
Bearing Cover Stud, Passenger Communication. See Catalogue No. 9/18/46982.	SC/ES/147 Craven 24833/X	30280-5 30352-4 30418	30469 30470 30503-5	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>PLUNGERS.</u>				
<u>Diaphragm 1" & 1.1/2" Automatic Isolating Valve.</u>	Gresham &	30280-5	30470	
DIAGRAM 3. ITEM 8. STEEL.	Craven	30352-4	30503-5	
	8/14139S	30469	30533-6	
<u>PLATES.</u>				
<u>Diaphragm 1.1/2" Feed Valve.</u>	Gresham &	30280-5	30470	
3.1/2" o/dia x 4.1/6" i/dia x 3/16". STEEL.	Craven	30352-4	30503-5	
DIAGRAM 4. ITEM 7.	7/11800	30469	30533-6	
<u>PLATES.</u>				
<u>Packing. Brake Column Rack.</u>	Craven	30280-5	30418	30503-5
1.3/16" i/dia x 6" o/dia x 1/4". Four holes on 4" P.C.D. STEEL.	25065/C	30352	30469	
		30353	30470	
<u>PLATES.</u>				
<u>Release Spring (U/frame to Brakeshaft Lever).</u>	Craven	30281	30354	
4" x 2" x 3/8" complete with nut. STEEL.	25021/D ¹	30283	30470	
		30285	30504.	
<u>PLATES.</u>				
<u>Scaling, With Peg, Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/58044.	Dewandra.	30282	30353	30505
DIAGRAM 9. ITEM 5.	S. A. 933.	30284	30469	30533-6
<u>PLATES.</u>				
<u>Strainer, Combined Deadmans Control Emergency Valve.</u>	Gresham &	30280	30352	30503
3 1/2" dia. x 18 S.W.G.	Craven	30282	30353	30505
DIAGRAM 5. ITEM 24.	15/9493.	30284	30469	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>PLATES.</u>				
Stud, Valve Box. See Catalogue No. 9/18/46994.	SG/ES/148 Craven 24833/J	30280-5 30352-4 30418	30469 30470 30503-5	30533-6
<u>PLUGS.</u>				
Body, Exhauster. See Catalogue No. 9/14/58254. DIAGRAM 9. ITEM 12.	Clayton Dewandre. S.F. 16/167	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>PLUGS.</u>				
Combined Deadmans Control & Emergency Valve. 2.1/4" o/dia of collar, screwed 1.1/2" BSP x 9/16", width 1.1/16". STEEL. DIAGRAM 5. ITEM 62.	Gresham & Craven 62/13924.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>PLUGS.</u>				
End Cover, Exhauster. See Catalogue No. 9/14/58274. DIAGRAM 9. ITEM 20.	Clayton Dewandre. S.F. 16/41.	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>PLUNGERS.</u>				
Drivers Brake Valve. See Catalogue No. 9/14/58354. DIAGRAM 10. ITEM 4.	Gresham & Craven 5/A13552	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>RACKS.</u>				
Brake Column 'ON' - 'OFF' See Catalogue No. 9/18/47201.	Craven 25065/A	30280-5 30352 30353	30418 30469 30470	30503-5

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>RESERVOIRS.</u>				
<u>Vacuum.</u> 4'6" long o/all x 1'3.1/2" dia. STEEL.	Craven 25033/G	30281 30283 30285	30354 30470 30504	30533-6
<u>RESERVOIRS.</u>				
<u>Vacuum.</u> 4'9" long o/all x 1'5" dia. STEEL.	Craven 25033/F	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>RINGS.</u>				
<u>Floating, Exhauster.</u> See Catalogue No. 9/14/58754. DIAGRAM 9. ITEM 10.	Clayton Dewandre. R.B. 910.	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>RINGS.</u>				
<u>Foundation, Vacuum Brake Cylinder 21".</u> See Catalogue No. 9/19/66986. DIAGRAM 6. ITEM 3.	SW/DE/77051.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>RINGS.</u>				
<u>Rolling, Vacuum Brake Cylinder 21".</u> See Catalogue No. 9/19/67010. DIAGRAM 6. ITEM 17.	SW/DE/64466.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>RODS.</u>				
<u>Coupling, Passenger Communication.</u> See Catalogue No. 9/18/47321.	SC/BS/145. Craven 24833/P	30280-5 30352-4 30418	30469 30470 30503-5	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>RODS.</u>				
Horizontal, Body End (Passenger Communication)	Craven	30280-5	30469	30533-6
2'9.13/16" long o/ell x 1/2" dia. Screwed 1/2" B.S.F. x 7/8" one end	24833/K	30352-4	30470	
1.1/4" at other. STEEL.		30418	30503-5	
<u>RODS.</u>				
Horizontal, Body End (Passenger Communication)	Craven	30280-5	30469	30533-6
3'5.3/8" long o/ell x 1/2" dia. Screwed 1/2" B.S.F. x 1.1/4" both ends,	24833/M	30352-4	30470	
STEEL.		30418	30503-5	
<u>RODS.</u>				
Piston, Vacuum Brake Cylinder 18" & 21".	SW/DE/64464.	30280-5	30470	
See Catalogue No. 9/19/67701.		30352-4	30503-5	
DIAGRAM 6. ITEM 6.		30469	30533-6	
<u>RODS.</u>				
Full.	Craven	30281	30354	30533-6
See Catalogue No. 9/14/59124.	24959/R	30283	30470	
DIAGRAM 2. ITEM 10.		30285	30504	
<u>RODS.</u>				
Full.	Craven	30280	30352	30469
See Catalogue No. 9/14/59149.	24958/B	30282	30353	30503
DIAGRAM 1. ITEM 10.		30284	30418	30505
				30533-6
<u>RODS.</u>				
Full.	Craven	30280	30352	30469
See Catalogue No. 9/14/59264.	24957/G	30282	30353	30503
DIAGRAM 1. ITEM 27.		30284	30418	30505
				30533-6

DESCRIPTION.					DRG. NO.	LOT NOS.		
<u>RODS.</u>								
<u>Full.</u>					Craven	30281	30354	30533-6
See Catalogue No. 9/14/59284.					24960/U	30283	30470	
DIAGRAM 2. ITEM 5.						30285	30504	
<u>RODS.</u>								
<u>Full.</u>					Craven	30280	30352	30469
<u>Length.</u>	<u>Section.</u>	<u>Ends.</u>	<u>Position.</u>		25022/H	30282	30353	30503
5'7"	3/4" dia.	Eye & Jaw.	Pull Rod to Bogie.	STEEL.		30284	30418	30505
DIAGRAM 1. ITEM 29.								
<u>RODS.</u>								
<u>Full.</u>					Craven	30281	30354	
<u>Length.</u>	<u>Section.</u>	<u>Ends.</u>	<u>Position.</u>		25021/T	30283	30470	
8'8.1/2" centre	3/4" dia.	Eye & Jaw.	Pull Rod to Bogie.			30285	30504	
of eye to end.				STEEL.				
DIAGRAM 2. ITEM 3.								
<u>RODS.</u>								
<u>Full.</u>					Craven	30281	30470	
<u>Length.</u>	<u>Section.</u>	<u>Ends.</u>	<u>Position.</u>		25021/J ¹	30283	30504	
15'5. 3/8" o/all	3/4" dia.	Jaw & Screw.	Handbrake	STEEL.		30285		
<u>RODS.</u>								
<u>Full.</u>					Craven	30281	30470	
<u>Length.</u>	<u>Section.</u>	<u>Ends.</u>	<u>Position.</u>		25021/V	30283	30504	
18'11. 3/4" o/all.	3/4" dia.	Jaw & Screw.	Handbrake	STEEL.		30285		
<u>RODS.</u>								
<u>Full.</u>					Craven	30280	30352	30469
Catalogue No. applied for in 9/14.					24955/E ¹	30282	30353	30503
DIAGRAM 1. ITEM 8.						30284	30418	30505
								30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>RODS.</u>				
<u>Tie.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/59354.	24957/T	30282	30353	30503
DIAGRAM 1. ITEM 4.		30284	30418	30505
				30533-6
<u>ROTORS AND SHAFTS.</u>				
<u>Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/59680.	Dewandre.	30282	30353	30505
DIAGRAM 9. ITEM 33.	R.E. 169-1	30284	30469	30533-6
<u>SCREWS.</u>				
<u>Set, Valve Clappet.</u>	SC/DE/77562.	30280-5	30470	
See Catalogue No. 9/18/47781.		30352-4	30503-5	
DIAGRAM 7. ITEM 9.		30469	30533-6	
<u>SCREWS.</u>				
<u>Transit, 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/77090	30280-5	30470	
See Catalogue No. 9/19/69101.		30352-4	30503-5	
DIAGRAM 6. ITEM 44.		30469	30533-6	
<u>SEALS.</u>				
<u>Oil, Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/60680.	Dewandre.	30282	30353	30505
DIAGRAM 9. ITEM 8.	S.F. 310-6	30284	30469	30533-6
<u>SEATS.</u>				
<u>Filler Cap, Oil Separator.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/61500.	Dewandre.	30282	30353	30505
	C.I. 2650	30284	30469	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>SEATS.</u>				
<u>Piston Ball Valve. 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/77062.	30280-5	30470	
<u>See Catalogue No. 9/19/71001.</u>		30352-4	30503-5	
DIAGRAM 6. ITEM 24.		30469	30533-6	
<u>SEATS.</u>				
<u>Valve. Combined Deadmans Control Emergency Valve.</u>	Gresham & Craven 5/12711.	30280	30352	30503
<u>See Catalogue No. 9/14/61630.</u>		30282	30353	30505
DIAGRAM 5. ITEM 41.		30284	30469	30533-6
<u>SEATINGS.</u>				
<u>Body. Combined Deadmans Control Emergency Valve.</u>	Gresham & Craven 25/13544	30280	30352	30503
<u>See Catalogue No. 9/14/61100.</u>		30282	30353	30505
DIAGRAM 5. ITEM 28.		30284	30469	30533-6
<u>SEATINGS.</u>				
<u>Release Valve. 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/77069.	30280-5	30470	
<u>See Catalogue No. 9/19/69601.</u>		30352-4	30503-5	
DIAGRAM 6. ITEM 38.		30469	30533-6	
<u>SEATINGS.</u>				
<u>1" Passenger Communication Emergency Valve.</u>	Gresham & Craven 20/14091-S	30280-5	30470	
<u>1.1/2" o/dia x 1.1/4" i/dia x 5/8". BRASS.</u>		30352-4	30503-5	
DIAGRAM 8. ITEM 7.		30469	30533-6	
<u>SEATINGS.</u>				
<u>Valve. 1.1/2" Automatic Isolating Valve.</u>	Gresham & Craven 20/14255 S	30280-5	30470	
<u>1.11/16" o/dia x 1/2" long. GUNMETAL TUBE.</u>		30352-4	30503-5	
DIAGRAM 3. ITEM 20.		30469	30533-6	

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>SEATINGS.</u>				
Valve. Combined Deadmans Control & Emergency Valve.	Gresham &	30280-5	30470	
See Catalogue No. 9/14/61400.	Craven	30352-4	30503-5	
DIAGRAM 5. ITEM 44.	11/9493.	30469	30533-6	
<u>SEATINGS.</u>				
Valve. Combined Deadmans Control Emergency.	Gresham &	30280	30352	30503
See Catalogue No. 9/14/61420.	Craven	30282	30353	30505
DIAGRAM 5. ITEM 27.	8/13544.	30284	30469	30533-6
<u>SEATINGS.</u>				
Valve. 1.1/2" Feed Valve.	Gresham &	30280-5	30470	
See Catalogue No. 9/14/61450.	Craven	30352-4	30503-5	
DIAGRAM 4. ITEM 5.	5/14196	30469	30533-6	
<u>SEATINGS.</u>				
Valve. (Passenger Communication Valve)	SC/DE/77556	30280 - 5	30470	
See Catalogue No. 9/18/47833.		30352-4	30503-5	
DIAGRAM 7. ITEM 8.		30469	30533-6	
<u>SEATINGS.</u>				
Valve. Vacuum Brake Cylinder 18" & 21"	SW/DE/77064	30280-5	30470	
See Catalogue No. 9/19/69701.		30352-4	30503-5	
DIAGRAM 6. ITEM 31.		30469	30533-6	
<u>SEPERATORS.</u>				
Oil.	Clayton			
See Catalogue No. 9/14/61700.	Dewandre	30280	30352	30503
	G. A. 4407-1	30282	30353	30505
		30284	30469	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>SHACKLES.</u>				
1" Passenger Communication Emergency Valve.	Gresham &	30280-5	30470	
1 1/16" eff. depth x 1/8" dia. Eyed both ends. 'U' Shaped	Craven	30352-4	30503-5	
DIAGRAM 8. ITEM 17. STEEL.	20/14092-S	30469	30533-6	
<u>SHACKLES.</u>				
Release Spring (U/frame to Brakeshaft Lever)	Craven	30281	30470	
2.1/4" effective length x 3/8" dia. U. shaped. Eyed both ends. STEEL.	25022/F ¹	30283	30504	
		30285		
<u>SHAFTS.</u>				
Brake (Handbrake)	Craven	30281	30470	
Length o/sll.	25022/A	30283	30504	
1'6.17/32".		30285		
Dis. 2"	Levers.			
One Jaw. One Crank. STEEL.				
<u>SHAFTS.</u>				
Brake (Handbrake)	Craven	30280	30352	30469
Length o/sll.	25022/A	30282	30353	30503
1'6.17/32".		30284	30418	30505
Dis. 2"	Levers.			
One Jaw, One Plain. STEEL.				
<u>SHAFTS.</u>				
Brake.	Craven	30280	30352	30469
Length o/sll.	24955/B	30282	30353	30503
2'11.3/8".		30284	30418	30505
DIAGRAM 1. ITEM 3.				30533-6
Dis. 3.1/2"	Levers.			
Two Jaw. STEEL.				
<u>SHAFTS.</u>				
Brake.	Craven	30280	30352	30469
Length o/sll.	24955/A	30282	30353	30503
2'11.3/8".		30284	30418	30505
DIAGRAM 1. ITEM 3.				30533-6
Dis. 3.1/2"	Levers.			
One Jaw, One Power. STEEL.				

DESCRIPTION.	DRG. NO.	LOT NOS.	
<u>SHAFTS.</u>			
<u>Brake (Handbrake)</u>	Craven	30281	30354
<u>Length o/ell.</u> <u>Dia.</u>	25021/A ¹ , H, Q,	30283	30470
3'3.9/16". 4.1/2"	R, C ¹	30285	30504
DIAGRAM 2. ITEM 2.	Three Plain, One Power. STEEL.		
<u>SHAFTS.</u>			
<u>Brake.</u>	Craven	30281	30354
<u>Length o/ell.</u> <u>Dia.</u>	25021/A ¹ , J, Q,	30283	30470
3'3.9/16". 4.1/2"	R, C ¹ .	30285	30504
DIAGRAM 2. ITEM 2.	Three Plain, One Jew. STEEL.		
<u>SHELLS.</u>			
<u>Inner. Vacuum Brake Cylinder 21".</u>	SW/DE/64462.	30280-5	30470
See Catalogue No. 9/19/15911.		30352-4	30503-5
DIAGRAM 6. ITEM 4.		30469	30533-6
<u>SHELLS.</u>			
<u>Outer. Vacuum Brake Cylinder 21".</u>	SW/DE/11760	30280-5	30470
See Catalogue No. 9/19/72796.		30352-4	30503-5
DIAGRAM 6. ITEM 1.		30469	30533-6
<u>SHIELDS.</u>			
<u>Passenger Communication.</u>	Craven	30280-5	30469
See Catalogue No. 9/18/47936.	24832/J	30352-4	30470
		30418	30503-5
			30533-6
<u>SHOES.</u>			
<u>Brakeblock.</u>	SC/SW/426.	30280-5	30469
See Catalogue No. 9/14/62000.	Craven	30352-4	30470
DIAGRAM 1. ITEM 16. DIAGRAM 2. ITEM 12.	24953/B	30418	30503-5
			30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>SLEEVES.</u>				
Piston Rod. 18" & 21" Vacuum Brake Cylinder. See Catalogue No. 9/18/48006. DIAGRAM 6. ITEM 47.	SC/SW/221.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SLEEVES.</u>				
Triangular Crossbar. 1.17/32" i/dia x 2" o/dia x 3.3/8". STEEL.	Craven 24959/A ¹	30281 30283 30285	30354 30470 30504	30533-6
<u>SLEEVES.</u>				
Valve. 1.1/2" Feed Valve. See Catalogue No. 9/14/62300. DIAGRAM 4. ITEM 3	Gresham & Craven 3/14196	30280-5 30352-4 30469	30470 30503-5. 30533-6	
<u>SOLENOIDS.</u>				
Combined Deadmans Control & Emergency Valve. See Catalogue No. 9/14/62810. DIAGRAM 5. ITEM 35.	Gresham & Craven 20/14109.	30280 30282 30284	30352 30353 30469	30503 30505 30533-6
<u>SPINDLES.</u>				
1" & 1.1/2" Automatic Isolating Valve. 5. 3/4" o/all x 3/8" dia. STEEL. DIAGRAM 3. ITEM 23.	Gresham & Craven 23/14139S	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPINDLES.</u>				
Brake Screw (Handbrake) 2'11.1/8" long o/all. Screwed 3/4" dia whit one end, 1.1/8" dia at other, with 1'6" of R.H. 3/4" pitch, double start, square thread. STEEL.	Craven 25030/A	30280-5 30352-4 30418	30469 30470 30503-5	

DESCRIPTION.	DRG. NO.	LOT NOS.
<u>SPINDLES.</u>		
<u>Drivers Brake Valve.</u>	Gresham &	30280-5 30470
See Catalogue No. 9/14/63070.	Craven	30352-4 30503-5
DIAGRAM 10. ITEM 16.	18/13552.	30469 30533-6
<u>SPINDLES.</u>		
<u>1 1/2" Feed Valve.</u>	Gresham &	30280-5 30470
See Catalogue No. 9/14/63160.	Craven	30352-4 30503-5
DIAGRAM 4. ITEM 10.	10/14196	30469 30533-6
<u>SPINDLES.</u>		
<u>1" Passenger Communication Emergency Valve.</u>	Gresham &	30280-5 30470
4 1/2" o/all. STEEL.	Craven	30352-4 30503-5
DIAGRAM 8. ITEM 13.	16/14092-S	30469 30533-6
<u>SPINDLES.</u>		
<u>Release Valve. Vacuum Brake Cylinder 18" & 21".</u>	SW/DE/64469.	30280-5 30533-6
See Catalogue No. 9/19/73901.		30352-4
DIAGRAM 6. ITEM 33.		30503-5
<u>SPINDLES.</u>		
<u>Valve. Combined Deadmans Control Emergency Valve.</u>	Gresham &	30280-5 30470
6 1/2" o/all.	Craven	30352-4 30503-5
DIAGRAM 5. ITEM 45.	44/9251.	30469 30533-6
<u>SPINDLES.</u>		
<u>Valve. 1" Passenger Communication Emergency Valve.</u>	Gresham &	30280-5 30470
4 1/8" o/all x 1 1/2" dia. Head 1.15/16" x 3/8".	Craven	30352-4 30503-5
DIAGRAM 8. ITEM 2. ALUMINIUM BRONZE CASTINGS,	24/14092.	30469 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>SPRINGS.</u>				
Air Disc. Drivers Brake Valve. See Catalogue No. 9/14/63360. DIAGRAM 10. ITEM 6.	Gresham & Craven 10/11823.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
1" & 1.1/2" Automatic Isolating Valve. See Catalogue No. 9/14/63390. DIAGRAM 3. ITEM 4.	Gresham & Craven 4/14139M	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
Combined Deadmans Control Emergency Valve. & 1" Automatic Isolating Valve. See Catalogue No. 9/14/63470. DIAGRAM 5. ITEM 65. DIAGRAM 3. ITEM 34.	Gresham & Craven 5/14162.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
1.1/2" Feed Valve. See Catalogue No. 9/14/63520. DIAGRAM 4. ITEM 12.	Gresham & Craven 12/11800	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
Handle, Drivers Brake Valve. See Catalogue No. 9/14/63570. DIAGRAM 10. ITEM 5.	Gresham & Craven 6/11823	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
Oil, Sperator. See Catalogue No. 9/14/63580.	Clayton Dewandre. S.F. 62-33	30280 30282 30284	30352 30353 30469	30503 30505 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>SPRINGS.</u>				
<u>1" Passenger Communication Emergency Valve.</u> See Catalogue No. 9/14/63516. DIAGRAM 8. ITEM 5.	Gresham & Craven 5/14092.	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
<u>1" Passenger Communication Emergency Valve.</u> <u>2" Free x 17/32" o/dia x 1/16". SPRING STEEL.</u> DIAGRAM 8. ITEM 8.	Gresham & Craven 20/7754M	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
<u>(Passenger Communication Valve)</u> See Catalogue No. 9/18/48151. DIAGRAM 7. ITEM 7.	SC/DE/77555	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>SPRINGS.</u>				
<u>Release Brake Pull Rod.</u> See Catalogue No. 9/18/48131. DIAGRAM 1. ITEM 24.	Craven 24961/A	30280 30282 30284	30352 30353 30418	30469 30503 30505 30533-6
<u>SPRINGS.</u>				
<u>Release. U/frame to Brakeshaft Lever.</u> <u>10.1/4" Free Length. x 1.7/8" i/dia x 2.1/2" o/dia. 22 Coils. STEEL.</u>	Craven 25021/F ¹	30281 30283 30285	30354 30470 30504	
<u>SPRINGS.</u>				
<u>Sealing Plate, Exhauster.</u> See Catalogue No. 9/14/63590. DIAGRAM 9. ITEM 6.	Clayton Dewandre. RE. 801-1	30280 30282 30284	30352 30353 30469	30503 30505 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.	
<u>STOPS.</u>			
<u>Clutch. 1" Passenger Communication Emergency Valve.</u> 1.13/32" x 3/4" dia. BRASS. DIAGRAM 8. ITEM 21.	Gresham & Craven 25/14092-S	30280-5 30352-4 30469	30470 30503-5 30533-6
<u>STOPS.</u>			
<u>Piston. Vacuum Brake Cylinder 21"</u> Catalogue No. applied for. DIAGRAM 6. ITEM 46.	SW/DE/77299.	30280-5 30352-4 30469	30470 30503-5 30533-6
<u>STOPS.</u>			
<u>Valve Controller (Passenger Communication Valve)</u> 2.9/16" long centre of hole to end x 1/2" BRASS. DIAGRAM 7. ITEM 14.	SC/DE/77550	30280-5 30352-4 30469	30470 30503-5 30533-6
<u>STRAINERS.</u>			
<u>Combined Deadmans Control Emergency Valve.</u> See Catalogue No. 9/14/64540. DIAGRAM 5. ITEM 25.	Gresham & Craven 15/9493.	30280 30282 30284	30352 30353 30469 30503 30505 30533-6
<u>STUDS.</u>			
<u>Cover. 18" & 21" Vacuum Brake Cylinder.</u> See Catalogue No. 9/19/78500. DIAGRAM 6. ITEM 26.	SW/DE/77058	30280-5 30352-4 30469	30470 30503-5 30533-6
<u>STUDS.</u>			
<u>Gland Cover, Vacuum Brake Cylinder 18" & 21".</u> See Catalogue No. 9/19/78600. DIAGRAM 6. ITEM 16.	SW/DE/77058	30280-5 30352-4 30469	30470 30503-5 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.			
<u>STUDS.</u>					
Release Valve. 18" & 21" Vacuum Brake Cylinder. See Catalogue No. 9/19/78700. DIAGRAM 6. ITEM 19.	SW/DE/77058	30280-5 30352-4 30469	30470 30533-6		
<u>STUDS.</u>					
Vertical Lever Hanger Bracket. See Catalogue No. 9/14/64990.	Craven 24959/M	30281 30283 30285	30354 30470 30504	30533-6	
<u>SUPPORTS.</u>					
Lever. See Catalogue No. 9/14/65400.	Craven 24957/W	30280 30282 30284	30352 30353 30418	30469 30503 30505	30533-6
<u>TRUNNIONS.</u>					
Brake Screw (Handbrake) 5.1/4" long o/all x 2.3/4" x 2.1/2" x 1.1/2". Screwed R.H. 3/4" Pitch. Double start, Square thread. STEEL.	Craven 25030/J	30280-5 30352-4 30418	30469 30470 30503-5		
<u>TRUNNIONS.</u>					
Vacuum Brake Cylinder 18" & 21". See Catalogue No. 9/19/80870. DIAGRAM 6. ITEM 2.	SW/DE/64461	30280-5 30352-4 30469	30470 30503-5 30533-6		
<u>TURNBUCKLES.</u>					
Adjusting. Full Rod. 9" long o/all. Tapped 3/4" B.S.W. R.H. one end. 3/4" B.S.W. L.H. at other. STEEL.	Craven 25021/X	30281 30283 30285	30470 30504		

DESCRIPTION.	DRG. NO.	LOT NOS.	
<u>VALVES.</u>			
<u>Automatic Feed.</u> See Catalogue No. 9/14/67080. DIAGRAM 4.	Gresham & Craven 14196	30280-5 30352-4 30469	30470 30503-5 30533-6
<u>VALVES.</u>			
<u>1.1/2" Automatic Isolating Valve.</u> 2.5/8" long o/all. BRASS. DIAGRAM 3. ITEM 18	Gresham & Craven 18/14255S	30280-5 30352-4 30469	30470 30503-5 30533-6
<u>VALVES.</u>			
<u>Clappet (Passenger Communication Valve)</u> See Catalogue No. 9/18/48631. DIAGRAM 7. ITEM 1.	SC/DE/77546.	30280-5 30352-4 30469	30470 30503-5 30533-6
<u>VALVES.</u>			
<u>Combined Deadmans Control Emergency.</u> See Catalogue No. 9/14/67130. DIAGRAM 5.	Gresham & Craven 14258	30280 30282 30284	30352 30353 30469 30503 30505 30533-6
<u>VALVES.</u>			
<u>Diaphragm. Combined Deadmans Control & Emergency Valve.</u> 1.1/8" dia with 11/16" dia. x 3/8" collar x 3/4" width. BRASS. DIAGRAM 5. ITEM 8.	Gresham & Craven 6/9493	30280 30282 30284	30352 30353 30469 30503 30505 30533-6
<u>VALVES.</u>			
<u>Drivers Brake.</u> See Catalogue No. 9/14/67180. DIAGRAM 10.	Gresham & Craven 13552C	30280-5 30352-4 30469	30470 30503-5 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.
<u>VALVES.</u>		
<u>1.1/2" Feed Valve.</u>	Gresham &	30280-5 30470
See Catalogue No. 9/14/67080.	Craven	30352-4 30503-5
DIAGRAM 4. ITEM 2.	2/14196	30469 30533-6
<u>VALVES.</u>		
<u>Guards, Non-Auto.</u>	SC/DE/75037/2	30280-5 30470
See Catalogue No. 9/18/48711.		30352-4 30503-5
DIAGRAM 11. ITEM 5.		30469 30533-6
<u>VALVES.</u>		
<u>Guards Non-Auto Valve.</u>	SC/DE/75038	30280-5 30470
See Catalogue No. 9/18/48736.		30352-4 30503-5
DIAGRAM 11. ITEM 10.		30469 30533-6
<u>VALVES.</u>		
<u>Guards, Non-Auto.</u>	SC/DE/75037/1	30280-5 30470
See Catalogue No. 9/18/48716.		30352-4 30503-5
DIAGRAM 11. ITEM 6.		30469 30533-6
<u>VALVES.</u>		
<u>Guards, Non-Automatic.</u>	SC/DE/55068	30280-5 30470
See Catalogue No. 9/18/48751.		30352-4 30503-5
DIAGRAM 11.		30469 30533-6
<u>VALVES.</u>		
<u>Isolating 1.1/2".</u>	Gresham &	30280-5 30470
See Catalogue No. 9/14/67270.	Craven	30352-4 30503-5
DIAGRAM 3.	14255	30469 30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.	
<u>VALVES.</u>			
<u>Non-Return.</u>	Gresham &	30280	30352
See Catalogue No. 9/14/67300.	Craven	30282	30353
	11119A	30284	30469
			30503
			30505
			30533-6
<u>VALVES.</u>			
<u>Passenger Communication.</u>	SC/DE/57048	30280-5	30470
Catalogue No. applied for in 9/18.		30352-4	30503-5
DIAGRAM 7.		30469	30533-6
<u>VALVES.</u>			
<u>1" Passenger Communication Emergency L.H.</u>	Gresham &	30280-5	30470
See Catalogue No. 9/14/67350.	Craven	30352-4	30503-5
DIAGRAM 8.	14092	30469	30533-6
<u>VALVES.</u>			
<u>1" Passenger Communication Emergency R.H.</u>	Gresham &	30280-5	30470
See Catalogue No. 9/14/67355.	Craven	30352-4	30503-5
DIAGRAM 8.	14092.	30469	30533-6
<u>VALVES.</u>			
<u>1" Passenger Communication Emergency Valve.</u>	Gresham &	30280-5	30470
1.9/16" o/d all screwed 5/8" dia. x 16 T.P.I. for 3/4" BRASS.	Craven	30352-4	30503-5
DIAGRAM 8. ITEM 1.	1/14092-S	30469	30533-6
<u>VALVES.</u>			
<u>Release 18" & 21" Vacuum Brake Cylinder.</u>	SW/DE/64467	30280-5	30470
See Catalogue No. 9/19/83301.		30352-4	30503-5
DIAGRAM 6. ITEM 28.		30469	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>WASHERS.</u>				
<u>1" & 1.1/2" Automatic Isolating Valve & Combined Deadmans Control.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/67587.	Craven	30352-4	30503-5	
DIAGRAM 3. ITEM 26. DIAGRAM 5. ITEM 40.	5/1042 S	30469	30533-6	
<u>WASHERS.</u>				
<u>Crossbar.</u>	Craven	30280	30352	30469
See Catalogue No. 9/14/67630.	24957/R	30282	30353	30503
		30284	30418	30505
				30533-6
<u>WASHERS.</u>				
<u>Diaphragm, Release Valve, Vacuum Brake Cylinder 18" & 21".</u>	SF/DE/77067	30280-5	30470	
See Catalogue No. 9/19/48701.		30352-4	30503-5	
DIAGRAM 6. ITEM 35.		30469	30533-6	
<u>WASHERS.</u>				
<u>Equaliser.</u>	Craven	30281	30354	30533-6
See Catalogue No. 9/14/67680.	24959/Z	30283	30470	
		30285	30504	
<u>WASHERS.</u>				
<u>Exhauster.</u>	Clayton	30280	30352	30503
0.257" i/dia x 0.437" o/dia x 0.06" thick. COPPER.	Dewandre.	30282	30353	30505
DIAGRAM 9. ITEM 21.	SF. 240/58	30284	30469	30533-6
<u>WASHERS.</u>				
<u>1.1/2" Feed Valve.</u>	Gresham &	30280-5	30470	
See Catalogue No. 9/14/67580.	Craven	30352-4	30503-5	
DIAGRAM 4. ITEM 18	18/11800	30469	30533-6	
<u>WASHERS.</u>				
<u>Plug Exhauster.</u>	Clayton	30280	30352	30503
See Catalogue No. 9/14/67900	Dewandre.	30282	30353	30505
DIAGRAM 9. ITEM 13.	S. F. 240/4	30284	30469	30533-6

DESCRIPTION.	DRG. NO.	LOT NOS.		
<u>WASHERS.</u>				
Piston Head, Vacuum Brake Cylinder 18" & 21". DIAGRAM 6. ITEM 9. See Catalogue No. 9/19/84601.	SW/DE/77053	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>WASHERS.</u>				
Thrust, Handbrake, Spindle Bearing. 1 1/2" dia x 1/4" thick over convex surfaces. GUNMETAL.	Creven. 25030/H	30280-5 30352-4 30418	30469 30470 30503-5	
<u>WASHERS.</u>				
Triangular Crossbar. 1 1/2" i/dia x 3" o/dia x 3/8" STEEL.	Creven 24959/G	30281 30283 30285	30354 30470 30504	30533-6
<u>WASHERS.</u>				
Valve. 1 1/2" Automatic Isolating Valve. 13/16" i/dia x 1 15/16" o/dia. x 1/8". RUBBER. DIAGRAM 3. ITEM 21.	Gresham & Creven 5/12711 S	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>WASHERS.</u>				
Valve. 1" Passenger Communication Emergency Valve. 29/32" i/dia x 1 23/32" o/dia. x 1/8". INDIA RUBBER. DIAGRAM 8. ITEM 6.	Gresham & Creven 21/14091S	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>WASHERS.</u>				
Valve Seat. (Passenger Communication Valve) See Catalogue No. 9/18/49184. DIAGRAM 7. ITEM 3.	SC/ES/77551	30280-5 30352-4 30469	30470 30503-5 30533-6	
<u>WHEELS.</u>				
Hand. (Handbrake) 1 1/2" o/dia x 1" dia rim. With 7/8" square hole complete with handle. CAST IRON.	Creven 25065/J	30280-5 30352 30353	30418 30469 30470	30503-5

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