

## 26 TYPE BRAKE EQUIPMENTS

### Rubber Repair Kits

APRIL, 1959

(Ref: TOP: 48. 128)

The widespread acceptance of 26 Type Brake Equipments for switcher and road locomotives, as well as for railroad passenger cars, has brought about the innovation of "Rubber Item Repair Kits" that contain rubber items required during periodic cleaning periods of specific valves. The repair kits are classified in two categories: a kit that contains all of the rubber items necessary during the major repair of a device; and a kit that contains only those rubber parts that move within the valve. The kit of moving rubber parts is made up of only "O" rings and does not include diaphragms. This was established since even though diaphragms are actuated as frequently as are "O" rings, it is generally agreed that diaphragm replacements would be required less often.

Each repair kit is packaged in a single container and thus covered by one piece number. In this manner, each kit may be stored to provide a single readily accessible kit that contains the proper items during that specific cleaning or repair operation. All rubber items should be stored in a cool dry place and in localities away from machines that emit electric arcs, since it has been revealed that electric arcing does have a detrimental effect upon all stored rubber goods.

The following tabulation provides the consist of the individual items contained in each kit. It will be noted that since the Service Portions for the 26-C and 26-F Control Valves are the same, the repair kits are identical. Similarly, the Quick Release Portions for the 26-D and 26-F Control Valves are identical and therefore the repair kits are the same.

## service bulletin

### SA-26 INDEPENDENT BRAKE VALVE

#### Pc. No. 559549 Kit of rubber repair parts

Quan.	Pc. No.	Description
2	531868	3/4" O. D. "O" Ring
1	526346	Diaphragm
2	524614	15/16" O. D. "O" Ring
1	524935	13/16" O. D. "O" Ring
1	557236	Gasket
1	557237	Pipe Bracket Gasket Pc.

#### No. 559550 - Kit of moving rubber repair parts

2	531868	3/4" O. D. "O" Ring
1	524935	13/16" O. D. "O" Ring
2	524614	15/16" O. D. "O" Ring

### 26-C AUTOMATIC BRAKE VALVE

#### Pc. No. 559547 - Kit of rubber repair parts

4	534527	11/16" x 1/2" Ring Gasket
1	534031	7/8" x 11/16" Ring Gasket
1	P5106	Seal
1	532257	11/16" O. D. "O" Ring
1	536239	17/16" O. D. "O" Ring
3	557396	Valve Seal
3	524614	15/16" O. D. "O" Ring
2	532282	15/8" O. D. "O" Ring
1	536300	Diaphragm
1	527717	9/16" x 3/8" Ring Gasket
2	529009	Check Valve
16	524612	1/2" O. D. "O" Ring
3	524935	13/16" O. D. "O" Ring
1	526346	Diaphragm
1	526388	13/8" O. D. "O" Ring
1	536582	2" O. D. "O" Ring
1	557394	Back Cover Gasket
1	551188	Check Valve
2	524715	2 1/4" O.D. "O" Ring
1	557395	Pipe Bracket Gasket

**Pc. No. 559548 - Kit of moving rubber repair parts**

16	524612	1/2" O. D. "O" Ring
1	532257	11/16" O. D. "O" Ring
2	524935	13/16" O. D. "O" Ring
3	524614	15/16" O. D. "O" Ring
1	526388	1 3/8" O. D. "O" Ring
1	532282	1 5/8" O. D. "O" Ring
1	536582	2" O. D. "O" Ring

**F - 1 SELECTOR VALVE****Pc. No. 559555 - Kit of rubber repair parts**

3	524794	1 1/2" O. D. "O" Ring
4	536580	1 9/16" O. D. "O" Ring
4	532282	1 5/8" O. D. "O" Ring
1	533417	Spring Cover Gasket
1	558535	Valve Cover Gasket
1	558534	Pipe Bracket Gasket

**Pc. No. 559556 - Kit of moving rubber repair parts**

3	524794	1 1/2" O. D. "O" Ring
4	536580	1 9/16" O. D. "O" Ring
4	532282	1 5/8" O. D. "O" Ring

**MU-2-A VALVE****Pc. No. 561084 - Kit of rubber repair parts**

6	524614	1 5/16" O. D. "O" Ring
1	558987	Pipe Bracket Gasket

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### P-2 BRAKE APPLICATION VALVE

#### Pc. No. 560726 - Kit of rubber repair parts

1	557261	Diaphragm
1	534662	3/8" O. D. "O" Ring
6	531868	3/4" O. D. "O" Ring
1	526388	1 3/8" O. D. "O" Ring
3	533134	5/16" O. D. "O" Ring
1	540542	1 7/8" x 1 11/16" Ring Gasket
1	528764	3/4" x 9/16" Ring Gasket
1	560010	Pipe Bracket Gasket

#### Pc. No. 560727 - Kit of moving rubber repair parts

3	533134	5/16" O. D. "O" Ring
1	526388	1 3/8" O. D. "O" Ring
6	531868	3/4" O. D. "O" Ring

### J-I RELAY VALVE

#### Pc. No. 560728 - Kit of rubber repair parts

1	523734	7/8" O. D. "O" Ring
1	551746	Diaphragm
3	527555	1 1/8" O. D. "O" Ring
2	528764	3/4" x 9/16" Ring Gasket
1	557943	Check Valve
1	553823	Top Cover Gasket
1	97368	Pipe Bracket Gasket

**26-D CONTROL VALVE****Service Portion****Pc. No. 559551 - Kit of rubber repair parts**

3	531868	3/4" O. D. "O" Ring
1	551745	Small Diaphragm
1	527717	9/16" x 3/8" Ring Gasket
1	523732	9/16" O. D. "O" Ring
1	551746	Large Diaphragm
1	532092	15/16" x 3/4" Ring Gasket
1	98170	Service Application Check Valve
1	524719	1-1/4" O. D. "O" Ring
1	524935	13/16" O. D. "O" Ring
2	508371	Auxiliary Charging Check Valve
1	556057	Top Cover Gasket
3	524612	1/2" O. D. "O" Ring
1	545420	Charging Valve Diaphragm
1	534031	7/8" x 11/16" Ring Gasket
1	557174	Pipe Bracket Gasket

**Pc. No. 559552 - Kit of moving rubber repair parts**

3	524612	1/2" O. D. "O" Ring
1	523732	9/16" O. D. "O" Ring
2	531868	3/4" O. D. "O" Ring
1	524935	13/16" O. D. "O" Ring

**Quick Release Portion****Pc. No. 559553 - Kit of rubber repair parts**

1	546582	Small Diaphragm
5	523842	5/8" O. D. "O" Ring
1	551144	Large Diaphragm
2	524612	1/2" O. D. "O" Ring
1	532092	15/16" x 3/4" Ring Gasket
1	557173	Pipe Bracket Gasket

**Pc. No. 559554 - Kit of moving rubber repair parts**

2	524612	1/2" O. D. "O" Ring
5	523842	5/8" O.D. "O" Ring

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### 26-F CONTROL VALVE

#### Service Portion

#### Pc. No. 560724 - Kit of rubber repair parts

3	531868	3/4" O. D. "O" Ring
1	551745	Diaphragm
1	527717	9/16" x 3/8" Ring Gasket
7	523732	9/16" O. D. "O" Ring
1	551746	Diaphragm
2	532092	15/16" x 3/4" Ring Gasket
1	536584	23/8" O. D. "O" Ring
1	536580	19/16" O. D. "O" Ring
4	524719	11/4" O. D. "O" Ring
2	533140	Check Valve (Emergency Lim. Cont. Res. Dissp.)
1	524413	13/4" O. D. "O" Ring
1	523759	11/16" O. D. "O" Ring
1	98170	Check Valve (Serv. Appl.)
1	524935	13/16" O. D. "O" Ring
1	508371	Check Valve (Aux. Res. Chg.)
1	505782	Check Valve (Control Res. Chg.)
1	529009	Check Valve (Back Flow)
1	557929	Gasket
4	524612	1/2" O. D. "O" Ring
1	545420	Diaphragm (Chg. Valve)
1	534031	7/8" x 11/16" Ring Gasket
1	511874	Gasket
1	558720	Diaphragm (Selector Valve)
1	523842	5/8" O. D. "O" Ring
1	540542	17/8" x 11/16" Ring Gasket
1	557924	Pipe Bracket Gasket

**Pc. No. 560725 - Kit of moving rubber repair parts**

3	531868	3/4" O. D. "O" Ring
7	523732	9/16" O. D. "O" Ring
2	524719	1-1/4" O. D. "O" Ring
1	524413	1 3/4" O. D. "O" Ring
1	523759	1 1/16" O. D. "O" Ring
1	524935	1 3/16" O. D. "O" Ring
4	524612	1/2" O. D. "O" Ring

**Quick Release Portion**

**Pc. No. 559553 - Kit same as for 26-D Control Valve.**

**Pc. No. 559554 - Kit same as for 26-D Control Valve.**

**26-C CONTROL VALVE****Service Portion**

**Pc. No. 560724 - Kit same as for 26-F Control Valve.**

**Pc. No. 560725 - Kit same as for 26-F Control Valve.**

**Emergency Portion****Pc. No. 561121 - Kit of rubber repair parts**

1	545094	1 3/8" O. D. Ring Gasket
3	533212	1" O. D. Ring Gasket
3	523842	5/8" O. D. "O" Ring
1	523734	7/8" O. D. "O" Ring
1	548259	Diaphragm
1	533417	2 3/8" O. D. Ring Gasket
3	532092	1 5/16" O. D. Ring Gasket
3	523759	1 1/16" O. D. "O" Ring
1	554827	Check Valve
1	557925	Pipe Bracket Gasket

**Pc. No. 561122 - Kit of moving rubber repair parts**

3	523842	5/8" O. D. "O" Ring
3	523759	1 1/16" O. D. "O" Ring

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### 26-B-I AUTOMATIC BRAKE VALVE

#### Pc. No. 561123 - Kit of rubber repair parts

4	534527	1 <sup>1</sup> / <sub>16</sub> " O. D. Ring Gasket
1	534031	7 <sup>7</sup> / <sub>8</sub> " O. D. Ring Gasket
1	P5106	Seal
1	532257	1 <sup>1</sup> / <sub>16</sub> " O. D. "O" Ring
1	536239	1 <sup>7</sup> / <sub>16</sub> " O. D. "O" Ring
3	557396	Valve Seal
3	524614	1 <sup>5</sup> / <sub>16</sub> " O. D. "O" Ring
1	532282	1 <sup>5</sup> / <sub>8</sub> " O. D. "O" Ring
1	536300	Diaphragm
1	527717	9 <sup>9</sup> / <sub>16</sub> " O. D. Ring Gasket
1	529009	Check Valve
3	524935	1 <sup>3</sup> / <sub>16</sub> " O. D. "O" Ring
1	526346	Diaphragm
1	557394	Back Cover Gasket
1	557395	Pipe Bracket Gasket
17	524612	1 <sup>1</sup> / <sub>2</sub> " O.D. "O" Ring
2	526388	1 <sup>3</sup> / <sub>8</sub> " O. D. "O" Ring
1	536583	2 <sup>1</sup> / <sub>8</sub> " O. D. "O" Ring
1	536582	2" O. D. "O" Ring

#### Pc. No. 561124 - Kit of moving rubber repair parts

17	524612	1 <sup>1</sup> / <sub>2</sub> " O. D. "O" Ring
2	524935	1 <sup>3</sup> / <sub>16</sub> " O. D. "O" Ring
1	524614	1 <sup>5</sup> / <sub>16</sub> " O. D. "O" Ring
2	526388	1 <sup>3</sup> / <sub>8</sub> " O. D. "O" Ring
1	536583	2 <sup>1</sup> / <sub>8</sub> " O. D. "O" Ring
1	536582	2" O. D. "O" Ring