## TYPE 24
2¼" STROKE

A Brake Chamber is an actuator which converts the energy of air pressure into a mechanical force. Brake Chambers are available in nine sizes, providing a wide range of output forces and strokes. The type of chamber indicates the diaphragm's effective area (Type 30 = 30 sq. in. effective area).

For further information regarding installation and maintenance, consult Instruction & Service Data Sheet SD-28.

SEE CONVERSION LIST ON BACK OF PAGE
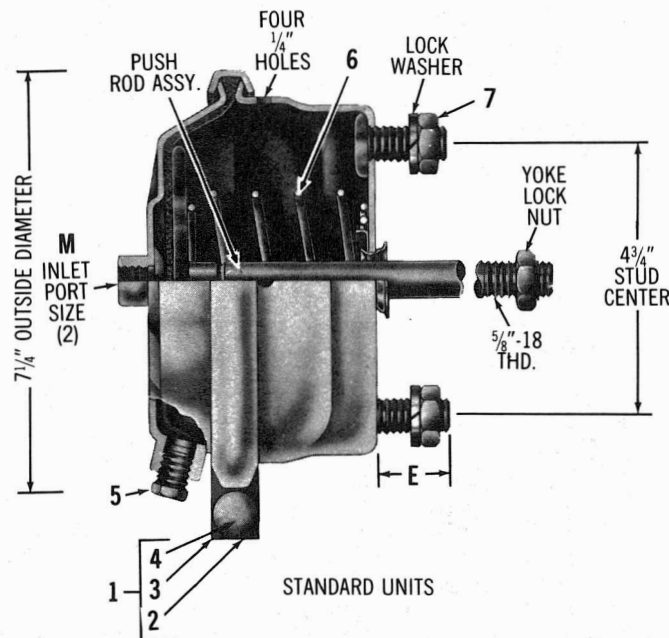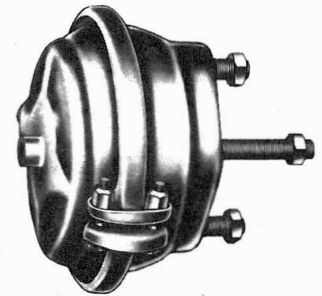
SERVICE CHAMBERS:
(1) Have long threaded Push Rod that may be cut to length.
(2) Do not include Yoke.

REFERENCE DETAILS

No.	Pc. No.	Quan.	Description
STANDARD UNITS			
1	282826	1	Clamp Ring Assy.
2	246927	1	Clamp Ring
3	249873	2	Nut
4	242386	2	Bolt
5	230111	1	Pipe Plug, ¼
6	234130	1	Spring
7	204781	2	Nut
WEATHERPROOF UNITS			
Add:			
8	235768	1	Grommet
BOOT UNITS			
Add:			
9	239496	1	Boot

SPRING LOAD

SPRING PC. NO.	LOAD AT 0" STROKE (LBS.)	LOAD INCREASE PER INCH OF STROKE (LBS.)
234130	32	9

PUSH ROD SEAL 225805 IS INCLUDED IN WEATHERPROOF NON-PRESSURE PLATE ASSY.

WEATHERPROOF UNITS

4⅜" APPROXIMATE RADIUS

BOOT RET. 239497 & SP. GUIDE ARE PART OF N. P. PLATE

BOOT UNITS
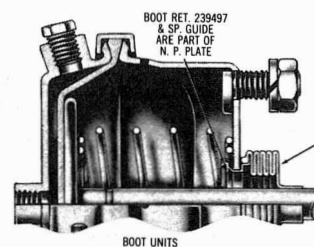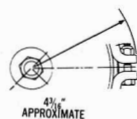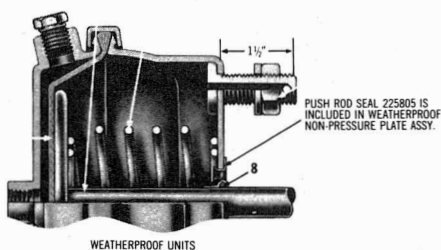
TYPE 24 SERVICE BRAKE CHAMBER PC. NO.	PUSH ROD ASSY. PC. NO.	YOKE LOCK NUT PC. NO.	LOCK WASHER (2 REQ'D.) PC. NO.	NON-PRESSURE PLATE PC. NO.	DIAPHRAGM PC. NO.	A ROD END TO PLATE	E STUD END TO PLATE	M INLET PORT SIZE	PRESSURE PLATE PC. NO.	INLET LOCATION	FEATURES
STANDARD UNITS											
227163	NOTE A	NONE	NONE	225947	234100-R	—	1¼	¼	225643	SIDE	ONE PC. PUSH ROD & YOKE
288808	288786	204781	202986	225973	234100-R	11"	1½	⅜	285430	C & S	STD. UNIT
288809	288786	204781	202986	225973	236667-N	11"	1½	⅜	285430	C & S	NEOPRENE DIAPHRAGM
WEATHERPROOF UNITS											
288810	288786	204781	202986	226638	234100-R	11"	1½	⅜	285430	C & S	STD. W. P. UNIT
288811	288786	204781	202986	226638	234100-R	11"	1½	⅜	285430	C & S	NEOPRENE DIA.
BOOT UNITS											
229321	224513	204781	NONE	229198	236667-N	8.12"	1.50	¼	225643	CENTER	NEOPRENE DIA.
B 288812	288786	204781	202986	229198	234100-R	11"	1.50	⅜	285430	C & S	STD. BOOT UNIT

A-THIS ASSY. HAS ONE PIECE PUSH ROD & YOKE 234411 WITH PUSH PLATE, 234410.
B-INCLUDES YOKE ASSY. 228790.

N-NEOPRENE
R-RUBBER

BRAKE CHAMBERS NOT AVAILABLE IN REMANUFACTURED EXCHANGE.

TYPE 24 BRAKE CHAMBER CONVERSION LIST

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
STANDARD UNITS		
225926	288808	NONE
226022	288808	228790
226091	288808	228790
226093	288808	228790
226211	288808	228790
226232	288808	NONE
226233	288808	NONE
226235	288808	NONE
226236	288808	NONE
226239	227163	SEE NOTE A
226261	288808	228790
226313	288808	NONE
226425	288808	228790
226577	288808	228790
226707	288808	228790
227026	288808	228790
227043	288808	234152
227163	227163	SEE NOTE A
227848	288808	NONE
227972	288808	228790
228010	288808	NONE
228098	288808	228798
228216	288808	228798
228386	288809	228798
228434	288808	228798
228476	288808	228790
228618	288808	239149
229673	288808	228798
229849	288808	228790
229850	288808	228790
275525	288808	228790
277075	288808	228790
277125	288809	NONE
277277	288808	239149
277941	288808	228790
278430	288808	239149
278461	288808	228790
278904	288808	239149
279097	288808	228790
279647	288808	228790
279798	288808	NONE
280060	288808	228790
280757	288808	239151
281691	288808	239149
282365	288808	239149
282366	288808	239149
284735	288809	NONE
284736	288809	NONE
284852	288808	NONE
275171	288808	NONE
285451	288809	NONE
286299	288808	NONE
286810	288809	NONE
287106	288809	228790
287220	288808	NONE
287353	288808	228790

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
STANDARD UNITS		
287354	288808	228790
287355	288808	239149
287356	288808	239149
287357	288808	239149
287694	288808	228790
287695	288808	228790
287696	288808	228790
287697	288808	228790
287698	288808	228790
287699	288808	228790
287700	288808	228790
287701	288808	228790
287702	288808	NONE
287703	288808	NONE
287704	288808	NONE
287705	288808	NONE
287706	288808	NONE
287707	288808	NONE
287708	288808	228798
287709	288809	228798
287710	288808	239149
287711	288808	239149
287712	288808	228798
287713	288808	228790
287714	288808	228790
287715	288808	239149
287716	288808	228790
287717	288808	239149
287718	288808	228790
287719	288808	239149
287720	288808	228790
287721	288808	239151
287722	288808	NONE
287723	288808	228790
287724	288808	NONE
287725	288808	228790
287726	288808	228790
287727	288808	239199
287728	288808	NONE
287729	288808	NONE
287730	288808	NONE
287731	288808	NONE
287732	288808	NONE
287733	288808	228790
287734	288808	228790
287735	288808	228790
287750	288808	228790
287779	288808	NONE
287797	288808	NONE
288015	288809	NONE
288016	288809	NONE
288085	288808	NONE
288243	288808	NONE
288458	288808	239149
288459	288808	239149

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
WEATHERPROOF UNITS		
226323	288810	228790
226383	288810	NONE
226385	288810	NONE
226386	288810	NONE
226667	288810	NONE
226960	288810	NONE
227146	288810	228790
227340	288811	228790
227725	288810	NONE
228061	288810	NONE
227913	288811	NONE
229581	288810	228790
280090	288810	228790
287762	288810	NONE
287763	288810	228790
287764	288810	NONE
287765	288810	228790
287766	288810	NONE
287767	288810	NONE
287770	288810	228790

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YOKE ASSY. PC. NO.
BOOT UNITS		
229316	288812	228790
229318	288812	NONE
229321	229321	NONE
229326	288812	228790
229337	288812	228790
229899	288812	228790
276916	288812	228790
277354	288812	228790
277548	288812	228790
282008	288812	NONE
282019	288812	NONE
282873	288812	228790