



TOP HEAD KITS FOR RECIPROCATING COMPRESSORS

RENEWAL PARTS

Supersedes: Nothing

1088

Form 180.00-RP1

Each Top Head "Valve Replacement" Kit listed in Table 1 contains the suction and discharge valves, springs, gaskets, screws and nuts that are recommended to be replaced when a valve replacement is required.

Each Top Head "Overhaul" Kit listed in Table 2 contains the suction valves, suction springs, suction valve plates, discharge valve cage assemblies, gaskets, bolts and lockwashers that are recommended to be replaced when a top head overhaul is necessary.

Each kit has all the recommended parts to service the valves located under one head (whether one, two or three cylinders) for each compressor listed.

A threaded torque value table is included with each kit.

If servicing a complete compressor, order the quantities as indicated in the table.

TABLE 1 — TOP HEAD "VALVE REPLACEMENT" KITS

Compressor	Suction Valve	Discharge Valve	Suction Spring	Discharge Spring	Top Head Gasket	Discharge Manifold Gasket	Cylinder Sleeve Gasket	Inner Disch. Valve Gasket	Inner Disch. Valve Screw	Suction Plate Valve Nut	Disch. Gage Lockwasher	Relief Top Head Gasket	Suction Valve Plate Gasket	Disch. Valve Seat Gasket	Water Jacket Head Gasket	Kit Part No.	No. of Kits Req'd. per Compressor						
																	3 cylinder	4 cylinder	6 cylinder	8 cylinder	9 cylinder	12 cylinder	16 cylinder
"S" Styles A, B, C	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	364-47667-001		2	3	4			
"F & H" 3 cylinder	•	•	•	•	•	*	•	•	•	•	•	•	•	•	•	364-47667-002	3						
"F & H" 6 cylinder	•	•	•	•	•	*	•	•	•	•	•	•	•	•	•	364-47667-003			3				
"F & H" 9 cylinder	•	•	•	•	•	*	•	•	•	•	•	•	•	•	•	364-47667-004					3		
"R" Styles A & B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	364-47667-006		2	3	4		6	8
"Y-53"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	364-47667-005		2	3	4		6	8
"J" Styles A, B, C, D, E, F	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	364-47667-007		2	3	4			
"G & G 2 stage"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	364-47667-008		2	3	4		6	8
"YC"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	364-47667-008			3	4		6	8

*Cylinder sleeve gaskets, P/N 070-07378-000, must be ordered separately for older design cylinder sleeves and valve plates.

- Notes: 1. Valve replacement should be done annually or every 5,000 hours of running time.
2. Depending on application, all gaskets may not be required.

TABLE 2 — TOP HEAD "OVERHAUL" KIT

Compressor												Kit Part No.	No. of Kits Req'd. per Compressor						
	Suct. Valve, Plate & Springs	Disch. Valve Cage Assembly	Top Head Gasket	Discharge Manifold Gasket	Cylinder Sleeve Gasket	Water Jacket Head Gasket	Relief Top Head Gasket	Suction Valve Plate Gasket	Suction Plate Lockwashers	Disch. Valve Plate Gasket	Disch. Valve Plate Lockwashers		3 cylinder	4 cylinder	6 cylinder	8 cylinder	9 cylinder	12 cylinder	16 cylinder
"S" -Style A & B	●	●	●	●								364-47666-001		2	3	4			
"S" -Style C	●	●	●	●								364-47666-002		2	3				
"F & H" 3 cylinder	●	●	●	●	**							364-47666-003	3						
"F & H" 6 cylinder	●	●	●	●	**							364-47666-004			3				
"F & H" 9 cylinder	●	●	●	●	**							364-47666-005					3		
"R" Freon	●	●	●	●								364-47666-006		2	3	4		6	8
"R" Ammonia	●	●	●	●		●						364-47666-007		2	3	4		6	8
"Y53" Freon	●	●	●	●			●	●	●	●		364-47666-008		2	3	4		6	8
"Y53" Ammonia	●	●	●	●			●	●	●	●		364-47666-009		2	3	4		6	8
"J" Styles A, B, C, D, E, F	●	●	●	●	●							364-47666-010		2	3	4			
"G" Freon Unload	●	●	●	●				●	●			364-47666-011			*2	*3		*4	*6
"G" Freon Non-unload	●	●	●	●				●	●			364-47666-012			1	1		2	2
"G" Ammonia Unload	●	●	●	●				●	●			364-47666-013			*2	*3		*4	*6
"G" Ammonia Non-unload	●	●	●	●				●	●			364-47666-014			1	1		2	2
"G" 4 Cyl. Freon Unload	●	●	●	●				●	●			364-47666-011		*1					
"G" 4 Cyl. Freon Unload/Non-unload	●	●	●	●				●	●			364-47666-015		1					
"G" 4 Cyl. Ammonia Unload	●	●	●	●				●	●			364-47666-013		*1					
"G" 4 Cyl. Ammonia Unload/Non-unload	●	●	●	●				●	●			364-47666-016		1					

*When ordering kits to overhaul a complete "G" Style compressor, you must order both the Unload and Non-unload kit quantities indicated.

**Cylinder sleeve gaskets, P/N 070-07378-000, must be ordered separately for older design cylinder sleeves and valve plates.

Note: 1. Depending on application, all gaskets may not be required.

2. "Unload" refers to the unloading cylinders.

3. "Non-unload" refers to the non-unloading cylinders.



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