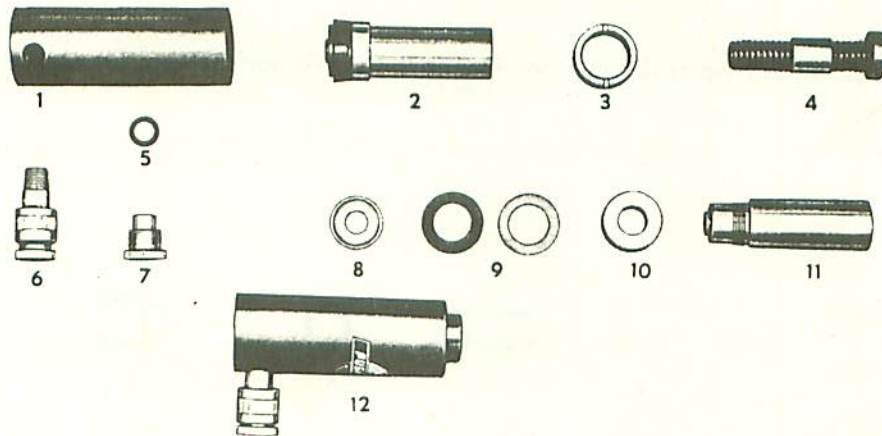


Hein-Werner

PUSHMASTER REPAIR PARTS LIST SPECIAL HYDRAULIC ATTACHMENTS

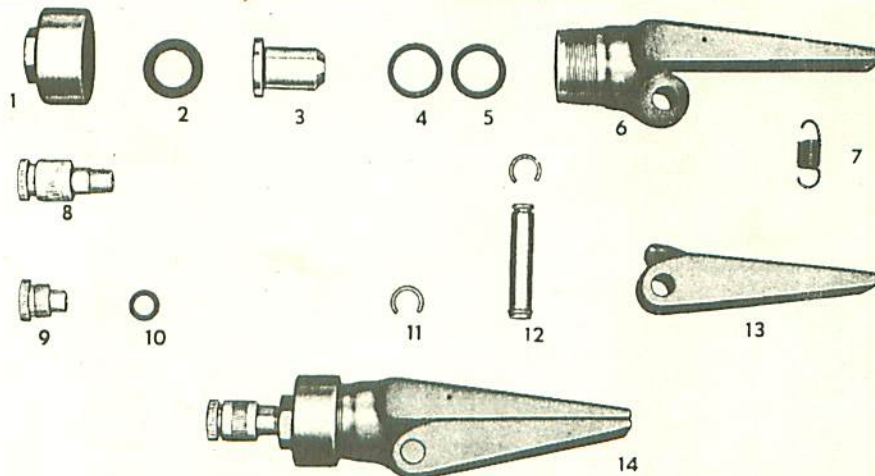
Order repair parts direct from nearest Hein-Werner Official Service Station.

Model FR-4.5 Short Ram—Capacity 4 Tons



ITEM NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	ITEM NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION
1	F-413-1	46265	Cylinder	7	F-401	16685	Plug for Coupler
2	O-F-415-1	80586	Ram Assembly	8	F-465-1	46335	Retainer for Ram Cup
3	F-462-2	16776	Stop for Ram	9	U-434	23125	Ram Cup, F-457 Backing Washer
4	165-C	6595	Extension Screw, 166-A Bushing	10	F-420-1	46290	Spacer for Ram
5	F-485-1	16792	"O" Ring for Coupler	11	F-415-1	46275	Ram only
6	FC-4-R	80588	Ram Half-Quick Coupler	12	FR4.5		Short Ram complete

Model AA-446 Hydraulic Spreader



ITEM NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION	ITEM NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION
1	A-449	40260	End Cap	8	FC-4-R	80588	Ram Half-Quick Coupler
2	F-481	16790	Seal for End Cap	9	F-401	16685	Plug for Coupler
3	A-448	40255	Ram	10	F-485-1	16792	"O" Ring for Coupler
4	F-485	80589	"O" Ring, F-457-1 Washer	11	389-C	12670	Pin Ring
5	F-457-1	80590	Leather Backing Washer	12	A-490	40345	Pivot Pin, 389-C Rings
6	A-446	40245	Body	13	A-447	40250	Jaw
7	A-451	40266	Return Spring	14	AA-446		Hydraulic Spreader Complete

USE NEW PART NUMBER ONLY WHEN ORDERING PARTS

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WAUKESHA, WISCONSIN

REV. 7.1.1

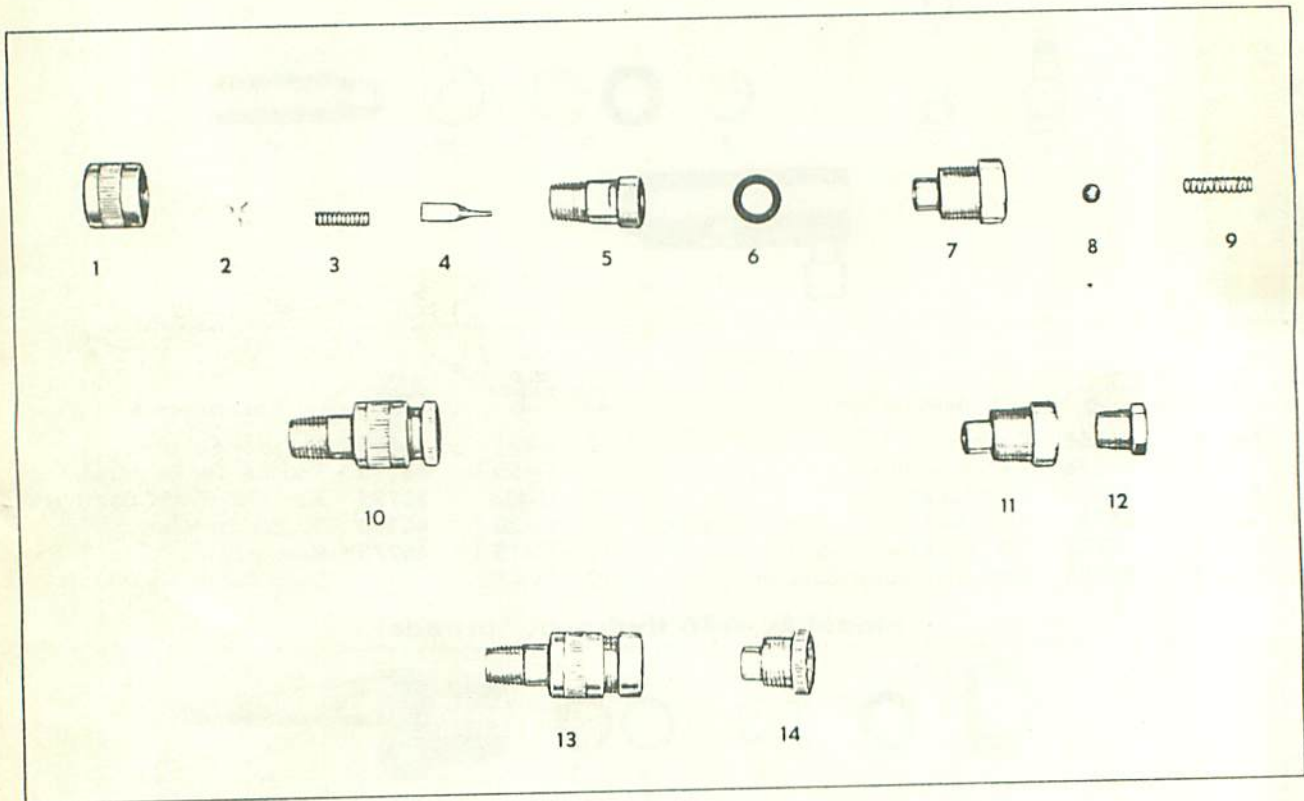
TRI-CITY HYDRAULIC JACK SERVICE
4628 N. Florida Avenue
Tampa, Florida 33603-3700
(813) 236-8551

REPAIR PARTS LIST

HEIN-WERNER MODEL FC-4 QUICK COUPLER

FOR PUSHMASTER HYDRAULIC JACK

Order repair parts direct from nearest Hein-Werner Official Service Station.



Item NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION
1	F-46	16772	Coupling
2	F-45	16767	Retainer Washer
3	U-432	23090	Lower Spring
4	F-43	16745	Lower Valve
5	F-41	80593	Lower Body
6	F-485-1	16792	"O" Ring Seal
7	F-42	80595	Upper Body

ITEM NO.	OLD PART NO.	NEW PART NO.	DESCRIPTION
8	125-C	2675	1/4" Ball
9	F-44	16750	Upper Spring
10	FC-4-R	80588	Ram Half Assembly
11	FC-4-H	80597	Hose Half Assembly
12	F-402	80198	1/8" to 1/4" Adapter
13	FC-4	80599	Quick Coupler Complete
14	F-401	16685	Plug

*Required only for hose with 1/4" fitting.

USE NEW PART NUMBER ONLY WHEN ORDERING PARTS

REV. 7-1-68

USE ONLY GENUINE HEIN-WERNER HYDRAULIC JACK OIL IN ANY HEIN-WERNER JACK

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(Over)