

AUSCO

MODEL D-8200
CAPACITY 2000 LBS.
EFFECTIVE MAY 1, 1957

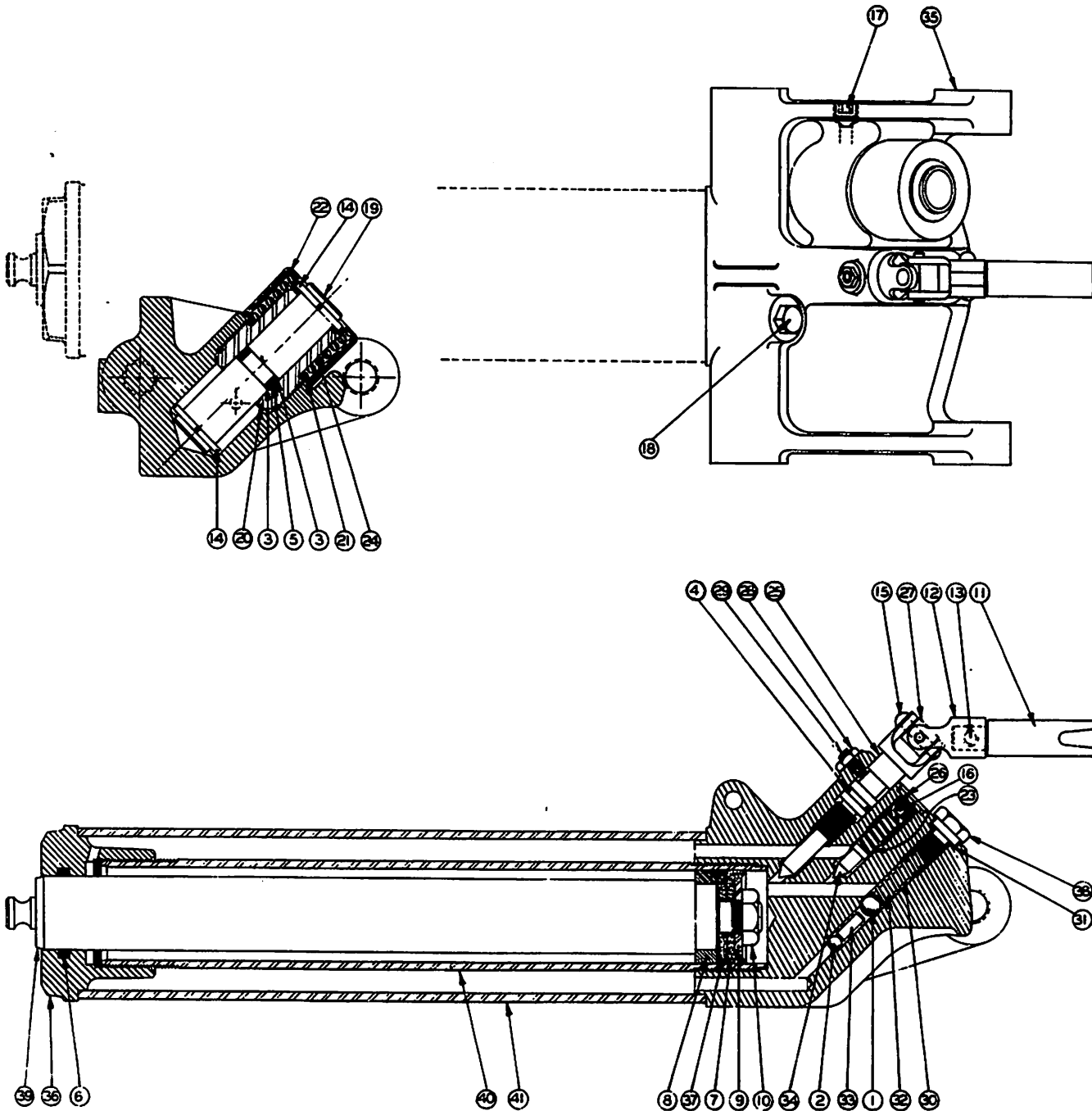
FRANCHISED SERVICE DEPOTS

Alabama	Southern Jack Company, 615 N. Ninth Street	Birmingham 4
Arizona	Alemite Stewart Warner, 326 N. Third Avenue	Phoenix
Arkansas	Alexander Inc., 1723 East Capitol	Little Rock
California	Kimmerle Brothers, 2300 S. Hill Street	Los Angeles
	Kimmerle Brothers, 226 Eleventh Street	San Francisco 3
	Kimmerle Brothers, 2230 Inyo Street	Fresno
	Sam Pedler Hydraulic Jack Service, 2260 National Avenue	San Diego 13
Colorado	Quinn & McGill, 437 Broadway, Box 1498	Denver 1
Connecticut	A & L Hydraulic Jack Company, 294 Kimberly Avenue	New Haven 11
Florida	Miami Equipment Repair Company, 1927 N. W. 36th Street	Miami
	Jansen Hydraulic Service, 263 Park Street	Jacksonville
	Liston Auto Machine & Grinding Service, 115 W. 7th Ave.	Tampa
Georgia	Equipment Service Company, 352 Techwood Drive, N.W.	Atlanta
	Savannah Jack Co., 306 W. McDonough St.	Savannah
	Turner & Cole, 353 W. Peachtree Street, N.E.	Atlanta 8
Idaho	Hydraulic Jack & Equipment Service, 4449 Chinden Blvd.	Boise
Illinois	Chicago Jack Service, 7848 S. Hermitage Avenue	Chicago 20
	Servall Engineering Company, 3939 N. Kedzie Avenue	Chicago 18
	Bemis Hydraulic Jack & Equipment Co., 1426 N.E. Adams	Peoria
Indiana	White-Evans Jack Service, 38 Shelby Street	Indianapolis
	A.B.C. Specialty Co., 1075 Kenwood Ave.	Fort Wayne
Iowa	King Motor Service, 323 E. 4th Street	Davenport
	Turner's Hydraulic Service, 1617 Sixth Avenue	Des Moines 14
Kansas	Wichita Hydraulic Service, 148 No. Water Street	Wichita
Kentucky	Queen Hydraulic, 13th and Rowan Streets	Louisville 3
Louisiana	Beerman Precision Machine Works, 2021 Thalia Street	New Orleans 3
Maryland	Holdridge Engineering Company, 1728-30 Lamont Avenue	Baltimore 2
Massachusetts	Boston Hydraulic Sales & Service, 1182 Columbus Avenue	Roxbury Crossing
Michigan	Hydraulic Service, Inc., 436 Bond Avenue, N.W.	Grand Rapids
	Hydraulic Jack Service Co., 3636 Buchanan Avenue, S.W.	Grand Rapids 8
	Hydraulic Service, Inc., 2715 Fifth at Grand River	Detroit 1
Minnesota	Hydraulic Jack & Equipment Serv. Co., 26th & Aldrich Ave.	Minneapolis
Mississippi	Whit's Hydraulic Service, 1313-15 S. Gallatin Street	Jackson
Missouri	Hydraulic Service Company, 3739 Woodland	Kansas City 3
	Equipment Service Company, 3218 Delmar Blvd.	St. Louis 3
Montana	Denison Machine Company, 427 St. Johns Avenue	Billings
Nebraska	American Auto Service, 1116-18 Jackson Street	Omaha 8
New Jersey	Metro Hydraulic Jack Company, 237 Oliver Street	Newark
New Mexico	Wheels & Brakes, Inc., 1600 Second, N.W.	Albuquerque
New York	Buffalo Hydraulic Jack Service, 1675 Broadway	Buffalo 12
	Equipment Custom Serv. Corp., 601 W. 47th St. at 11th Ave.	New York 19
	Ace Hydraulic Service, Inc., 417 Wyoming Street	Syracuse 4
	Duplex Equipment Company, 206 S. McBride	Syracuse
	Metro Hydraulic Jack Service, 5200 Foster Avenue	Brooklyn 3
	Albany Hyd. & Lube Serv., Columbia Turnpike, P.O. Box 14	Rensselaer
North Carolina	Carolina Jack Service, 1200 Asheboro	Greensboro
	Diesel Injection & Hydraulic Service, 122 Atando	Charlotte
Ohio	Eureka Tool & Hydraulic Service, 3816 N. Bend Road	Cincinnati 11
	Ohio Hydraulic Jack Service Co., 330 N. Arlington Street	Akron 5
	Ohio Hydraulic Service Company, 3826 Payne Avenue	Cleveland 11
	Hydraulic Service, Inc., 14 N. Huron Street	Toledo
	Ohio Hydraulic Service of Columbus, Rear 106-110 N. Grant	Columbus 15
Oklahoma	Hydraulic Equipment Company, 417 W. California	Oklahoma City
	Hydraulic Equipment Service, 2221 S. W. Blvd.	Tulsa 7
Oregon	Equipment Service Company, 1014 N.W. Hoyt Street	Portland
Pennsylvania	Equipment Service Company, 1921 Callowhill Street	Philadelphia
	J & M Hydraulic Service, 4063 Liberty Avenue	Pittsburgh 24
South Carolina	Columbia Hydraulics, Highway 387	West Columbia
Tennessee	Alcott Lubrication Sales & Service, 336 Court Street	Memphis 3
	The Southern Company, Georgia & Hernando Streets	Memphis 2
	White Equipment Service, 929 Granada Street	Nashville
Texas	Ace Equipment Repairs, Inc., 3006 Canton St.	Dallas 26
	Hydraulic Equipment Service Co., 1021 N. San Jacinto St.	Houston
	Hydraulic Equipment Service, 346 Avenue "H"	Lubbock
	Instrument Service Company, 1013 Avenue "B"	San Antonio 2
Utah	Wilson's Transport Supply, 665 South State Street	Salt Lake City 1
Virginia	Petroleum Engineering, 5520 Virginia Beach Blvd.	Norfolk
	Moores Jack & Equipment Company, 1009 W. Broad Street	Richmond 20
	Excelsweld Company of Roanoke, Route #4	Roanoke
Washington	Universal Repair Shop, 1611 Boylston Avenue	Seattle 22
	Carburetor & Electric Company, 221 Monroe Street	Spokane
West Virginia	CCC Hydraulic Service, 613 Tennessee Ave.	Charleston 2
Wisconsin	Hader Industries, 1246 N. Sixth Street	Milwaukee

WARRANTY

These Jacks are fully guaranteed against defective material and workmanship when submitted or shipped prepaid to the nearest franchised service depot or the factory, ninety days from the date of delivery to the user. This warranty does not cover jacks that have been altered or attachments added to them which are not recommended by the manufacturer. The use of hydraulic brake or shock absorber fluid, alcohol, Kerosene or other deleterious fluids voids this warranty as does improper use of jacks through overloading or any other abusive practice or accident.

POWER UNIT

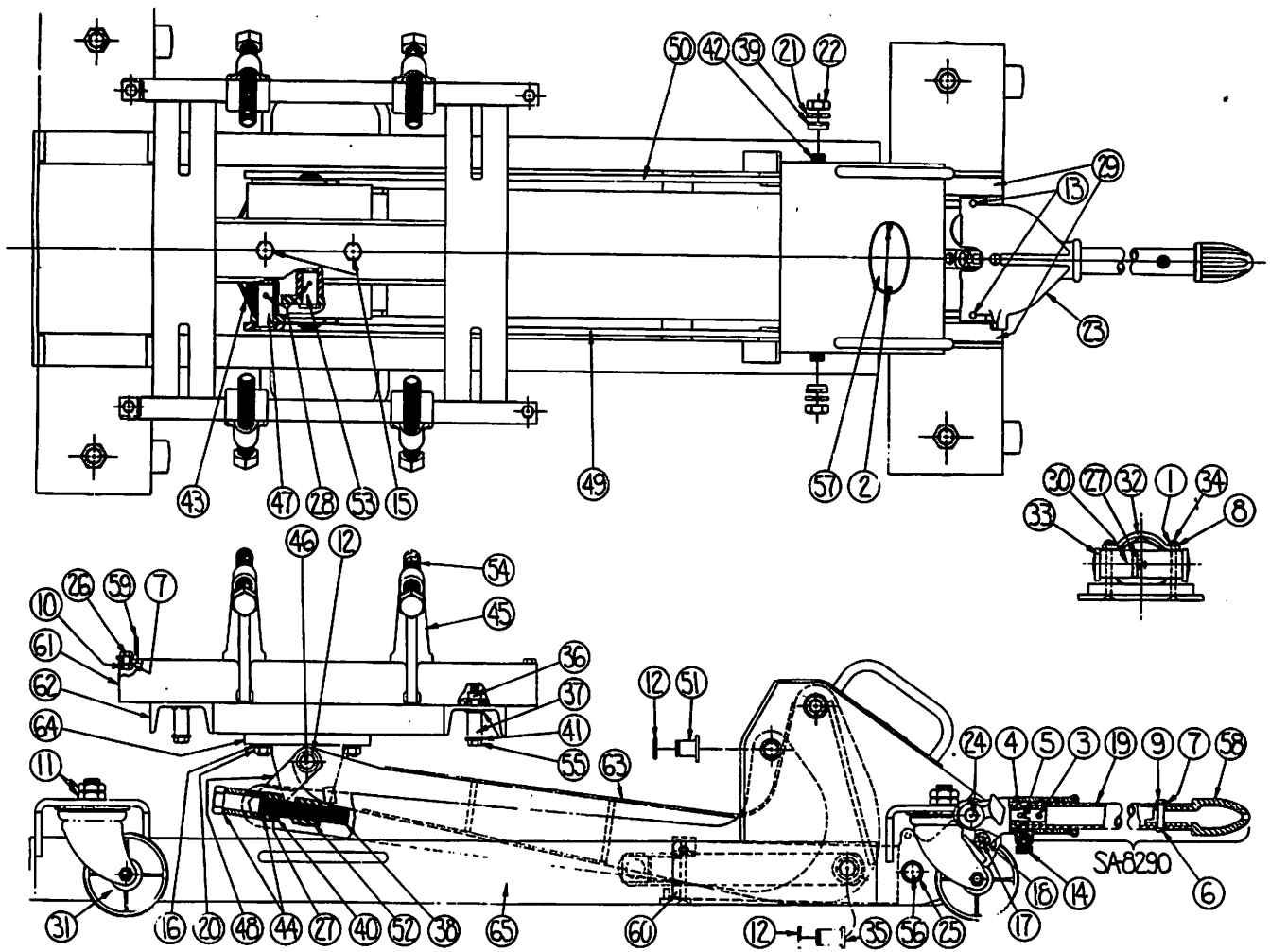


PARTS LIST

Item Part No.	Part Name	Item Part No.	Part Name	Item Part No.	Part Name
1	D-2070 Ball-Valve (5/16)	17	D-6092 Plug—Drill	33	D-7288 Intake Ball Spacer
2	D-2074 Ball-Valve (7/32)	18	D-6106 Plug—Filler	34	D-7292 Poppet—Safety Valve
3	D-2094-11 Washer-Backup (3/4 x 9/16)	19	D-7203 Piston—Pump	35	D-7401 Power Unit
4	D-2099-7 O-Ring—(1/2 x 3/8)	20	D-7224 Cylinder—Pump	36	D-7402 Head—Reservoir
5	D-2099-11 O-Ring—(3/4 x 9/16)	21	D-7225 Cup—Piston Cover	37	D-7437 Washer—Ram Cup Back Up
6	D-2099-22 O-Ring—(1-7/16 x 1-3/16)	22	D-7226 Retainer—Pump Spring	38	D-7285 Plug—Valve Line
7	D-2634-A Ram Cup	23	D-7232 Spring—Safety Valve	39	D-8205 Ram
8	D-2635-A Ram Spacer	24	D-7261 Spring—Pump Piston Return	40	D-8213 Ram Cylinder
9	D-2636 Retainer—Ram Cup	25	D-7267 Release Screw	41	D-8223 Reservoir
10	D-2637 Nut—(1/2-20)	26	D-7270 Exp. (Welch) Plug		
11	D-5067 Ext.—Release Screw	27	D-7271 Block—Universal Joint		
12	D-5086 Clip—Universal Joint	28	D-7276 Jam Nut—10-24		
13	D-5088 Rivet—Round Head	29	D-7277 Set Screw—Rel. Screw Ret.	SA-7203	Pump Piston Assembly
14	D-6049-A Retaining Ring (3/4)	30	D-7278 Spring—Pressure Valve	SA-7224	Piston Cylinder Assembly
15	D-6074 Rivet—Round Head	31	D-7286 Washer—Valve Line Plug	SA-7267	Release Screw Assembly
16	D-6078 Screw—Safety Valve	32	D-7287 Pressure Ball Spacer	SA-8201	Power Unit Assembly
				SA-8205	Ram Assembly

ASSEMBLIES

SA-7203	Pump Piston Assembly
SA-7224	Piston Cylinder Assembly
SA-7267	Release Screw Assembly
SA-8201	Power Unit Assembly
SA-8205	Ram Assembly



TRUCK TRANSMISSION JACK

Item	Part No.	Part Name	Item	Part No.	Part Name	Item	Part No.	Part Name
1	SJ-5628	Nut 1/4-20	23	D-7455	Handle Socket	45	D-8244	Load Rest
2	D-2084	Screw-Name Plate	24	D-7456	Pin-Handle Socket Hinge	46	D-8245	Shaft-Saddle
3	D-5053	Pin-Insert Retaining	25	D-7482	Lockwasher	47	D-8247	Pin-Bridge Block
4	D-5073	Insert-Handle	26	D-7659	Capscrew 5/16-18	48	D-8248	Link-Connecting
5	D-5074	Pin-Handle Insert	27	D-7674	Roll Pin 1/4 x 1-1/4	49	D-8252-L	Stabilizer Arm
6	D-5091-A	Bolt	28	D-8057	Roll Pin 5/32 x 1-1/8	50	D-8252-R	Stabilizer Arm
7	D-5092	Lock Washer	29	D-8204	Spacer-Power Unit	51	D-8253	Pin-Stabilizer Arm
8	D-5096	Lock Washer-1/4	30	D-8206	Bridge Block-Lift Arm Link	52	D-8257	Bridge Block-Saddle Adjusting
9	D-5098	Nut-5/16-18	31	D-8207	Caster Wheel Assembly	53	D-8262	Pin-Bridge Block Saddle Adjusting
10	D-6018	Jam Nut-5/16-18	32	D-8208	Strap	54	D-8270	Screw-Load Rest 3/4-10
11	D-6041	Jam Nut-3/4-16	33	D-8209	Link-Lift Arm	55	D-8271	Screw-Hex. Head Cap 3/8-16
12	D-6049-A	Retaining Ring-3/4	34	D-8210	Screw-Flat Head Cap 1/4-20	56	D-8279	Screw-Hex. Head Cap 9/16-18
13	D-6057	Rivet	35	D-8211	Pin-Lift Arm Link	57	D-8280	Name Plate (A.S.M.C.)
14	D-6059	Screw-Handle Retaining	36	D-8214	Nut-Square 3/8-16	58	D-8290	Handle Knob
15	D-6493	Capscrew-1/2-13	37	D-8215	Spacer-Adapter Channel	59	D-8296	Differential Clip
16	D-6495	Lockwasher-1/2	38	D-8228	Bolt-Tilt Adjusting			ASSEMBLIES
17	D-7216	Roller Pin	39	D-8230	Bushing-Side Frame	60	SA-8201	Power Unit Sub-Assembly
18	D-7217	Roller-Pump Drive	40	D-8233	Nut-Finished Hex-3/4-16	61	SA-8217	Adapter Side Channel Assembly
19	D-7289	Handle Section-Lower	41	D-8236	Washer-5/16 Std. Flat	62	SA-8218	Adapter Base Assembly
20	D-7297	Jam Nut-1/2-13	42	D-8239	Pin-Lift Arm Hinge	63	SA-8238	Lifting Arm
21	D-7440	Lockwasher-5/8	43	D-8240	Bridge Block-Stabilizer Arm	64	SA-8243	Saddle Assembly
22	D-7441	Jam Nut 5/8-11	44	D-8241	Washer-Adjusting Screw	65	SA-8260	Frame Assembly

SERVICE INSTRUCTIONS FOR PROPER MAINTENANCE OF AUSCO HYDRAULIC JACKS

After Determining Nature of Trouble Refer to Paragraphs Listed Below for Correction

JACK WILL NOT OPERATE

1. Trouble may be caused by an AIR BOUND pump. Air in the pump chamber prevents the creation of a vacuum necessary to draw oil from the reservoir. To correct this condition open the release valve, PUMP THE ACTUATING HANDLE WITH A FULL STROKE SIX OR SEVEN TIMES then close the release valve and pump saddle to its full height. Then open the release valve and jack is ready for use.
2. Make sure that the RELEASE VALVE is closed tightly when load is being raised or in a raised position.
3. DIRTY VALVES will also cause your jack to become inoperable. The remedy is the internal flushing of your jack to dislodge foreign particles that gather around the valve balls.

To FLUSH open the release valve and operate the jack in the regular fashion. Another method is to open the release, grasp the saddle, and raise and lower the lifting arm several times.

These operations merely accelerate the flow of jack oil around the valve balls, and do not remove the foreign particles in the oil. Old oil should be drained periodically, and the jack thoroughly flushed with kerosene. Then refill with Ausco Hydraulic Jack Oil.

JACK WILL NOT LIFT A LOAD

If jack will not lift a load, it may be due to an air bound pump (remedy explained above), or any of the following causes.

LEAKY VALVES — Leaky valves are caused by improper seating of the valve balls, which may be due to a foreign particle lodged under the valve ball. The remedy is flushing as described above. A leaky valve might also be due to a valve ball being out of round. A valve ball may be reseated by removing the valve plug and holding a small brass rod against the ball, tapping the rod lightly with a small peen hammer.

LEAKY RELEASE — Some foreign particle may be lodged on the release valve seat. Remedy: Open release valve and flush in the usual manner.

LACK OF OIL — Check you oil level. With the lifting arm down the unit should be filled to filler screw level.

JACK WILL NOT LIFT CAPACITY LOAD

The safety valve setting is too low. This is unusual, as the safety valve is set at the factory under a test load. If a resetting is necessary, send this jack to an Authorized Service Station.

JACK WILL NOT RAISE TO FULL HEIGHT

This can usually be remedied by ADDING OIL to the proper level.

JACK WILL NOT HOLD LOAD

Make certain the release valve is tight. Flush jack internally as described above.

GENERAL INFORMATION

KEEP ALL MOVING PARTS WELL LUBRICATED TO PREVENT EXCESSIVE WEAR.

Keep this parts list handy, and in ordering parts be sure to order by part number. This saves time and assures accuracy in getting the parts you want.

Minor adjustments such as above can be made by you. For all major repairs send your jack to your nearest authorized Ausco service station.

AUTO SPECIALTIES MFG. COMPANY

St. Joseph, Michigan