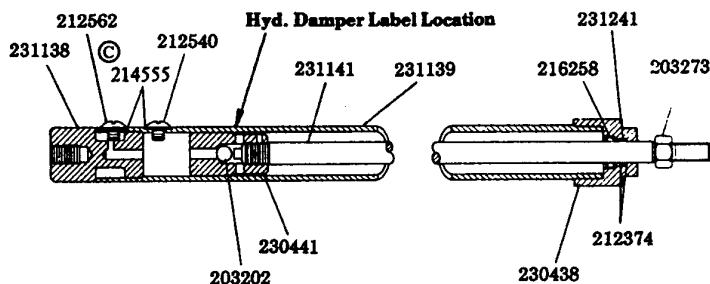
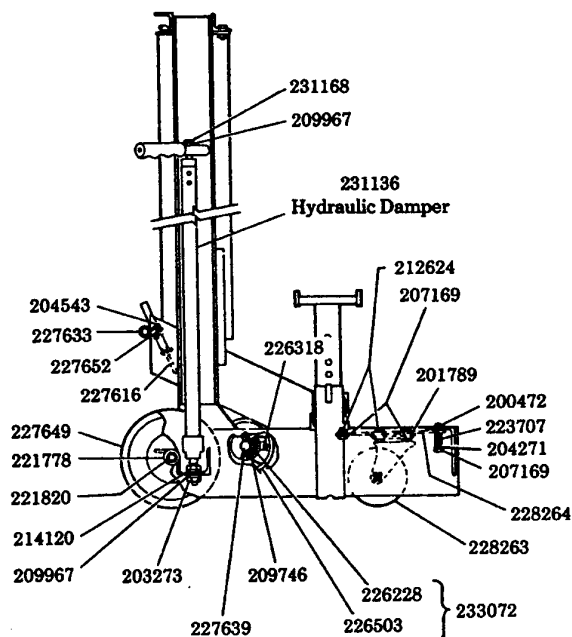


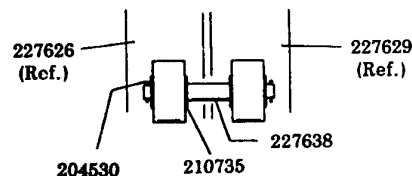
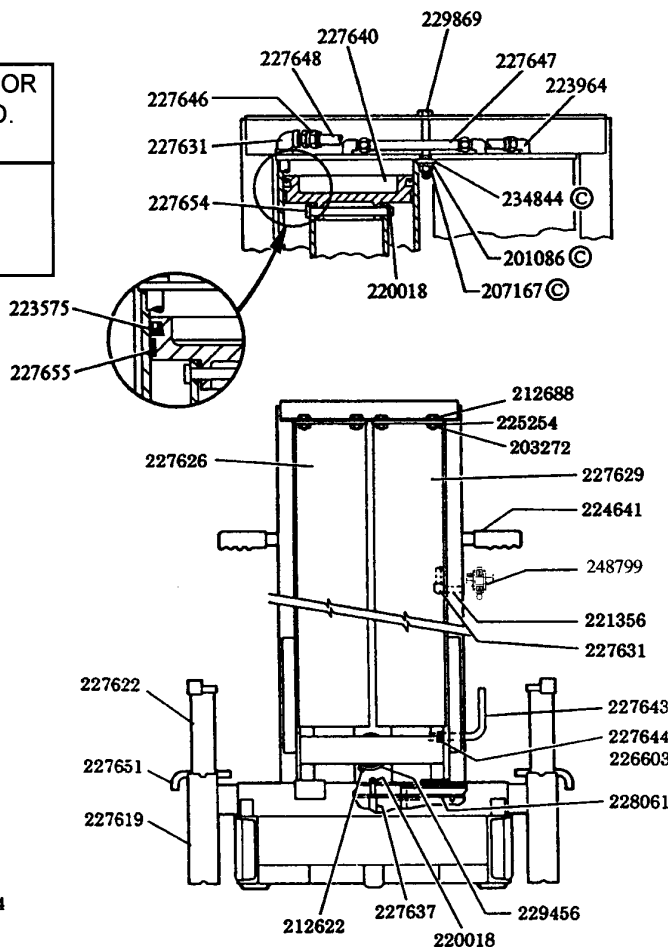
SERVICE PARTS SHEET

MODEL	*LABEL KIT NO.	REPAIR KIT NO.	REPAIR KIT FOR 231136 HYD. DAMPER
W93692	240082	240513	240512

***IMPORTANT** Replace label on hydraulic damper as well as all other labels.



231136 HYDRAULIC DAMPER



TROUBLESHOOTING

PROBLEM	SOLUTION
1) Will not lift load.	Air pressure might be too low – 200 psi minimum air pressure required to lift rated load. Air hose might be plugged – Remove obstruction from air hose. Air hose I.D. might be too small – Use larger air hose.
2) Will not lower.	Air valve might be incorrectly assembled to jack- Assemble as shown in Figure 1. The safety bar might be engaged – Admit air until the jack raises slightly, then disengage the bar.
3) Jack is very bouncy.	Cylinder might need lubrication – Apply #630-AAA LUBRIPLATE to cylinder wall.

If the above procedures do not correct the problem, contact your nearest Authorized Warranty and Service Center. When submitting any jack or equipment to be repaired, be sure to state the nature of the problem and indicate whether an estimate of the repair cost is needed.

Low Pickup Height	High Lifting Point	Power Raise	Saddle Spread	Clearance (Air Tank to Front of Saddle)	Min. psi for rated Load
13-1/2"	59	33"	28-3/4"- 47"	13"	200

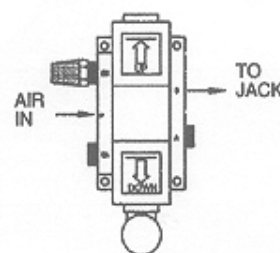


FIGURE 1

Part	Qty	Description	Part	Qty	Description	Part	Qty	Description
200472	2	Screw	221778	4	Washer	227646	1	Hose coupling
201086	1	Lockwasher	221820	2	Retaining ring	227647	1	Air hose (short)
201789	4	Lockwasher	*223575	2	U-cup	227648	1	Air hose (long)
203202	1	Ball	223707	2	Spring	227649	2	Wheel (rear)
203272	4	Nut	223964	3	Elbow	227651	2	Position pin
203273	3	Nut	224641	2	Handle bar grip	227652	1	Cross pin
204271	2	Washer	225254	4	Lockwasher	227654	2	Pin
204530	2	Cotter pin	226228	2	Bushing	*227655	2	Slip ring
204543	2	Cotter pin	226318	2	Grease fitting	228061	1	Positioning bar
207167	1	Nut	226503	2	Roller wheel	228263	1	Caster
207169	8	Nut	226603	1	Roll pin	228264	1	Caster plate
209746	26	Roller	227616	1	Handle stop	229456	1	Skid ring
209967	4	Lockwasher	227619	2	Saddle arm	229869	1	Bolt
210735	4	Washer	227622	2	Saddle	230438	1	Bottom cap
†212374	2	Washer	227626	1	Air cylinder ass'y (R.H.)	230441	1	Piston rod
212540	1	Screw	227629	1	Air cylinder ass'y (L.H.)	231136	2	Hydraulic damper ass'y.
212562	1	Screw	227631	2	Elbow	231138	1	Cylinder plug
212622	1	Bolt	227633	1	Tank retainer	231139	1	Damper cylinder
212624	5	Bolt	227637	1	Pin	231141	1	Piston rod
212688	4	Bolt	227638	1	Spacer	231168	2	Bolt
214120	2	Spacer	227639	1	Axle	†231241	1	Quad ring
†214555	2	O-ring	227640	2	Piston	233072	2	Wheel & bushing ass'y.
†216258	1	Pump gland cover	227643	1	Safety stop handle	234844	1	Washer
220018	3	Retaining ring	227644	1	Safety stop spring	248799	1	Valve
221356	1	Pipe nipple						

* Included in 240513 Repair Kit. † Included in 240512 Repair Kit for 231136 Hydraulic Damper Assembly.