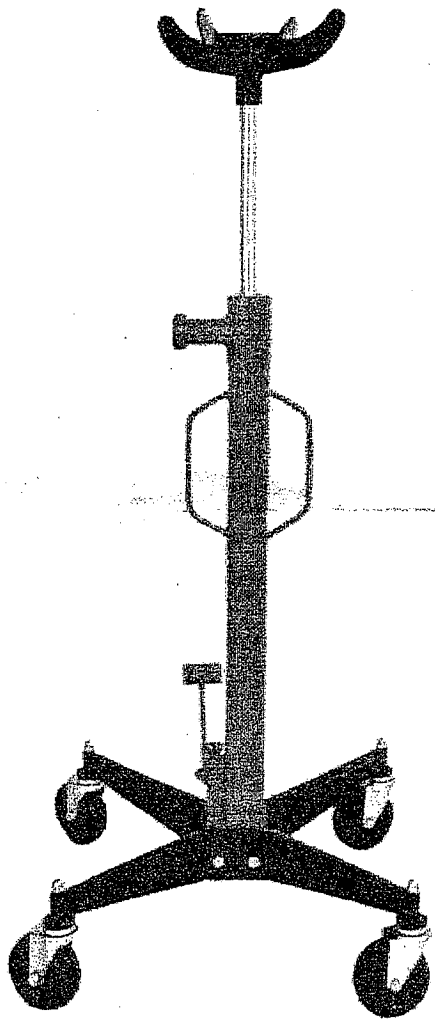
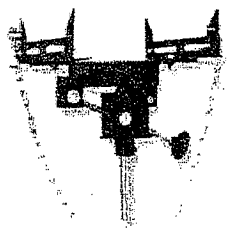
Assembly and Operating Instructions





(OPTIONAL ADAPTER)

VERTICAL TRANSMISSION JACK

SPECIFICATIONS

MODEL	CAPACITY kg	Hmin mm	Hmax mm	BASE SIZE mm	N.W. kg	FORM OF SADDLE
A02-03A	300	1120	1940	560X570	34	FORK
A02-06A	600	1175	1985	560X570	39	FORK
A02-05D	500	1140	1820	560X570	46	ADAPTER1
A02-06D	600	1190	1870	560X570	50	ADAPTER2

SAFETY

1. The jack may be used for the installation / removal of transmission systems within the weight limitations specified.
2. The jack is designed for lifting / lowering vehicles transmissions and differentials only.
3. Always transport transmissions / differentials on the jack in its lowest possible height.
4. Never use the jack to lift a vehicle.
5. Ensure that the vehicle transmission is stable within the saddle of the transmission jack before lifting or lowering it.
6. The jack should only be used on a firm level surface. Never use on soft uneven surfaces.
7. Do not turn the release valve more than 90° (one quarter turn).
8. Inspect and lubricate the jack on a regular basis.
9. Failure to comply with these safety warnings may result in personal injury and / or damage to property and jack.

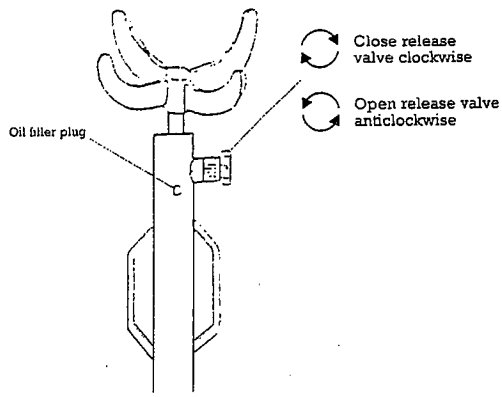
CAUTION

1. Use only on a firm level surface.
2. Do not exceed the rated capacity of this jack.
3. Ensure that the transmission or differential being lifted is stable and correctly centered on the jack saddle.
4. Familiarise yourself thoroughly with this manual before operating to prevent damage to the jack and property or personal injury.
5. Only use the jack for lifting and lowering transmissions and differentials.
6. Only move a jack carrying a transmission or differential in the lowest position.
7. Before using the jack for the first time, remove the bolt and seal from the side of the reservoir. Replace these with the air valve assembly with its o-ring seal.

ASSEMBLY

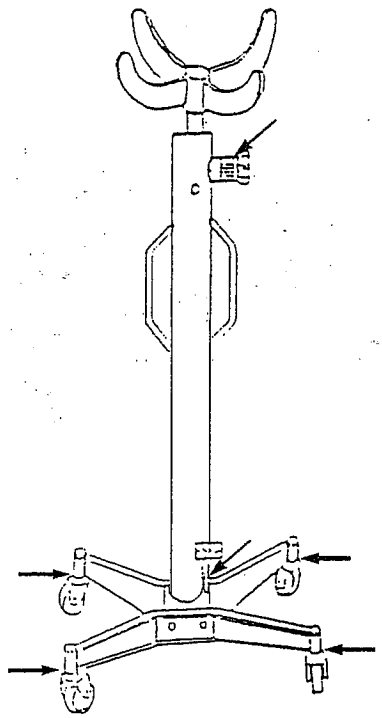
1. Attach the two leg brackets to the base of the hydraulic unit using the bolts and washers provided.
2. Now attach the castor wheels to the leg brackets using the nuts and washers supplied.

OPERATING INSTRUCTIONS



1. Ensure that the release / lock knob is in the closed position (turn the knob clockwise). The knob is spring-loaded and should automatically return to the closed position but it should always be checked before use.
2. Position the jack approximatley where it is required under the vehicle. Using the lifting pedal raise the load by pumping up and down, checking that the jack is in the required position until the required height is reached.
3. To lower the load slowly turn the release / lock handle anticlockwise until the required or minimum height is reached.

CARE AND MAINTENANCE

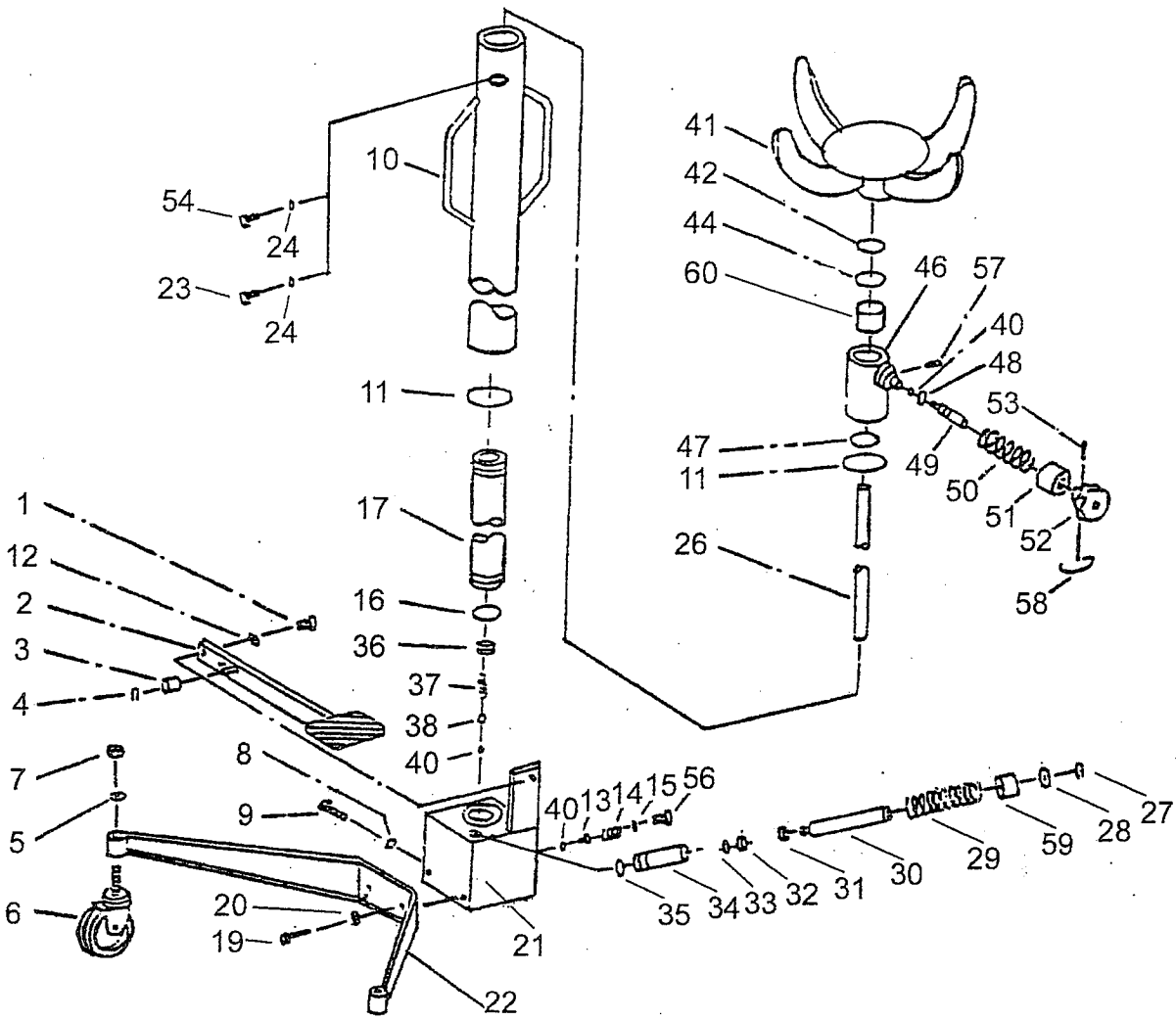


1. When the jack is not in use the lifting arm should be in the lowest position.
2. Keep the jack clean and lubricated. Oil the points indicated on the diagram below on a regular basis.
3. To check the oil level, fully lower the jack on a level surface and remove the filler plug. The oil should be level with the bottom of the filler plughole. If the level is low add oil as needed. Your jack was filled at the factory with high-grade hydraulic oil.
4. After extensive use the oil supply should be replaced to ensure longer equipment life. To drain the oil remove the filler plug and remove oil drain screw. Once unit is drained replace screw. Refill with high-grade hydraulic oil.

IMPORTANT: Ensure the old oil is correctly disposed of.

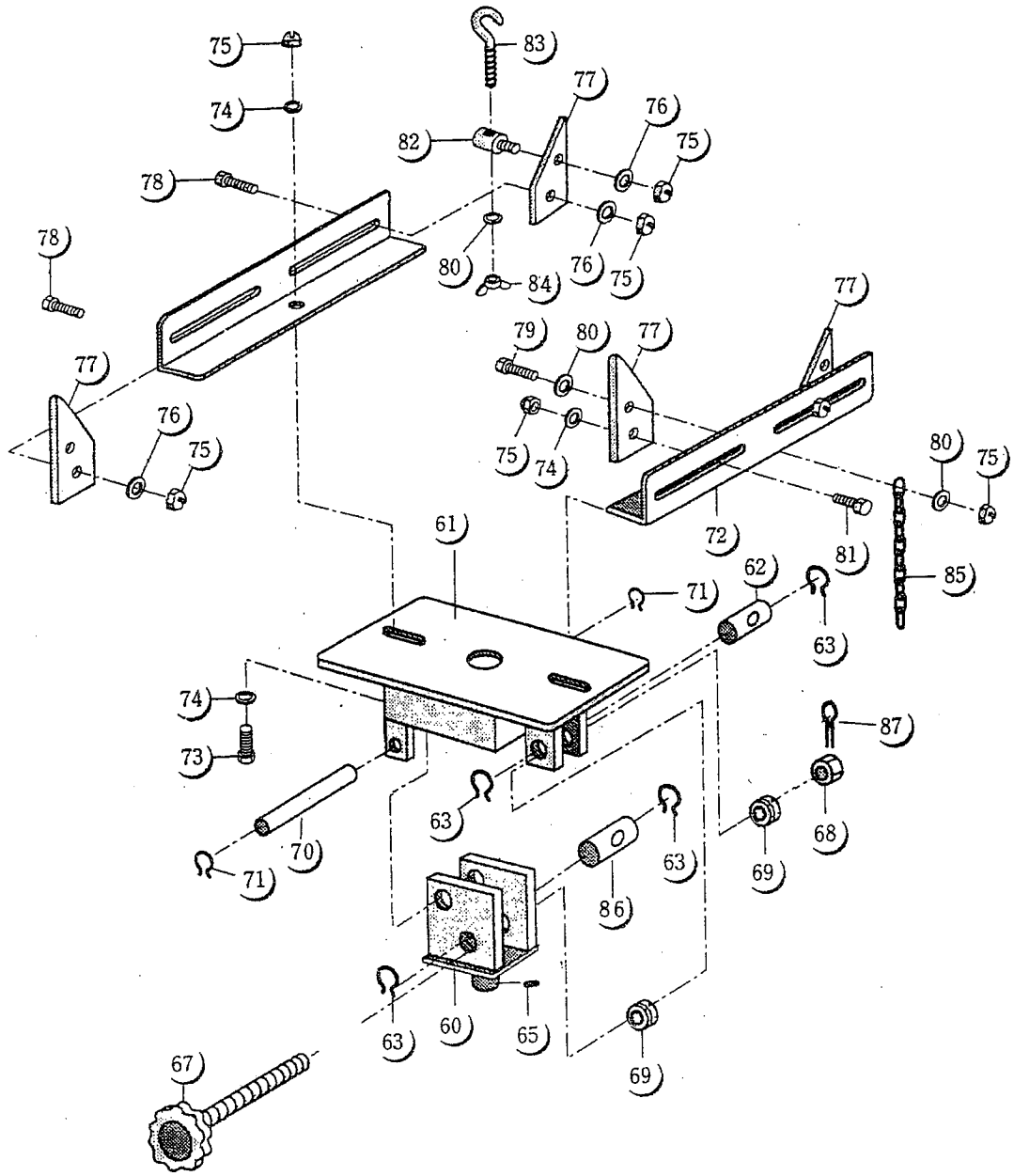
5. Check pump piston rod periodically for signs of rust or corrosion. Clean exposed area with a clean cloth.

EXPLODED DRAWING AND PARTS LIST



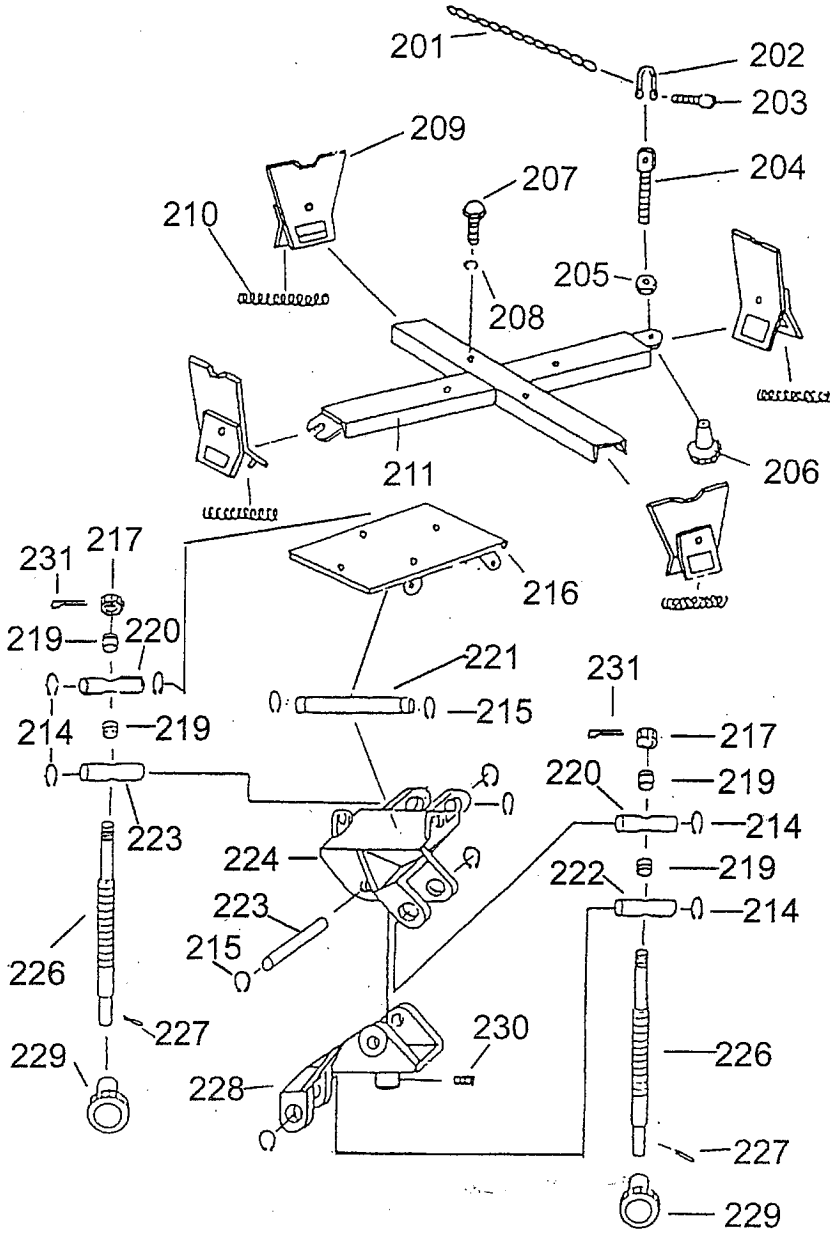
NO.	DESCRIPTION	QTY.	NO.	DESCRIPTION	QTY.	NO.	DESCRIPTION	QTY.
1	Bolt / Nut	1	20	Washer	4	40	Ball 1/4"	2
2	Pedal	1	21	Pump	1	41	Fork / ADT	1
3	Bush	1	22	Under Carriage	2	42	Dust Ring	1
4	Circlip	1	23	Air Vent Valve	1	44	O-ring	2
5	Washer	1	24	O-Ring	2	46	Cylinder Head	1
6	Swivel Wheel	4	26	Piston	1	47	O-Ring	1
7	Nut	4	27	Circllip	1	48	O-Ring	1
8	O-Ring	4	28	Washer	1	49	Release Rod	1
9	Screw	1	29	Spring	1	50	Spring	1
10	Reservoir	1	30	Pump Piston	1	51	Bush	1
11	O-Ring	2	31	V-Ring	1	52	Release Knob	1
12	Washer	1	32	Dust Ring	1	53	Split Pin	1
13	Spring Guide	1	33	O-Ring	1	54	Bolt	1
14	Spring	1	34	Pump Unit	1	56	Screw	1
15	O-Ring	1	35	O-Ring	1	57	Screw	1
16	O-Ring	1	36	Screw	1	58	Circlip	1
17	Cylinder	1	37	Spring	1	59	Bushing	1
19	Bolt	4	38	Ball 9.5	1	60	Bushing	1

EXPLODED DRAWING FOR ADAPTER1



NO.	DESCRIPTION	QTY.	NO.	DESCRIPTION	QTY.	NO.	DESCRIPTION	QTY.
60	Rest	1	71	Circlip	2	80	Washer 8	3
61	Support	1	72	Angle	2	82	Bar	1
62	Shaft	1	73	Bolt M10*35	2	83	Screw	1
63	Circlip	4	74	Washer	4	84	Fly Nut	1
65	Screw	1	75	Nut M10	7	85	Chain	1
67	Screw Rod Assy	1	76	Washer 10	5	86	Shaft	1
68	Nut M10	1	77	Plate	4	87	Pin	1
69	Bearing	2	78	Bolt M10*25	4			
70	Shaft	1	79	Bolt M8*25	1			

Assembly Drawing and Parts for Saddle ADAPTER2



No.	Description	Qty	No.	Description	Qty	No.	Description	Qty
201	Chain	1	211	Cross Rack	1	224	Tilting Saddle	1
202	Shackle	1	214	Retaining Ring 28	8	225	Connecting Rod	1
203	Shackle Bolt	1	215	Retaining Ring 14	4	226	Adjustable Screw	2
204	Screw	1	216	Saddle Kit	1	227	Spring Pin	2
205	Nut M12	1	217	Nut M10	2	228	Bottom Plate	1
206	Grip	1	219	Bearing	4	229	Grip	2
207	Bolt M12*45	4	220	Stationary Rod	2	230	Set Screw	1
208	Sp. Washer 12	4	221	Connecting Rod	1	231	Split Pin	2
209	Clamp	4	222	Stationary Rod	1			
210	Spring	4	223	Stationary Rod	1			