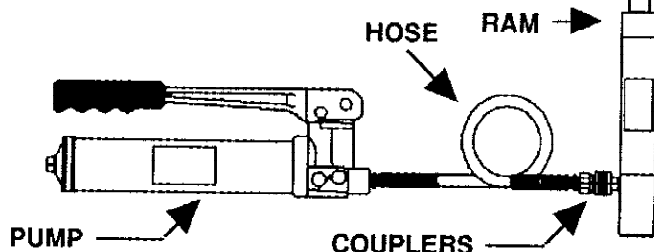


OWNER/OPERATOR MANUAL



SPECIFICATIONS

<u>PUMP PRESSURE</u>	8,000 PSI
<u>PUMP OIL CAPACITY</u>	17.5 OZ
<u>RAM CAPACITY</u>	4 TON
<u>RAM EFFECTIVE AREA (SQUARE)</u>	0.994"
<u>RAM STROKE</u>	4.5"
<u>RAM HEIGHT EXTENDED</u>	16"
<u>RAM HEIGHT CLOSED</u>	11.5"
<u>SPREADER CAPACITY</u>	1 TON
<u>SPREADER (OPEN)</u>	3.5"
<u>TUBE EXTENSIONS CAPACITY</u>	2 TON
<u>OFFSET ATTACHMENTS CAPACITY</u>	1 TON
<u>HOSE MINIMUM BEND RADIUS</u>	3.5"
<u>HOSE CONSTRUCTION</u>	SAE 100R8 MINIMUM
<u>HOSE LENGTH</u>	5 FT

DESCRIPTION

The Body-Jak® Equipment is comprised of a pump, ram, hose, couplers, extensions and attachments. A release valve is conveniently located on the pump. The pump also contains an automatic safety valve which protects the ram and hose from excessive hy-

draulic pressure. Couplers provide a quick means to connect the ram and hose together. Ram travel is limited by a positive ram stop. The attachments and extensions provide set-ups to push, pull, spread, straighten, bend, clamp and hold.

OWNER/OPERATOR RESPONSIBILITY

It is the owner/operator responsibility to properly and safely use and maintain this equipment.

The instructions and warning contained in this manual shall be read and understood by the owner/operator prior to operating this equipment.

If an owner/operator does not understand English, the contents of this manual shall be explained in the owner/operator native language to assure the owner/operator comprehends.

It is the owners/operators responsibility to maintain the legibility of all labels.

The owner/operator shall retain this manual for future reference to important warnings, operating and maintenance instructions.



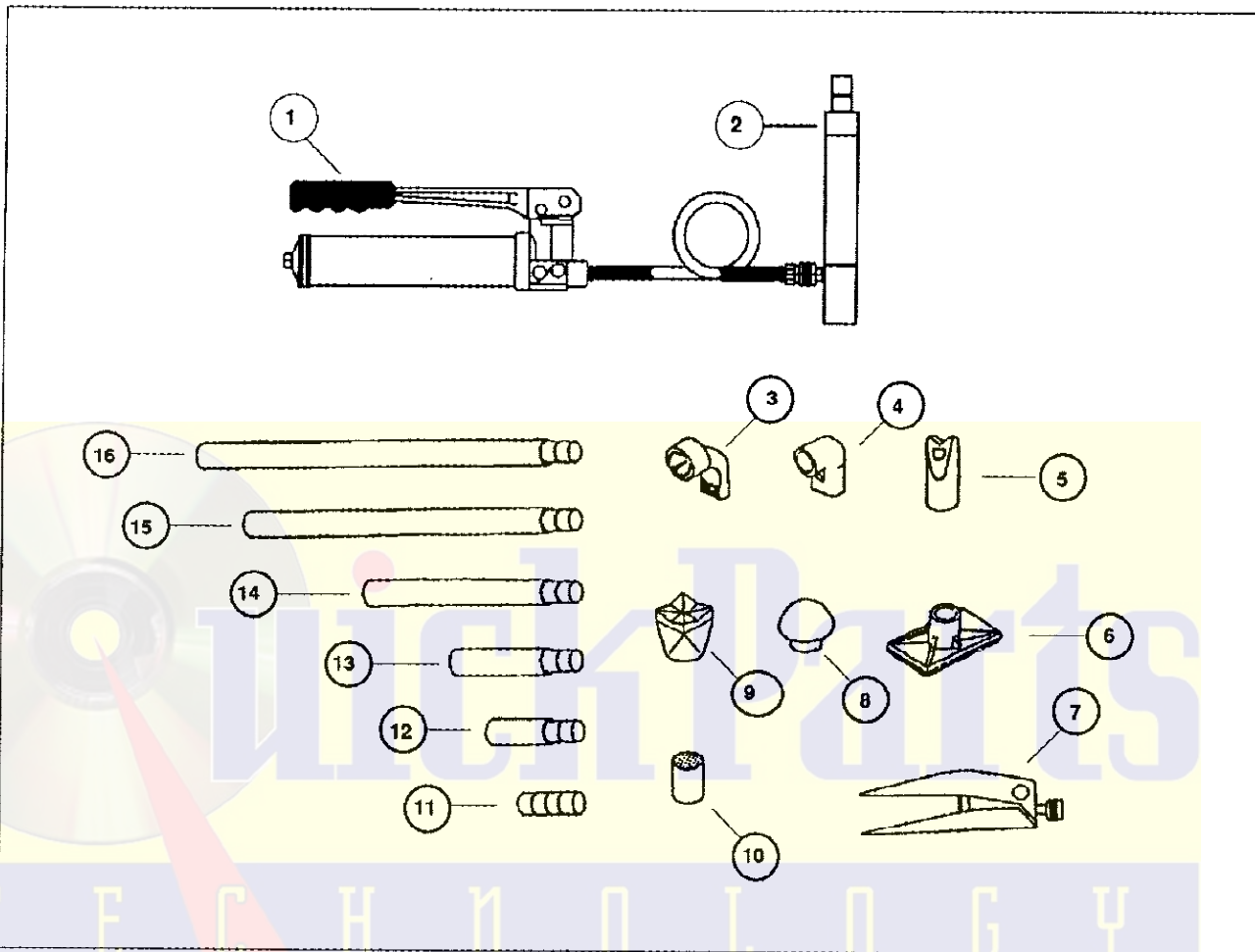
ASSEMBLY

Remove pipe plug from pump assembly and connect hose. Remove and save the dust caps from the hose coupler and ram/spreader coupler. Connect the pump, hose and ram/spreader together by connecting the hose coupler to the ram/spreader coupler. Hand tighten only. Pliers or wrenches may damage the coupler nuts.

SERVICE PARTS

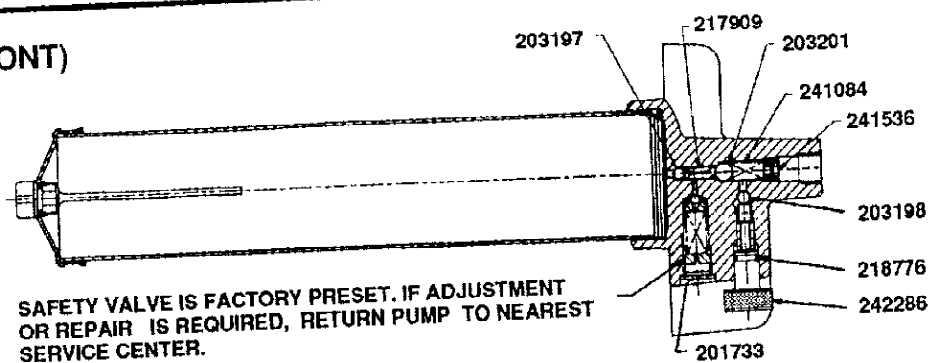
Lincoln provides Factory Authorized Service Centers that stock equipment and replacement parts. Contact Lincoln Customer Service, One Lincoln Way, St. Louis, MO 63120-1578, (314) 679-4300 for your nearest Service Center.

When ordering replacement parts, list: part number, description, model number, and series letter.



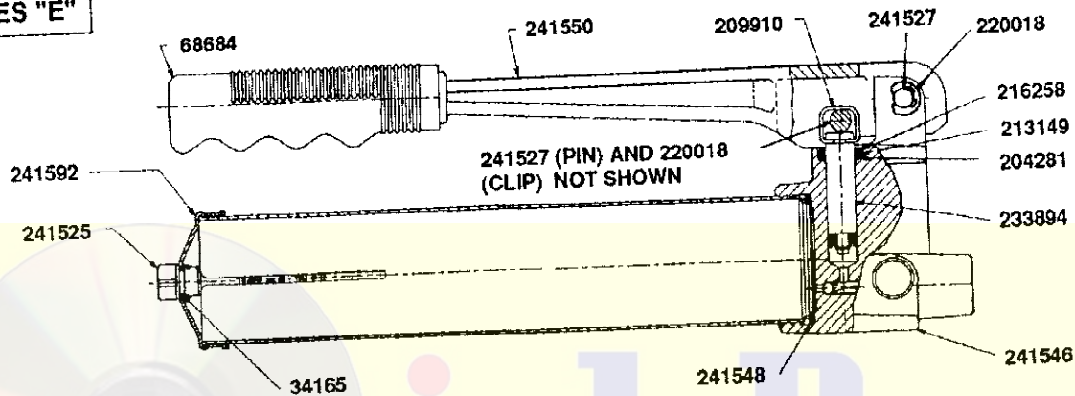
KEY NO.	MODEL/PART NO.	DESCRIPTION	QUANTITY
1	93101	Pump	1
2	93115	Ram	1
3	93118	Body Toe	1
4	93561	Ram Toe	1
5	93562	Spring Spreader	1
6	93567	Flat Head	1
7	93108	Spreader	1
8	93566	Rubber Head	1
9	93563	Concave Head	1
10	93564	Ram Cap	1
11	93565	Connector	1
12	93568	3" Extension	1
13	93569	6" Extension	1
14	93570	12" Extension	1
15	93571	18" Extension	1
16	93572	23" Extension	1

SERVICE PARTS (CONT)

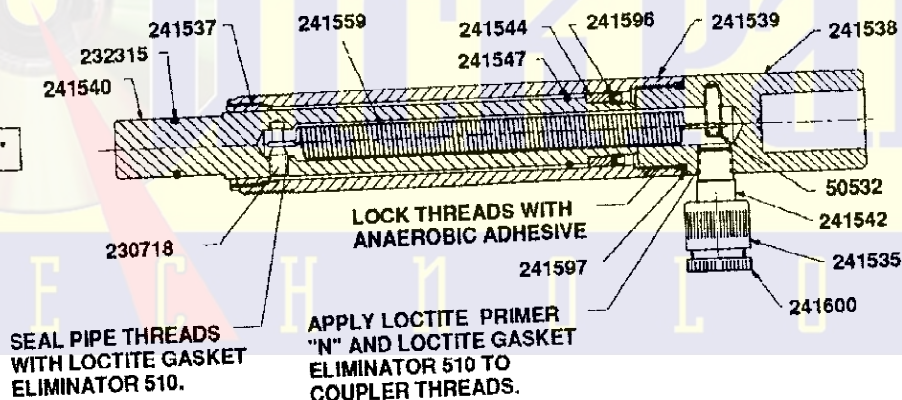


SAFETY VALVE IS FACTORY PRESET. IF ADJUSTMENT OR REPAIR IS REQUIRED, RETURN PUMP TO NEAREST SERVICE CENTER.

93101 SERIES "E"



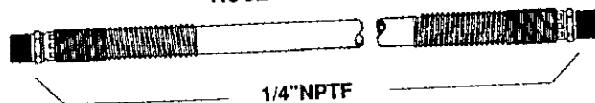
93115 SERIES "B"



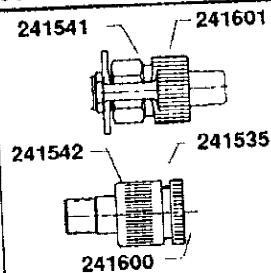
**SEAL PIPE THREADS
WITH LOCTITE GASKET
ELIMINATOR 510.**

**APPLY LOCTITE PRIMER
"N" AND LOCTITE GASKET
ELIMINATOR 510 TO
COUPLER THREADS.**

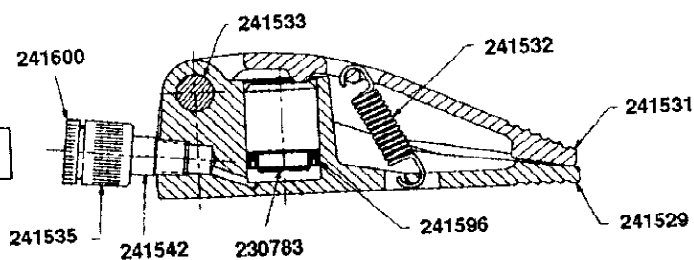
93141 (6 FT)

HOSE W/O COUPLER

93150 COUPLER KIT



93108 SERIES "C"



241564 RAM NAMEPLATE
241647 PUMP NAMEPLATE

SERVICE PARTS (CONT)

PARTS	QTY	DESCRIPTION
34165	1●	O-ring
50532	1	1/4 0-20 set screw
68684	1	Handle grip
93141	1	6 ft. Hose w/o coupler
93150	1	Coupler kit (mated pair)
201733	1	Plug
203197	1●	Ball 3/16" Diameter
203198	1●	Ball 7/32" Diameter
203201	1●	Ball 5/16" Diameter
204281	1●	Washer
209910	1	Pump clip
213149	1●	Packing ring
216258	1●	Pump cover
217909	1●	Suction spring
218776	1●	O-ring
220018	2	Pump pin retainer ring
230718	1	Retainer-return spring
230662	1	Pipe plug
230720	1	Thread protector
230783	1	Ram
232315	1▲	Ring
233894	1●	Pump assembly
241084	1●	Discharge spring
241525	1	Oil gauge
241527	2	Pump pin
241529	1	Spreader (Lower Half)
241531	1	Spreader (Upper Half)
241532	1	Extension spring
241533	1	Fulcrum Pin
241535	2■ ★	Ram/Spreader coupling nut
241536	1	Vented plug
241537	1	Retainer ring
241538	1	Cylinder end
241539	1	Cylinder
241540	1	Ram
241541	1■	Hose end coupling
241542	2■ ★	Ram/Spreader end coupling
241544	1▲	Back-up ring
241546	1	Pump housing
241547	1	Snap ring
241548	1	Lathe cut gasket
241550	1	Handle
241559	1	Spring extension
241564	1	Ram nameplate
241592	1	Oil pump reservoir assembly
241596	2▲	U-cup
241597	1▲	O-ring
241600	2■ ★	Ram/Spreader dust cap
241601	1■	Hose dust cap
241647	1	Pump nameplate
242286	1	Release stem

● Included in Repair Kit 241656 for 93101 Pump.

▲ Included in Repair Kit 241657 for 93115 Ram

■ (1) each Included in 93150 Coupler Kit.

★ Same part used in Ram and Spreader.