

~~CONFIDENTIAL~~
RAM-GEAR MARKETING COMPANY INC
2017 Energy Avenue
P.O. Box 1369
Alice, Texas 78333-1369

NATIONAL PUMPING UNITS

INSTALLATION LUBRICATION OPERATION

Models

F114-173C-64
F160-200C-74
F228-246C-86
F320-305C-100

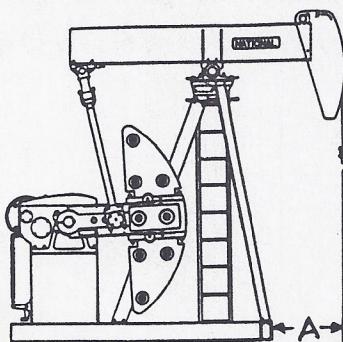
F114-143C-74
F160-173C-86
F228-213C-100
F320-256C-120

Serial Number_____

ASSEMBLY - REFER TO DRAWING

ON PAGE 11

1. Using shipped separate parts lists for unit and drive accessories - identify and check off all parts. If shortages occur, arrange for replacement material.
NOTE: All fasteners are grade 5 or better.
2. Set base with reducer on foundation. The top flanges of the base should be level in all directions within a maximum of 1/16". Refer to drawing below for unit to well centerline dimensions.



| UNIT | A |
|----------------|---------|
| F-114-143C-74 | 64" |
| F-114-169C-64 | 51-3/8" |
| F-160-173C-86 | 77-3/8" |
| F-160-200C-74 | 61-3/4" |
| F-228-213C-100 | 90-5/8" |
| F-228-246C-86 | 72-5/8" |
| F-320-256C-120 | 110" |
| F-320-305C-100 | 84-1/4" |

3. Unit should be grouted under all beams for best support and minimum stressing. A minimum grout thickness of 1" is recommended.
4. Fasten back leg of samson post to the front legs. Leave these bolts * ⑤ loose until complete samson post is mounted on base.
5. Attach ladder to samson post using bolts * ③
6. Mount the assembled samson post and ladder on the base. Tighten all samson post bolts * ⑤ securely.
7. Attach bottom ladder brackets and ladder to main runner and tighten all bolts * ②

* Refer to drawing on page 11 for additional nuts, washers etc. to use with these bolts.

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8. Position pitman assembly on ground with pitman arms spread outward. Note position of small drilled holes in top of pitman beam and position them on same side as pitman shaft grease fitting. Place walking beam with pitman bearing on pitman assembly. Install caps **(33)** and torque bolts **(8)** to value shown below.

Pitman lubrication line **(45)** and hoses **(43)** can be assembled at this time if desired.

| F-114 | F-160 | F-228 | F-320 |
|---------------|---------------|----------------|---------------|
| 1-1/8"x8-3/4" | 1-1/4"x10" | 1-3/8"x10-1/2" | 1-1/2"x12" |
| 1000 Ft. Lbs. | 1350 Ft. Lbs. | 1850 Ft. Lbs. | 2150 Ft. Lbs. |

9. The arc can be assembled to the beam at this time or it can be placed on the beam after the beam is mounted on the unit. Assemble carrier bar to bridle and install bridle to arc. Install square head set screws **(10)** for arc adjustment in beam before assembling arc to unit.
10. If required, change the position of the wrist pin bearing cages at this time. Refer to page 5 for instructions.
11. Lift the walking beam assembly into position on top of samson post. Position pitman arms on the wrist pin cages.
12. Insert bolts **(9)** through wrist pin cages and pitman arms. Tighten the flexloc nuts **(21)** to the torque shown below.

| F-114 | F-160 | F-228 | F-320 |
|--------------|----------------|----------------|---------------|
| 1-1/4"x11" | 1-3/8"x12-3/8" | 1-3/8"x12-3/8" | 1-1/2"x14" |
| 600 Ft. Lbs. | 800 Ft. Lbs. | 800 Ft. Lbs. | 2150 Ft. Lbs. |

13. Install bolts **(6)** nuts **(17)** and washers **(24) (29)** that fasten saddle bearing to the top of the samson post. Leave this connection loose until the unit is aligned to the well.
14. Assemble the saddle, adjusting set screws **(11)** and lock nuts **(18)** in the brackets welded on the top of the samson post.
15. Check tightness of the "U" bolts which fasten the saddle bearing shaft to the walking beam.
16. Align walking beam over the base. Saddle bearing bolts **(6)** are still loose to allow alignment of beam. When pitman arms are properly aligned, they should be in a perpendicular plane as viewed from the rear of the unit with equal clearance for passage of cranks and counterweights.

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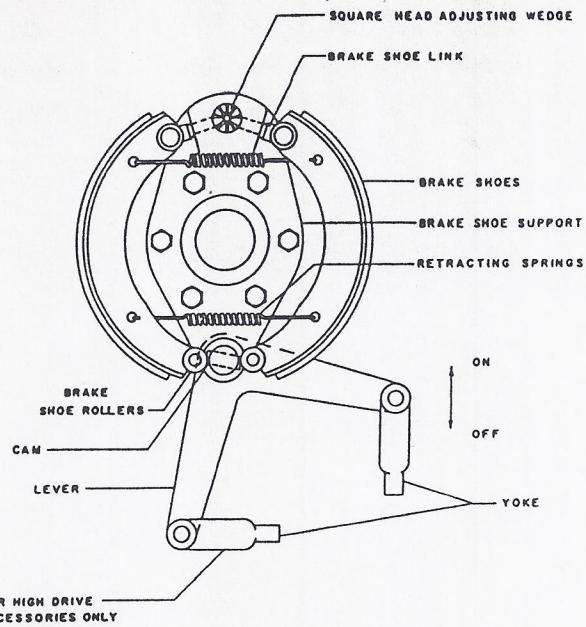
17. Align the arc over the well. Plumb bobs may be dropped from the cable tracks to check alignment. The arc may be moved sideways using the set screws ⑩ located in each side of the beam which will contact the inside of the arc to make this adjustment. The arc may be moved forward and backward using the set screws ⑪ in the top of the samson post to adjust the saddle bearing.
18. Adjust cable until the polished rod clamp support hangs level. Due to the stiffness of the cable it may be necessary to readjust this after the load is hung.
19. After final alignment of the unit is completed, tighten the saddle bearing bolts ⑥
20. Install ground level lubrication lines ④④ and ④⑤ to pitman and saddle bearings.

CAUTION: The lubrication lines and hoses should be filled with the correct lubricant (see page 8) before being connected to the bearing assemblies in order to prevent air being pumped into the bearing which will result in inadequate lubrication.

21. Install grease fitting ④⑥ in wrist pin bearing assemblies.
22. Lubricate unit as described on page 8 and 9.
23. Check tightness of sheave lock screws.
24. Assemble drive accessory items as shown on enclosed drawings.
25. Adjust brake assembly. See page 4.
26. Install counterweights as discussed on page 6 and 7.

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ADJUSTMENT OF BRAKE



1. With the reach rod disconnected (lever against cast stop on gearbox) turn the square head adjusting wedge (right hand thread) until the brake shoes drag slightly on drum or sheave. Shake brake lever up and down to be sure that this is not a false adjustment. It may be necessary to repeat this to obtain a true adjustment because of the stiffness of new and freshly painted parts. Also, the brake shoe link has to seat properly in the serrations on the adjusting wedge. Due to the serrations on the adjusting wedge, considerable force is sometimes required to snap it over to a new groove when nearing proper adjustment.

ADJUST WEDGE UNTIL BRAKE SHOES ALMOST OR SLIGHTLY DRAG ON DRUM. IT IS IMPORTANT THAT THIS ADJUSTMENT BE MADE FIRST. A PROPERLY ADJUSTED BRAKE SHOULD BE FULLY SET WITH A VERTICAL LEVER MOVEMENT OF 1" OR 2".

2. With the brake shoes properly adjusted, install the reach rod. The yokes are easily removable to facilitate adjustment. The yokes should be screwed onto the reach rod far enough to get the proper braking action with the desired movement of the brake lever. THE ADJUSTMENT ON THE ENDS OF THE REACH ROD CANNOT BE USED FOR THE ADJUSTMENT OF THE BRAKE.

NOTE: The mechanical advantage of our brake linkage is such that adequate braking power is obtained without exerting all of a man's force on the brake lever. Due to this convenient feature, it is possible to damage the brake parts by abusive operation. **APPLY ONLY THE FORCE REQUIRED TO SAFELY HOLD THE LOAD.**

*REMOVAL OR INSTALLATION OF WRIST PIN

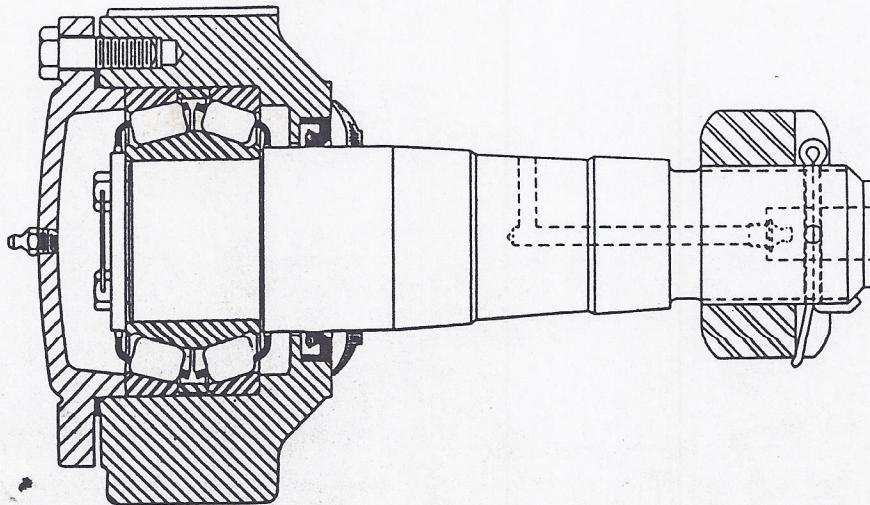
Change position of wrist pin bearing in crank as follows:

1. Remove cotter pin.
2. Loosen slotted nut several turns. (right hand threads)
3. Place the nozzle of a grease gun into the hole on the threaded end of wrist pin, onto the lubrication fitting. Pump grease until enough pressure is exerted to loosen the wrist pin. If necessary, tap the pad or threaded end with a hammer to assist in loosening the tapered wrist pin.
4. Thoroughly clean and smooth crank bore and wrist pin surface before reinstalling wrist pin into crank.
5. Insert wrist pin dry and fasten in place with nut. Tighten as follows: Then replace cotter pin.

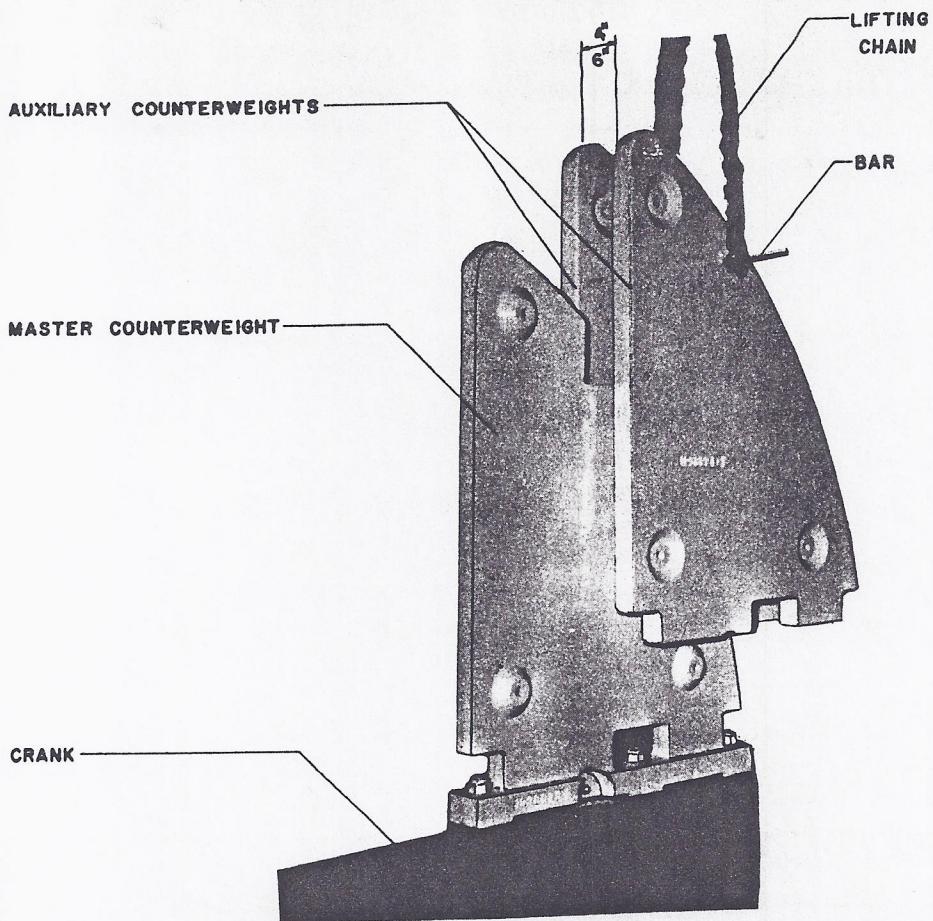
| <u>UNIT STRUCTURE SIZE</u> | <u>*TORQUE (FOOT POUNDS)</u> |
|-----------------------------|--------------------------------|
| F-143C & F-169C | 1600 (200lbs. on 8ft. wrench) |
| F-173C & F-200C | 2000 (200lbs. on 10ft. wrench) |
| F-212C & F-246C | 2000 (200lbs. on 10ft. wrench) |
| F-213C, F-256C, & F-298C | 2000 (200lbs. on 10ft. wrench) |

* It is satisfactory to use slugging wrench and sledge, but be sure that tightening effect is at least equivalent to figures shown.

NOTE: Crank pin holes that are not in use should be coated with grease to protect the machined surfaces from rusting.



ASSEMBLY & ADJUSTMENT OF COUNTERWEIGHTS



- A. Stop crank in horizontal position with side on which counterweight is to be mounted on top. Lock the brake.
- B. Place bolts in T-slot of crank and lower master counterweight onto the bolts. Locate counterweight in desired position and torque bolts **(12)** and nuts **(20)** to 550 Ft. Lbs. torque.

NOTE: If convenient, assemble the auxiliary weights to the master weight before placing on the crank.

- C. Assemble auxiliary counterweights to master counterweight. Bolt through conical sections as shown. An auxiliary counterweight can be mounted on either side or both sides of master counterweight as shown.

NOTE: Master counterweights have a cored lifting hole at the approximate center of weight. Auxiliary counterweights have a cored lifting hole near the top of weight.

- D. Move counterweights to desired position with pinion wrench. POSITION SAFETY STOP **(4)** into adjusting pinion recess on counterweights.

Counterweights may have to be repositioned slightly to align hole in the stop with the hole in the counterweight and the teeth on the stop with teeth in the crank. Tighten nut on safety stop bolt. Torque nuts on counterweight bolts to 550 ft. lbs.

- E. If an additional auxiliary counterweight is to be added to a master counterweight with one auxiliary counterweight; remove the auxiliary counterweight that is mounted, then lift and assemble both auxiliary weights simultaneously, as shown on previous page.

F. ADJUSTMENT

To adjust counterweight, stop crank in a horizontal position with counterweight to be adjusted on the top side of the crank. Loosen nuts that hold counter weight to crank. Remove safety stop. Shake master counterweight to loosen any bond between counterweight and crank. Insert adjusting pinion into cored hole provided in counterweight and by turning pinion, move counterweight to desired position. Torque 1-1/4" nuts to 550 ft. lbs. on counterweight bolts.

NOTE: When mounting auxiliary counterweights, bolt heads must be positioned on inside (side facing gear reducer) to insure maximum clearance.

To prevent an undesirable lead or lag counterbalance condition, master counterweights and auxiliary counterweights should be bought in pairs and mounted in such a way that the combination of all weights form a symmetrical pattern on the cranks.

LUBRICATION

A. SADDLE, PITMAN AND WRIST PIN BEARINGS:

UNIT SHOULD BE LUBRICATED AT NO LESS THAN SIX MONTH INTERVALS.

The saddle, pitman, and wrist pin bearings are lubricated with EP grease when delivered to the customer. Lubricant must not channel at minimum operating temperatures. Use lubricant as follows:

| <u>TEMPERATURE</u> | <u>* GREASE</u> | | <u>** TRANSMISSION LUBRICANT</u> |
|--------------------|-----------------|----|--------------------------------------|
| 50 F to 140 F | #2 EP | or | SAE 250 |
| 30 F to 100 F | #1 EP | or | SAE 140 |
| 0 F to 80 F | #1 EP | or | SAE 90 |
| -50 F to 0 F | | or | SAE 80 |

* Preferably lithium base EP grease.

** Preferably straight mineral type.

With abrasive sands blowing into the oil seals in most oil country locations, it is necessary to replace oil seals occasionally in order to properly retain the lubricant. In view of this retention problem, it is desirable in many areas to use grease lubricants instead of oil.

All bearing assemblies are fitted with a pressure relief fitting. Check these on saddle, pitman, and wrist pin bearings to be sure that the relief holes on each side of the fitting are free from paint and dirt. These relief fittings will relieve pressure and prevent blowout of the oil seal.

Fill saddle, pitman, and wrist pin bearing assemblies with the recommended lubricant. INJECT SLOWLY WITH GREASE GUN UNTIL PRESSURE OPENS RELIEF FITTINGS.

B. GEAR REDUCERS:

Before placing the unit in operation, fill gear case with the amount of oil specified on the instruction plate.

The viscosity recommendations in the following table are based on the air temperature surrounding the gear case.

| <u>TEMPERATURE</u> | <u>AGMA INDUSTRIAL EP GEAR OIL</u> |
|--------------------|--|
| + 50°F to + 155°F | AGMA #7EP or ISO-VG Grade 460 (Viscosity 2214 to 2719 SSU @ 100°F) |
| + 20°F to + 100°F | AGMA #6EP or ISO-VG Grade 320 (Viscosity 1533 to 1881 SSU @ 100°F) |
| - 20°F to + 60°F | AGMA #2EP or ISO-VG Grade 68 (Viscosity 318 to 389 SSU @ 100°F) |
| - 50°F to + 32°F | 5W Automotive Engine Oil w/Foam Suppressant, Rust and Oxidation Inhibitors |

Check oil frequently for presence of water or abrasive matter. If the oil is emulsified or contaminated or if the viscosity is incorrect for prevailing temperatures, the oil must be changed. Thoroughly flush the inside of the case before refilling with new oil. Operate idle gears occasionally to avoid corrosion.

KEEP OIL LEVEL BETWEEN HIGH AND LOW LEVEL PLUGS.

OIL CAPACITY

| GEAR REDUCER | F-114D | F-160D | F-228D | F-320D |
|-----------------|--------|--------|--------|--------|
| GALLONS | 12 | 17 | 22 | 27 |

GENERAL MAINTENANCE

If the pumping unit has been properly selected, installed, lubricated, and aligned over the well, the day-to-day maintenance will be reduced to a minimum. However, normal wear and changing well conditions require attention to assure continuing satisfactory operation of a unit.

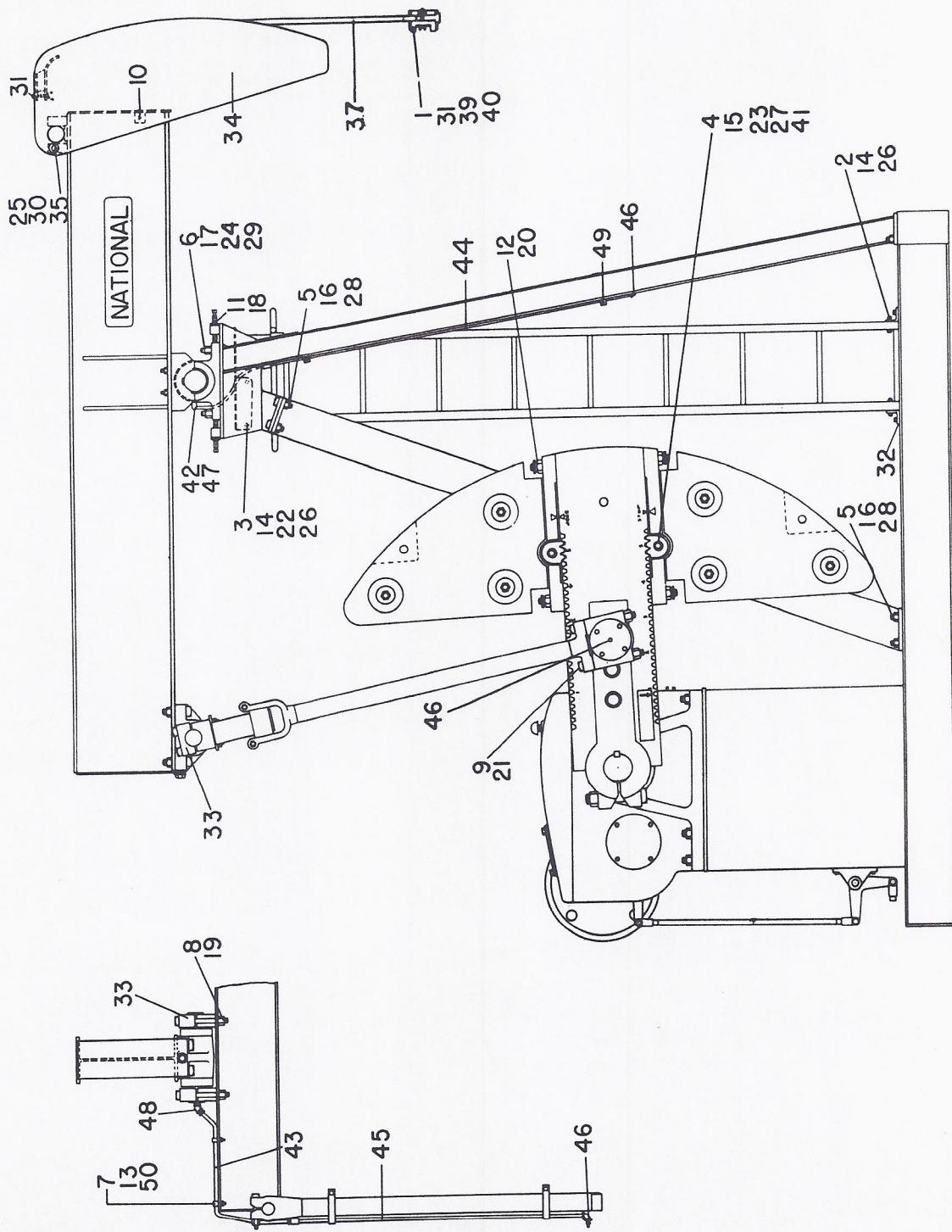
WARNING — BEFORE SERVICING

1. Shut down or disengage the power source.
2. Shut down all accessory equipment.

Failure to shut down power before servicing can result in serious personal injury and property damage.

CHECK POINTS

- A. TIGHTNESS OF ALL BOLTS AND NUTS — Normal operations cause foundation and structural bolts to become loose. Prevent costly repairs by periodically tightening these bolts.
- B. LUBRICATION OF WRIST PIN, SADDLE AND PITMAN BEARINGS — Due to wear on oil seals and shafts, the interval of lubricating these bearings will change. Make sure these bearings are receiving proper lubrication.
- C. OIL IN GEAR REDUCER — Check for foreign matter, emulsification and sludging. Change or centrifuge oil at least once a year.
- D. COUNTERBALANCE OF UNIT — Well conditions change. Make sure your unit is properly counterbalanced and the counterweight bolts are tight.
- E. CONDITION OF BEARINGS — Check gear reducer bearings (crankshaft, intermediate and high speed pinion), wrist pin, saddle and pitman bearings for wear and fatigue failure.
- F. CONDITION OF OIL SEALS — The function of the oil seal is to contain lubricant in the bearings. Make sure the seals are in good condition.
- G. CONDITION OF BRIDLE — Check for rusted or frayed wires in the bridle. Change the bridle before failure.



SHIPPED SEPARATE PARTS LIST
REFER TO PAGE 11

| ITEM NO. | SIZE AND DESCRIPTION | NO. | UNIT SIZE | NO. | UNIT SIZE |
|-------------|--|-----|-----------------|-----|---------------|
| | | | F114-173-64 | | F114-143C-74 |
| 1* | 1/2"x3/4" S.ST. HEX HEAD CAP SCREW | 2 | 7000301-30 | 2 | 7000301-30 |
| 2* | 5/8"x1-3/4" HEX HEAD CAP SCREW | 4 | 7000396-11 | 4 | 7000396-11 |
| 3 | 5/8"x2 1/4" HEX HEAD CAP SCREW | 2 | 7000398-11 | 2 | 7000398-11 |
| 4* | 3/4"x4" HEX HEAD CAP SCREW | 4 | 7000448-11 | 4 | 7000448-11 |
| 5* | 1"x2 1/2" HEX HEAD CAP SCREW | 12 | 7000524 | 12 | 7000524 |
| 6* | 1"x3 1/2" HEX HEAD CAP SCREW | 2 | 7000528-10 | 2 | 7000528-10 |
| 7* | #8x1" ROUND HEAD SCREW | 2 | 7051081-01 | 2 | 7051081-01 |
| 8* | 1-1/8" -12x8-3/4" SQUARE HEAD BOLT | 4 | 1037074 | 4 | 1037074 |
| 9* | 1 1/4"-12x11" SQUARE HEAD BOLT | 4 | 1022159 | 4 | 1022159 |
| 10* | 5/8"x4 1/2" SQUARE HEAD SET SCREW | 2 | 7018407 | 2 | 7018407 |
| 11* | 5/8"x5" SQUARE HEAD SET SCREW | 4 | 7016409 | 4 | 7016409 |
| 12* | 1 1/4"x5-7/8" "T" BOLT FOR COUNTERWEIGHT | 8 | 1037055 | 8 | 1037055 |
| 13* | #8 - 32 HEX NUT | 2 | 6330080 | 2 | 6330080 |
| 14* | 5/8" -11 UNC HEX NUT | 4 | 6300103 | 4 | 6300103 |
| 15* | 3/4" -10 UNC HEX NUT | 4 | 6300121 | 4 | 6300121 |
| 16* | 1" -8 UNC HEX NUT | 12 | 6300160 | 12 | 6300160 |
| 17* | 1" -8 UNC HEX NUT | 2 | 6300160 | 2 | 6300160 |
| 18* | 5/8" -11 UNC HEX JAM NUT | 6 | 6320100 | 6 | 6320100 |
| 19* | 1-1/8" -12 NF FLEXLOC NUT | 4 | 6310180 | 4 | 6310180 |
| 20* | 1 1/4" -7 NF FLEXLOC NUT | 8 | 6310201 | 8 | 6310201 |
| 21* | 1 1/4" -12 NF FLEXLOC NUT | 4 | 6310200 | 4 | 6310200 |
| 22* | 5/8"x1-3/4" O.D. FLAT WASHER | 2 | 7600042 | 2 | 7600042 |
| 23* | 3/4"x2" O.D. FLAT WASHER | 4 | 7600046 | 4 | 7600046 |
| 24* | 1"x2 1/2" O.D. FLAT WASHER | 2 | 7600054 | 2 | 7600054 |
| 25* | 1"x2 1/2" O.D. FLAT WASHER | 1 | 7600054 | 1 | 7600054 |
| 26* | 5/8" SPRING LOCK WASHER | 4 | 7619058 | 4 | 7619058 |
| 27* | 3/4" SPRING LOCK WASHER | 4 | 7619066 | 4 | 7619066 |
| 28* | 1" SPRING LOCK WASHER | 12 | 7602081 | 12 | 7602081 |
| 29* | 1" SPRING LOCK WASHER | 2 | 7602081 | 2 | 7602081 |
| 30* | 1/4"x1 1/2" COTTER PIN | 1 | 6501612 | 1 | 6501612 |
| 31* | 1/4"x3" COTTER PIN | 4 | 6501624 | 4 | 6501624 |
| 32 | LADDER-BOTTOM BRACKET | 2 | 1038139 | 2 | 1038139 |
| 33* | CAP, PITMAN BEARING | 2 | 1037039 | 2 | 1037039 |
| 34 | ARC ONLY | 1 | 1037057 | 1 | 1038072 |
| 35* | ARC HINGE PIN | 1 | 1040047 | 1 | 1040047 |
| 36 | LENGTH OF HINGE PIN | - | 15 1/4" | - | 15 1/4" |
| 37* | CABLE FOR ARC | 1 | 1037059 | 1 | 1038058 |
| 38 | SIZE AND LENGTH | - | 7/8"x17"-5-3/4" | - | 1"x19'-2-1/8" |
| 39* | POLISHED ROD SUPPORT | 1 | 1037069 | 1 | 1039030 |
| 40* | RETAINER PLATE-SUPPORT | 1 | 1093371 | 1 | 1093370 |
| 41* | COUNTERWEIGHT STOP | 4 | 1093321-P | 4 | 1093321-P |
| 42* | 1/4"x20 1/2" LUBRICATION HOSE | 1 | 6104018 | 1 | 6104018 |
| 43* | 1/4"x4 3/2" LUBRICATION HOSE | 1 | 6104024 | 1 | 6104024 |
| 44 | 1/4"x86" LUBRICATION LINE-PLAIN | 1 | 1036043 | 1 | 1036043 |
| 45 | 1/4"x56" LUBRICATION LINE-W/CLAMPS | 1 | 1093229 | 1 | 1093229 |
| 46* | 1/8" STRAIGHT GREASE FITTING | 4 | 7805052 | 4 | 7805052 |
| 47* | 1/8"-90° SWIVEL UNION | 1 | 7820002 | 1 | 7820002 |
| 48* | 1/2" - 45° SWIVEL UNION | 1 | 7820003 | 1 | 7820003 |
| 49* | 3/8" CONDUIT CLAMP W/BOLT | 2 | 7818190 | 2 | 7818190 |
| 50* | 1/4" HOSE CLIP | 2 | 7802202 | 2 | 7802202 |
| 51** | PINION, CWT. ADJUSTING | 1 | 1033047 | 1 | 1033047 |
| 52** | WRENCH, WRIST PIN | 1 | 1092759-P | 1 | 1092759-P |
| 53** | WRENCH, COUNTERWEIGHT | 1 | 1093355 | 1 | 1093355 |
| | * IN PARTS BOX | | | | |
| | ** FURNISH WITH EACH UNIT | | | | |

SHIPPED SEPARATE PARTS LIST
REFER TO PAGE 11

| ITEM NO. | SIZE AND DESCRIPTION | NO. | UNIT SIZE | NO. | UNIT SIZE |
|---------------------------|--|-----|---------------|-----|---------------|
| | | | F160-200C-74 | | F160-173C-86 |
| 1* | 1/2"x3/4" S.ST. HEX HEAD CAP SCREW | 2 | 7000301-30 | 2 | 7000301-30 |
| 2* | 5/8"x1-3/4" HEX HEAD CAP SCREW | 4 | 7000396-11 | 4 | 7000396-11 |
| 3 | 5/8"x2 1/2" | 2 | 7000399-11 | 2 | 7000399-11 |
| 4* | 3/4"x4" | 4 | 7000448-11 | 4 | 7000448-11 |
| 5* | 1"x2 1/2" | 14 | 7000524 | 14 | 7000524 |
| 6* | 1-1/8"x4" | 2 | 7000568-10 | 2 | 7000568-10 |
| 7* | #8x1" | 2 | 7051081-01 | 2 | 7051081-01 |
| 8* | 1 1/4"-12NFx10" | 4 | 1038057 | 4 | 1038057 |
| 9* | 1-3/8"-12 NFx12-3/8" SQUARE HEAD BOLT | 4 | 1021699 | 4 | 1021699 |
| 10* | 1"x4" | 2 | 7016530-08 | 2 | 7016530-08 |
| 11* | 5/8"x5" | 4 | 7016409 | 4 | 7016409 |
| 12* | 1 1/4"x5-7/8" "T" BOLT FOR COUNTERWEIGHT | 12 | 1037055 | 12 | 1037055 |
| 13* | #8 -32 HEX NUT | 2 | 6330080 | 2 | 6330080 |
| 14* | 5/8" - 11 UNC HEX NUT | 6 | 6300103 | 6 | 6300103 |
| 15* | 3/4" - 10 UNC HEX NUT | 4 | 6300121 | 4 | 6300121 |
| 16* | 1" - 8 UNC HEX NUT | 14 | 6300160 | 14 | 6300160 |
| 17* | 1-1/8" - 7 UNC HEX NUT | 2 | 6300180 | 2 | 6300180 |
| 18* | 5/8" - 11 UNC HEX JAM NUT | 4 | 6320100 | 4 | 6320100 |
| 19* | 1 1/4" - 12 NF FLEXLOC NUT | 4 | 6310200 | 4 | 6310200 |
| 20* | 1 1/4" - 7 UNC FLEXLOC NUT | 12 | 6310201 | 12 | 6310201 |
| 21* | 1-3/8" - 12 NF FLEXLOC NUT | 4 | 6310220 | 4 | 6310220 |
| 22* | 5/8"x1-3/4" O.D. FLAT WASHER | 2 | 7600042 | 2 | 7600042 |
| 23* | 3/4"x2" O.D. FLAT WASHER | 4 | 7600046 | 4 | 7600046 |
| 24* | 1-1/8"x2-3/4" O.D. FLAT WASHER | 2 | 7600058 | 2 | 7600058 |
| 25* | 1"x2 1/2" O.D. FLAT WASHER | 1 | 7600054 | 1 | 7600054 |
| 26* | 5/8" SPRING LOCK WASHER | 6 | 7619058 | 6 | 7619058 |
| 27* | 3/4" SPRING LOCK WASHER | 4 | 7619066 | 4 | 7619066 |
| 28* | 1" SPRING LOCK WASHER | 14 | 7602081 | 14 | 7602081 |
| 29* | 1-1/8" SPRING LOCK WASHER | 2 | 7602090 | 2 | 7602090 |
| 30* | 1/4"x1 1/2" COTTER PIN | 1 | 6501612 | 1 | 6501612 |
| 31* | 1/4"x3" COTTER PIN | 4 | 6501624 | 4 | 6501624 |
| 32 | LADDER-BOTTOM BRACKET | 2 | 1038139 | 2 | 1038139 |
| 33* | CAP, PITMAN BEARING | 2 | 1038059 | 2 | 1038059 |
| 34 | ARC ONLY | 1 | 1038072 | 1 | 1039064 |
| 35* | ARC HINGE PIN | 1 | 1040047 | 1 | 1040047 |
| 36 | LENGTH OF HINGE PIN | - | 15 1/4" | - | 15 1/4" |
| 37* | CABLE FOR ARC | 1 | 1038058 | 1 | 1039051 |
| 38 | SIZE AND LENGTH | - | 1"x19'-2-1/8" | - | 1"x21'-1-7/8" |
| 39* | POLISHED ROD SUPPORT | 1 | 1039030 | 1 | 1039030 |
| 40* | RETAINER PLATE SUPPORT | 1 | 1093370 | 1 | 1093370 |
| 41* | COUNTERWEIGHT STOP | 4 | 1093321-P | 4 | 1093321-P |
| 42* | 1/2"x20 1/2" LUBRICATION HOSE | 1 | 6104018 | 1 | 6104018 |
| 43* | 1/2"x41" LUBRICATION HOSE | 1 | 6104023 | 1 | 6104023 |
| 44 | 1/4"x134" LUBRICATION LINE-PLAIN | 1 | 1038056 | 1 | 1038056 |
| 45 | 1/4"x76" LUBRICATION LINE-W/CLAMPS | 1 | 1093228 | 1 | 1093228 |
| 46* | 1/8" STRAIGHT GREASE FITTING | 4 | 7805052 | 4 | 7805052 |
| 47* | 1/8"-90° SWIVEL UNION | 1 | 7820002 | 1 | 7820002 |
| 48* | 1/2" - 45° SWIVEL UNION | 1 | 7820003 | 1 | 7820003 |
| 49* | 3/8" CONDUIT CLAMP W/BOLT | 2 | 7818190 | 2 | 7818190 |
| 50* | 1/4" HOSE CLIP | 2 | 7802202 | 2 | 7802202 |
| 51** | PINION, CWT. ADJUSTING | 1 | 1033047 | 1 | 1033047 |
| 52** | WRENCH, WRIST PIN | 1 | 1092829-P | 1 | 1092829-P |
| 53** | WRENCH, COUNTERWEIGHT | 1 | 1093355 | 1 | 1093355 |
| * IN PARTS BOX | | | | | |
| ** FURNISH WITH EACH UNIT | | | | | |

*** SHIPPED SEPARATE PARTS LIST**
REFER TO PAGE 11

| ITEM NO. | SIZE AND DESCRIPTION | NO. | UNIT SIZE | NO. | UNIT SIZE |
|---------------------------|--|-----|---------------|-----|-------------------|
| | | | F228-246C-86 | | F228-213C-100 |
| 1* | 1/2"x3/4" S.ST. HEX HEAD CAP SCREW | 2 | 7000301-30 | 2 | 7000301-30 |
| 2* | 5/8"x1-3/4" HEX HEAD CAP SCREW | 4 | 7000396-11 | 4 | 7000396-11 |
| 3* | 5/8"x2 1/2" HEX HEAD CAP SCREW | 2 | 7000399-11 | 2 | 7000399-11 |
| 4* | 3/4"x4" HEX HEAD CAP SCREW | 4 | 7000448-11 | 4 | 7000448-11 |
| 5* | 1"x2 1/2" HEX HEAD CAP SCREW | 14 | 7000524 | 14 | 7000524 |
| 6* | 1-1/8"x4" HEX HEAD CAP SCREW | 2 | 7000568-10 | 2 | 7000568-10 |
| 7* | #8x1" ROUND HEAD SCREW | 2 | 7051081-01 | 2 | 7051081-01 |
| 8* | 1-3/8" -12NFx10 1/2" SQUARE HEAD BOLT | 4 | 1039050 | 4 | 1039050 |
| 9* | 1-3/8" -12NFx12-3/8" SQUARE HEAD BOLT | 4 | 1021699 | 4 | 1021699 |
| 10* | 1"x4" SQUARE HEAD SET SCREW | 2 | 7016530-08 | 2 | 7016530-08 |
| 11* | 5/8"x5" SQUARE HEAD SET SCREW | 4 | 7016409 | 4 | 7016409 |
| 12* | 1 1/4"x5-7/8" "T" BOLT FOR COUNTERWEIGHT | 12 | 1037055 | 12 | 1037055 |
| 13* | #8 - 32 HEX NUT | 2 | 6330080 | 2 | 6330080 |
| 14* | 5/8" - 11UNC HEX NUT | 6 | 6300103 | 6 | 6300103 |
| 15* | 3/4" - 10UNC HEX NUT | 4 | 6300121 | 4 | 6300121 |
| 16* | 1" - 8UNC HEX NUT | 14 | 6300160 | 14 | 6300160 |
| 17* | 1-1/8" - 7UNC HEX NUT | 2 | 6300180 | 2 | 6300180 |
| 18* | 5/8" - 11UNC HEX JAM NUT | 4 | 6320100 | 4 | 6320100 |
| 19* | 1-3/8" -12NF FLEXLOC NUT | 4 | 6310220 | 4 | 6310220 |
| 20* | 1 1/4" - 7UNC FLEXLOC NUT | 12 | 6310201 | 12 | 6310201 |
| 21* | 1-3/8" -12NF FLEXLOC NUT | 4 | 6310220 | 4 | 6310220 |
| 22* | 5/8"x1-3/4" O.D. FLAT WASHER | 2 | 7600042 | 2 | 7600042 |
| 23* | 3/4"x2" O.D. FLAT WASHER | 4 | 7600046 | 4 | 7600046 |
| 24* | 1-1/8"x2-3/4" O.D. FLAT WASHER | 2 | 7600058 | 2 | 7600058 |
| 25* | 1"x2 1/2" O.D. FLAT WASHER | 1 | 7600054 | 1 | 7600054 |
| 26* | 5/8" SPRING LOCK WASHER | 6 | 7619058 | 6 | 7619058 |
| 27* | 3/4" SPRING LOCK WASHER | 4 | 7619066 | 4 | 7619066 |
| 28* | 1" SPRING LOCK WASHER | 14 | 7602081 | 14 | 7602081 |
| 29* | 1-1/8" SPRING LOCK WASHER | 2 | 7602090 | 2 | 7602090 |
| 30* | 1/4"x1 1/2" COTTER PIN | 1 | 6501612 | 1 | 6501612 |
| 31* | 1/4"x3" COTTER PIN | 4 | 6501624 | 4 | 6501624 |
| 32* | LADDER-BOTTOM BRACKET | 2 | 1040038 | 2 | 1040038 |
| 33* | CAP, PTIMAN BEARING | 2 | 1039052 | 2 | 1039052 |
| 34 | ARC ONLY | 1 | 1039064 | 1 | 1040030 |
| 35* | ARC HINGE PIN | 1 | 1040047 | 1 | 1040047 |
| 36 | LENGTH OF HINGE PIN | - | 15 1/4" | - | 15 1/4" |
| 37 | CABLE FOR ARC | 1 | 1039051 | 1 | 1040032 |
| 38 | SIZE AND LENGTH | - | 1"x21'-1-7/3" | - | 1-1/8"x24'-1-1/8" |
| 39* | POLISHED ROD SUPPORT | 1 | 1039030 | 1 | 1039030 |
| 40* | RETAINER PLATE-SUPPORT | 1 | 1093370 | 1 | 1093370 |
| 41* | COUNTERWEIGHT STOP | 4 | 1093321-P | 4 | 1093321-P |
| 42* | 1/4"x20 1/2" LUBRICATION HOSE | 1 | 6104018 | 1 | 6104018 |
| 43* | 1/4"x41" LUBRICATION HOSE | 1 | 6104023 | 1 | 6104023 |
| 44 | 1/4"x134" LUBRICATION LINE-PLAIN | 1 | 1038056 | 1 | 1038056 |
| 45 | 1/4"x94" LUBRICATION LINE-W/CLAMPS | 1 | 1093227 | 1 | 1093227 |
| 46* | 1/8" STRAIGHT GREASE FITTING | 4 | 7805052 | 4 | 7805052 |
| 47* | 1/8"-90° SWIVEL UNION | 1 | 7820002 | 1 | 7820002 |
| 48* | 1/8"-45° SWIVEL UNION | 1 | 7820003 | 1 | 7820003 |
| 49* | 3/8" CONDUIT CLAMP W/BOLT | 2 | 7818190 | 2 | 7818190 |
| 50* | 1/4" HOSE CLIP | 2 | 7802202 | 2 | 7802202 |
| 51** | PINION, CWT. ADJUSTING | 1 | 1033047 | 1 | 1033047 |
| 52** | WRENCH, WRIST PIN | 1 | 1092829-P | 1 | 1092829-P |
| 53** | WRENCH, COUNTERWEIGHT | 1 | 1093355 | 1 | 1093355 |
| * IN PARTS BOX | | | | | |
| ** FURNISH WITH EACH UNIT | | | | | |

SHIPPED SEPARATE PARTS LIST
REFER TO PAGE 11

| ITEM NO. | SIZE AND DESCRIPTION | NO. | UNIT SIZE | NO. | UNIT SIZE |
|----------|------------------------------|----------------------------|---------------|--------------------|-------------------|
| | | | F320-305C-100 | | F320-256C-120 |
| 1* | 1/2"x3/4" S.ST | HEX HEAD CAP SCREW | 2 | 7000301-30 | 2 |
| 2* | 5/8"x1-3/4" | HEX HEAD CAP SCREW | 4 | 7000396-11 | 4 |
| 3* | 5/8"x2 1/2" | HEX HEAD CAP SCREW | 2 | 7000399-11 | 2 |
| 4* | 3/4"x4" | HEX HEAD CAP SCREW | 4 | 7000448-11 | 4 |
| 5* | 1-1/8"x3 1/4" | HEX HEAD CAP SCREW | 14 | 7000565-11 | 14 |
| 6* | 1 1/4"x5" | HEX HEAD CAP SCREW | 2 | 7000614-10 | 2 |
| 7* | #8x1" | ROUND HEAD SCREW | 2 | 7051081-01 | 2 |
| 8* | 1 1/2"-UNCx12" | SQUARE HEAD BOLT | 4 | 1040051 | 4 |
| 9* | 1 1/2"-UNCx14" | SQUARE HEAD BOLT | 4 | 1040050 | 4 |
| 10* | 1"x4" | SQUARE HEAD SET SCREW | 2 | 7016530-08 | 2 |
| 11* | 1"x6" | SQUARE HEAD SET SCREW | 4 | 7016538 | 4 |
| 12* | 1 1/4"x5-7/8" | "T" BOLT FOR COUNTERWEIGHT | 12 | 1037055 | 12 |
| 13* | #8 - 32 | HEX NUT | 2 | 6330080 | 2 |
| 14* | 5/8" - 11UNC | HEX NUT | 6 | 6300103 | 6 |
| 15* | 3/4" - 10UNC | HEX NUT | 4 | 6300121 | 4 |
| 16* | 1-1/8" - 7UNC | HEX NUT | 14 | 6300180 | 14 |
| 17* | 1 1/4" - 7UNC | HEX NUT | 2 | 6300200 | 2 |
| 18* | 1" - 8UNC | HEX JAM NUT | 4 | 6320160 | 4 |
| 19* | 1 1/2" - 6UNC | FLEXLOC NUT | 4 | 6310242 | 4 |
| 20* | 1 1/4" - 7UNC | FLEXLOC NUT | 12 | 6310201 | 12 |
| 21* | 1 1/2" - 6UNC | FLEXLOC NUT | 4 | 6310242 | 4 |
| 22* | 5/8"x1-3/4" O.D. | FLAT WASHER | 2 | 7600042 | 2 |
| 23* | 3/4"x2" O.D. | FLAT WASHER | 4 | 7600046 | 4 |
| 24* | 1 1/4"x3" O.D. | FLAT WASHER | 2 | 7600062 | 3 |
| 25* | 1"x2 1/2" O.D. | FLAT WASHER | 1 | 7600054 | 0 |
| 26* | 5/8" | SPRING LOCK WASHER | 6 | 7619058 | 6 |
| 27* | 3/4" | SPRING LOCK WASHER | 4 | 7619066 | 4 |
| 28* | 1-1/8" | SPRING LOCK WASHER | 14 | 7602090 | 14 |
| 29* | 1 1/4" | SPRING LOCK WASHER | 2 | 7602098 | 2 |
| 30* | 1/4"x1 1/2" | COTTER PIN | 1 | 6501612 | 1 |
| 31* | 1/4"x3" | COTTER PIN | 4 | 6501624 | 4 |
| 32* | | LADDER-BOTTOM BRACKET | 2 | 1040038 | 2 |
| 33* | | CAP, PITMAN BEARING | 2 | 1040012 | 2 |
| 34 | | ARC ONLY | 1 | 1040030 | 1 |
| 35* | | ARC HINGE PIN | 1 | 1040047 | 1 |
| 36 | | LENGTH ON HINGE PIN | - | 15 1/4" | - |
| 37 | | CABLE FOR ARC | 1 | 1040032 | 1 |
| 38 | | SIZE AND LENGTH | - | 1-1/8"x24'-1-1/8"- | 1-1/8"x27"-4-3/8" |
| 39* | | POLISHED ROD SUPPORT | 1 | 1039030 | 1 |
| 40* | | RETAINER PLATE-SUPPORT | 1 | 1093370 | 1 |
| 41* | | COUNTERWEIGHT STOP | 4 | 1093321-P | 4 |
| 42* | 1/4"x24" | LUBRICATION HOSE | 1 | 6104019 | 1 |
| 43* | 1/4"x43 1/2" | LUBRICATION HOSE | 1 | 6104024 | 1 |
| 44* | 1/4"x158" | LUBRICATION LINE-PLAIN | 1 | 1040053 | 1 |
| 45* | 1/4"x106" | LUBRICATION LINE-W/CLAMPS | 1 | 1040054 | 1 |
| 46* | 1/8" STRAIGHT GREASE FITTING | | 4 | 7805052 | 4 |
| 47* | 1/8"-90° SWIVEL UNION | | 1 | 7820002 | 1 |
| 48* | 1/8"-45° SWIVEL UNION | | 1 | 7820003 | 1 |
| 49* | 3/8" CONDUIT CLAMP W/BOLT | | 2 | 7818190 | 2 |
| 50* | 5/8" HOSE CLIP | | 2 | 7802202 | 2 |
| 51** | PINION, CWT ADJUSTING | | 1 | 1033047 | 1 |
| 52** | WRENCH, WRIST PIN | | 1 | 1040070-P | 1 |
| 53** | WRENCH, WRIST COUNTERWEIGHT | | 1 | 1093355 | 1 |
| | * IN PARTS BOX | | | | |
| | ** FURNISH WITH EACH UNIT | | | | |

PUMPING UNIT DRIVE ACCESSORIES

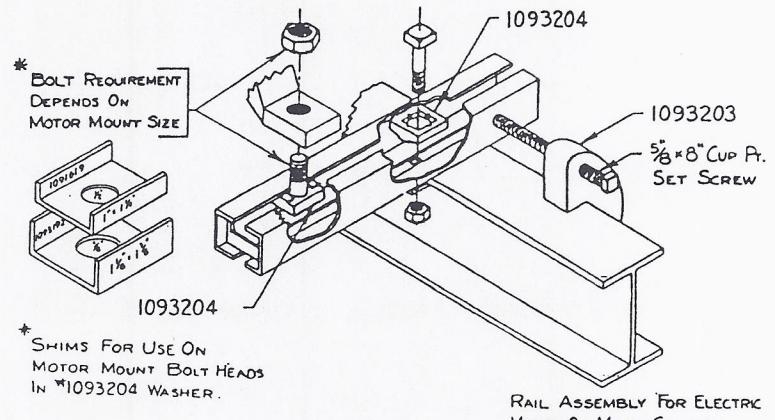
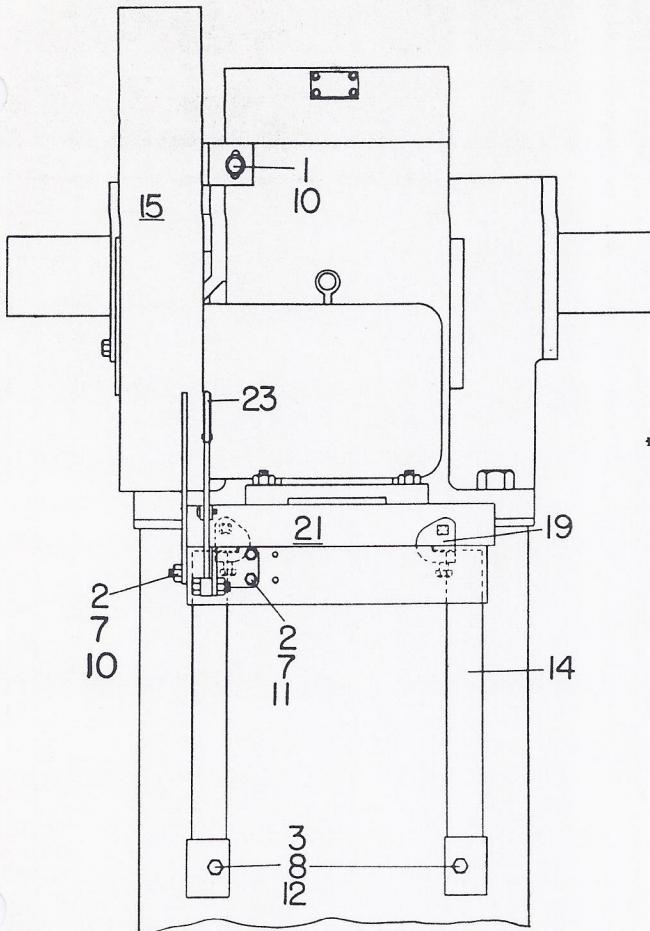
Shipped Separate Parts List

Pumping Unit Size F114-173C-64 or F114-143C-74

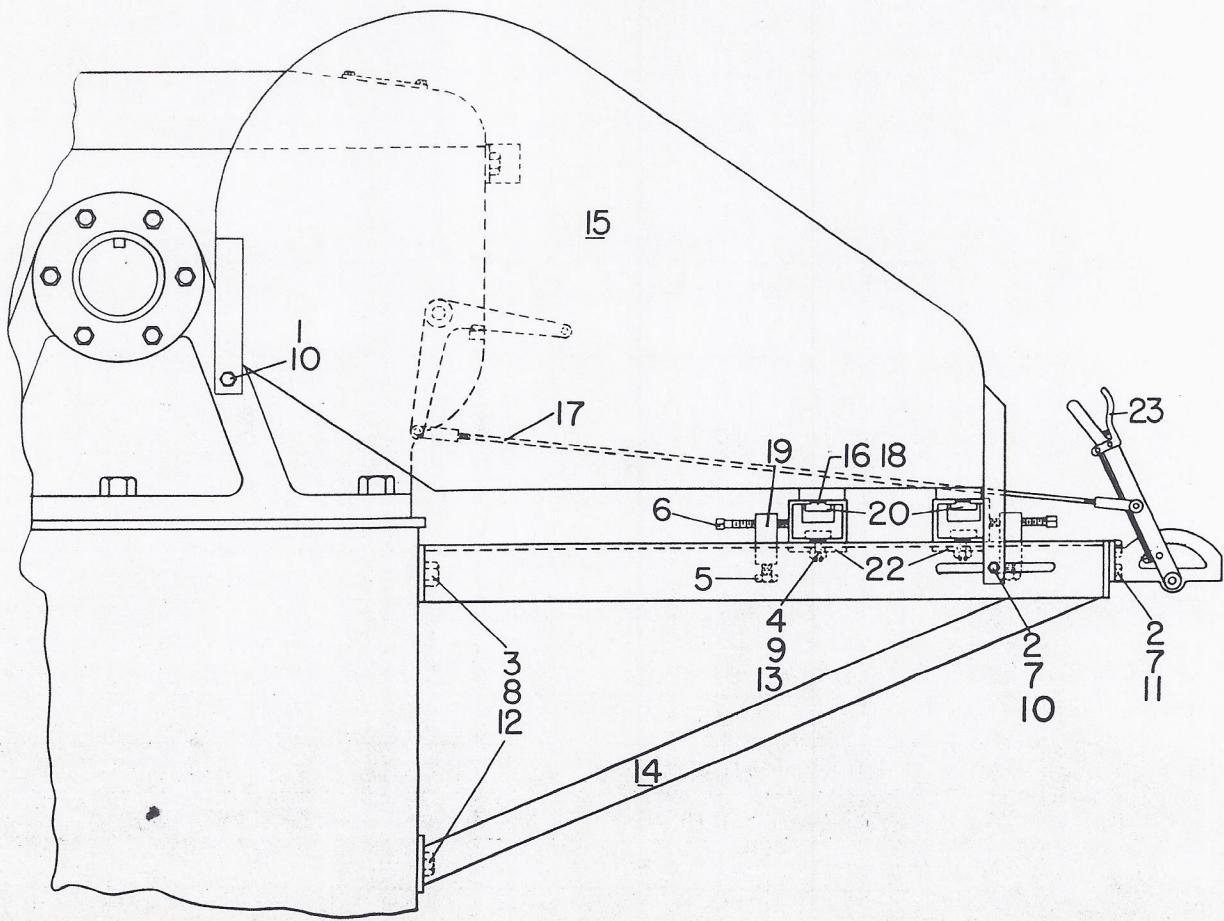
Drive Accessory No. 36-2A Type High Drive

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|-------------------------------------|
| 1 | 2 | 7000303-11 | 1/2"x1" Cap Screw |
| 2 | 3 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 3 | 5 | 7000438-11 | 3/4"x1 1/2" Cap Screw |
| 4 | 4 | 5500354 | 7/8"x2 1/2" Cap Screw - Square Head |
| | | | |
| | | | |
| | | | |
| 5 | 2 | 7016399 | 5/8"x2 1/2" Square head set screw |
| 6 | 2 | 7016421 | 5/8"x8" Square head set screw |
| | | | |
| 7 | 3 | 6300081 | 1/2" Hex nut |
| 8 | 5 | 6300121 | 3/4" Hex nut |
| 9 | 4 | 6300149 | 7/8" Hex nut |
| | | | |
| | | | |
| 10 | 3 | 7621034 | 1/2" Flat washer |
| | | | |
| | | | |
| 11 | 2 | 7619050 | 1/2" Spring lock washer |
| 12 | 5 | 7619066 | 3/4" Spring lock washer |
| 13 | 4 | 7619074 | 7/8" Spring lock washer |
| | | | |
| | | | |
| 14 | 1 | 1034070 | High Drive Platform |
| 15 | 1 | 1036104 | Belt Guard |
| 16 | 4 | 1091619 | Shim for Motor Bolt Head |
| 17 | 1 | 1093119 | Reach Rod - 7/16"x46 1/2" long |
| 18 | 4 | 1093192 | Shim for Motor Bolt |
| 19 | 2 | 1093203 | Rail Adj. Screw Body |
| 20 | 8 | 1093204 | Rail Bolt Washer |
| 21 | 2 | 1093210 | Motor Rails - 22" long |
| 22 | 4 | 1093213 | Rail Clamp - 2 1/2"x3-3/4" |
| 23 | 1 | 1093287 | Brake Lever - 14 1/2" long |
| | | | |
| | | | |
| | | | |

Drive Assesory No. 36-2A Type High Drive



RAIL ASSEMBLY FOR ELECTRIC
MOTOR OR MULTI-CYLINDER
ENGINE DRIVE.



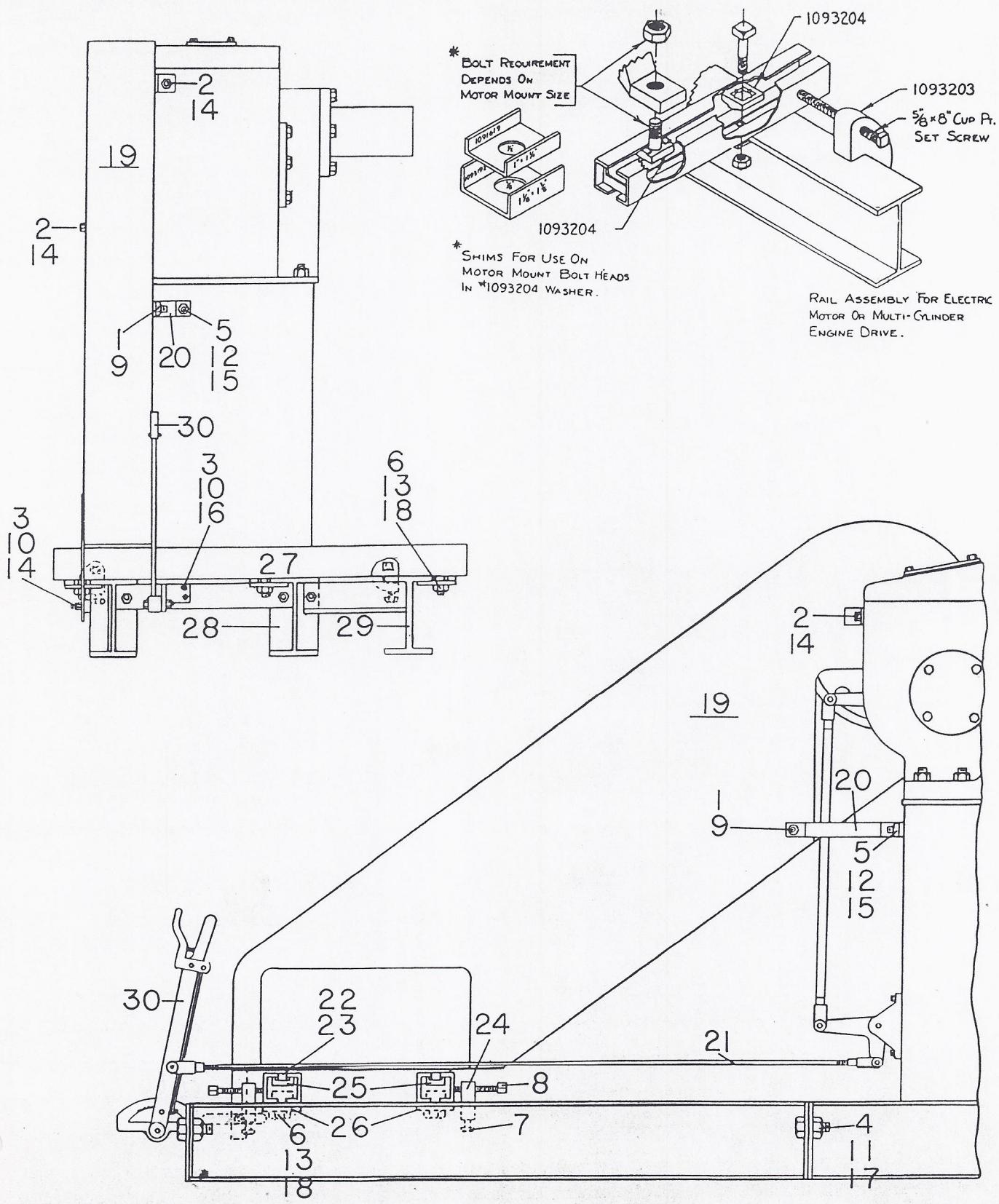
PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

Pumping Unit Size F114-173C-64 or F114-143C-74Drive Accessory No. 37-1C Type High Speed Engine

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|-------------------------------------|
| 1 | 1 | 7000206-11 | 3/8"x3 1/4" Cap Screw |
| 2 | 2 | 7000303-11 | 1/2"x1" Cap Screw |
| 3 | 3 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 4 | 4 | 7000397-11 | 5/8"x2" Cap Screw |
| 5 | 1 | 7000439-11 | 3/4"x1-3/4" Cap Screw |
| 6 | 6 | 5500354 | 7/8"x2 1/2" Cap Screw - Square Head |
| 7 | 2 | 7016399 | 5/8"x2 1/2" Square Head Set Screw |
| 8 | 2 | 7016421 | 5/8"x8" Square Head Set Screw |
| 9 | 1 | 6300060 | 3/8" Hex Nut |
| 10 | 3 | 6300081 | 1/2" Hex Nut |
| 11 | 4 | 6300103 | 5/8" Hex Nut |
| 12 | 1 | 6300121 | 3/4" Hex Nut |
| 13 | 6 | 6300149 | 7/8" Hex Nut |
| 14 | 3 | 7621034 | 1/2" Flat Washer |
| 15 | 1 | 7621044 | 3/4" Flat Washer |
| 16 | 2 | 7619050 | 1/2" Spring Lock Washer |
| 17 | 4 | 7619058 | 5/8" Spring Lock Washer |
| 18 | 6 | 7619074 | 7/8" Spring Lock Washer |
| 19 | 1 | 1037102 | Belt Guard |
| 20 | 1 | 1037155 | Belt Guard Brace |
| 21 | 1 | 1090689 | Reach Rod - 7/16"x7'6" Long |
| 22 | 4 | 1091619 | Shim for Motor Bolt Head |
| 23 | 4 | 1093192 | Shim for Motor Bolt Head |
| 24 | 2 | 1093203 | Rail Adj. Screw Body |
| 25 | 10 | 1093204 | Rail Bolt Washer |
| 26 | 6 | 1093205 | Rail Clamp - 2 1/2"x3-3/4" |
| 27 | 2 | 1093217 | Motor Rail - 4'8" Long |
| 28 | 1 | 1093245 | Extension Base |
| 29 | 1 | 1093247 | Outrigger for Base |
| 30 | 1 | 1093287 | Brake Lever - 14 1/2" Long |
| | | | * Bellcrank installed on unit |

Drive Assessor No. 37-1C Type High Speed Engine



PUMPING UNIT DRIVE ACCESSORIES

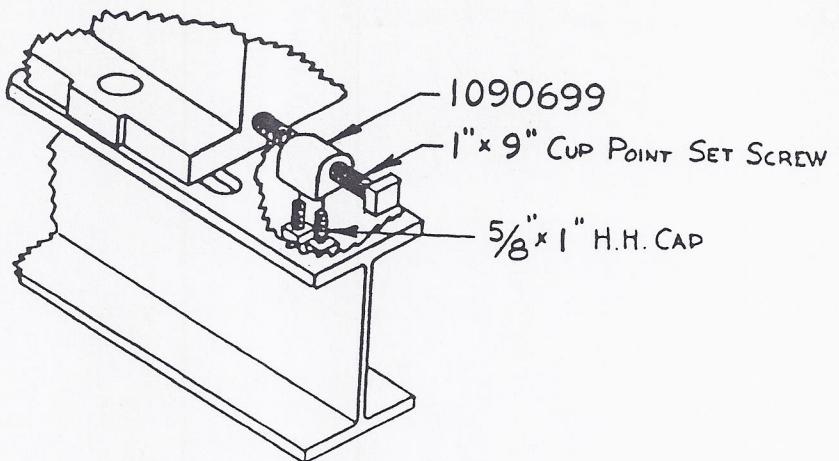
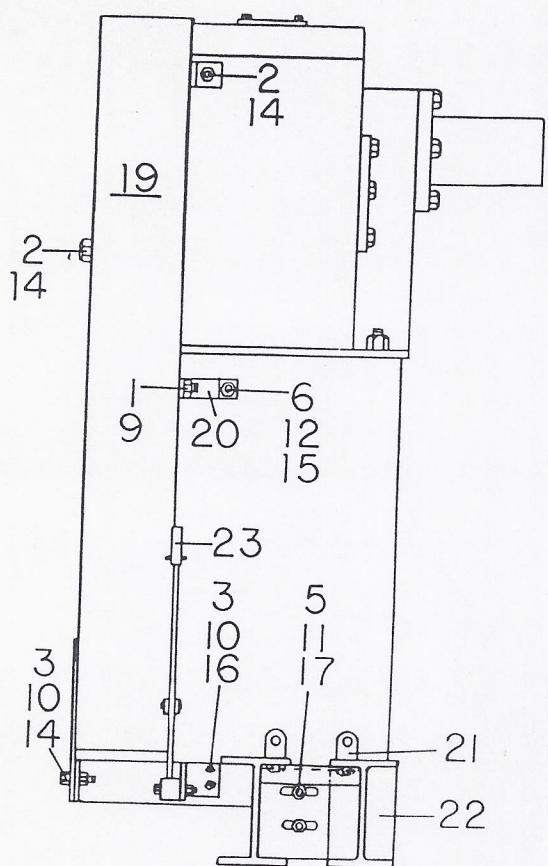
Shipped Separate Parts List

Pumping Unit Size F-114-173C-64 or F-114-143C-74

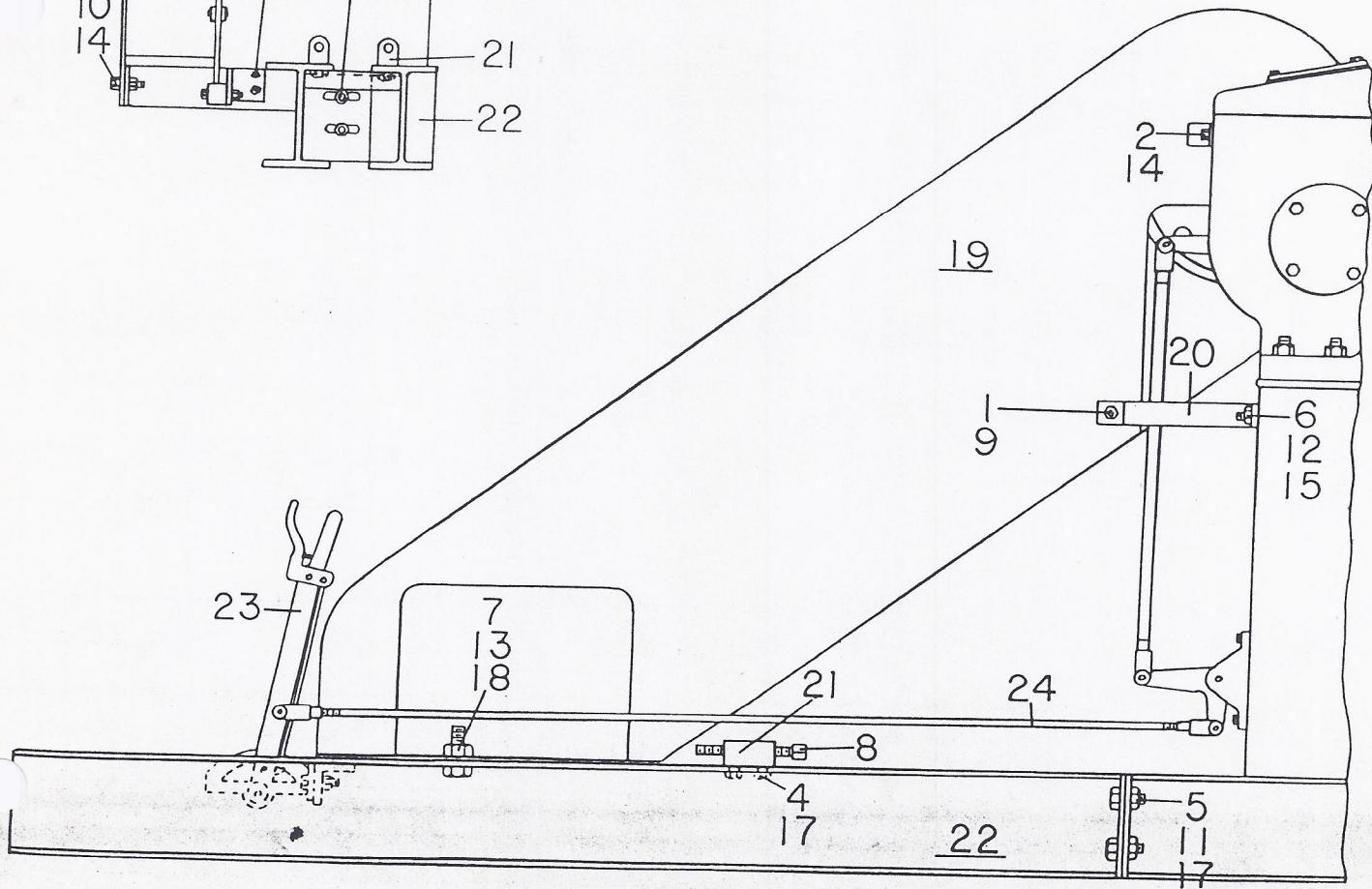
Drive Accessory No. 37-1D Type 8" Ajax Drive

| ITEM NO.. | QUANTITY | PART NUMBER | DESCRIPTION |
|-----------|----------|-------------|---|
| 1 | 1 | 7000206-11 | 3/8"x3/4" Cap Screw |
| 2 | 2 | 7000303-11 | 1/2"x1" Cap Screw |
| 3 | 3 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 4 | 4 | 7000393-11 | 5/8"x1" Cap Screw |
| 5 | 2 | 7000397-11 | 5/8"x2" Cap Screw |
| 6 | 1 | 7000439-11 | 3/4"x1-3/4" Cap Screw |
| 7 | 6 | 7000489-11 | 7/8"x4" Cap Screw |
| | | | |
| 8 | 2 | 7016550 | 1"x9" Square Head Set Screw |
| | | | |
| 9 | 1 | 6300060 | 3/8" Hex Nut |
| 10 | 3 | 6300081 | 1/2" Hex Nut |
| 11 | 2 | 6300103 | 5/8" Hex Nut |
| 12 | 1 | 6300121 | 3/4" Hex Nut |
| 13 | 6 | 6300149 | 7/8" Hex Nut |
| | | | |
| 14 | 3 | 7621034 | 1/2" Flat Washer |
| 15 | 1 | 7621044 | 3/4" Flat Washer |
| | | | |
| 16 | 2 | 7619050 | 1/2" Spring Lock Washer |
| 17 | 6 | 7619058 | 5/8" Spring Lock Washer |
| 18 | 6 | 7619074 | 7/8" Spring Lock Washer |
| | | | |
| 19 | 1 | 1037102 | Belt Guard |
| 20 | 1 | 1037155 | Belt Guard Brace |
| 21 | 2 | 1090699 | Adj. Screw Body |
| 22 | 1 | 1093279 | Extension Base |
| 23 | 1 | 1093287 | Brake Lever - 14 1/2" Long |
| 24 | 1 | 1093331 | Reach Rod - 7/16"x6'7 1/2" Long *Bellcrank installed on unit |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Drive Accessory No. 37-1D Type 8" Ajax Drive



ADJUSTING SCREW ASSEMBLY
FOR AJAX OR OTHER ENGINES.



PUMPING UNIT DRIVE ACCESSORIES

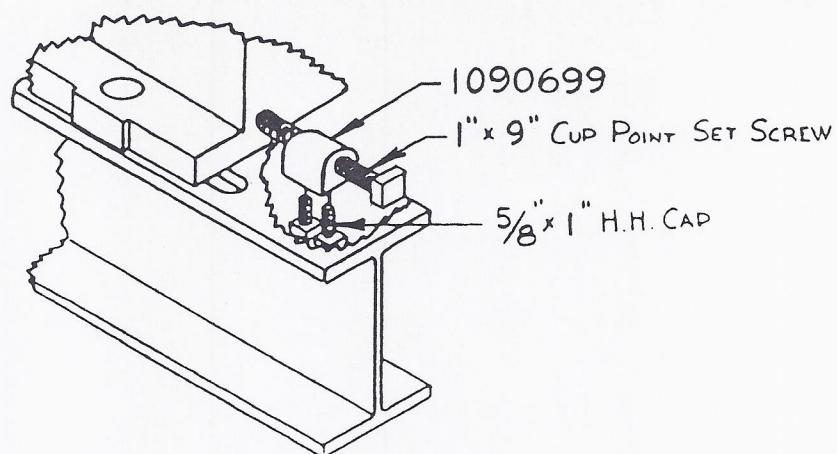
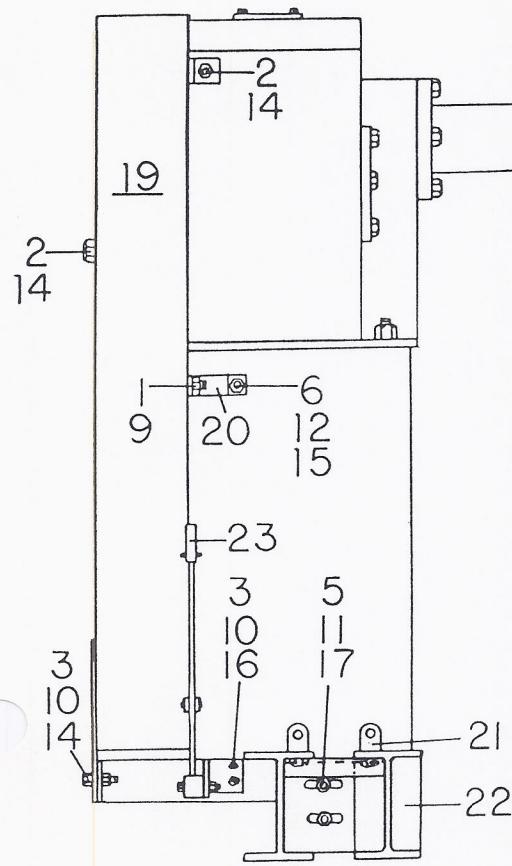
Shipped Separate Parts List

Pumping Unit Size F114-173C-64 or F-114-143C-74

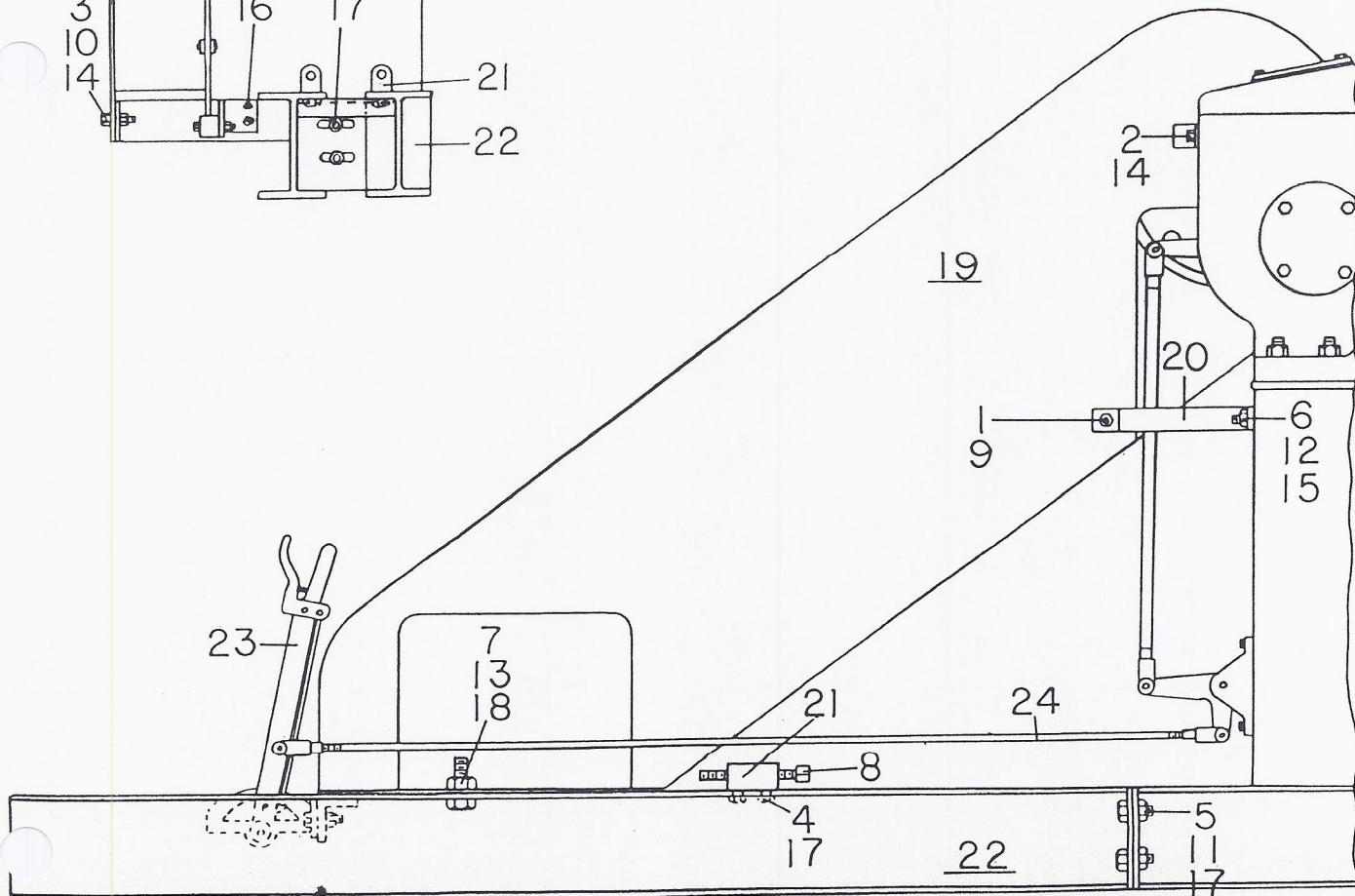
Drive Accessory No. 37-1H Type WL - Ajax Drive

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|--|
| 1 | 1 | 7000206-11 | 3/8"x3/4" Cap Screw |
| 2 | 2 | 7000303-11 | 1/2"x1" Cap Screw |
| 3 | 3 | 7000305-11 | 5/8"x1 1/2" Cap Screw |
| 4 | 4 | 7000393-11 | 5/8"x1" Cap Screw |
| 5 | 2 | 7000397-11 | 5/8"x2" Cap Screw |
| 6 | 1 | 7000439-11 | 3/4"x1-3/4" Cap Screw |
| 7 | 4 | 7000487-10 | 7/8"x3 1/2" Cap Screw |
| 8 | 2 | 7016550 | 1"x9" Square Head Set Screw |
| 9 | 1 | 6300060 | 3/8" Hex Nut |
| 10 | 3 | 6300081 | 1/2" Hex Nut |
| 11 | 2 | 6300103 | 5/8" Hex Nut |
| 12 | 1 | 6300121 | 3/4" Hex Nut |
| 13 | 4 | 6300149 | 7/8" Hex Nut |
| 14 | 3 | 7621034 | 1/8" Flat Washer |
| 15 | 1 | 7621044 | 3/4" Flat Washer |
| 16 | 2 | 7619050 | 1/8" Lock Washer |
| 17 | 6 | 7619058 | 5/8" Lock Washer |
| 18 | 4 | 7619074 | 7/8" Lock Washer |
| 19 | 1 | 1037102 | Belt Guard |
| 20 | 1 | 1037155 | Belt Guard Brace |
| 21 | 2 | 1090699 | Adj. Screw Body |
| 22 | 1 | 1093297 | Extension Base |
| 23 | 1 | 1093287 | Brake Lever - 14 1/2" Long |
| 24 | 1 | 1093331 | Reach Rod - 7/16"x6'7 1/2" Long * Bellcrank installed on unit |

Drive Accessory No. 37-1H Type WL — Ajax Drive



ADJUSTING SCREW ASSEMBLY
FOR AJAX OR OTHER ENGINES.



PUMPING UNIT DRIVE ACCESSORIES

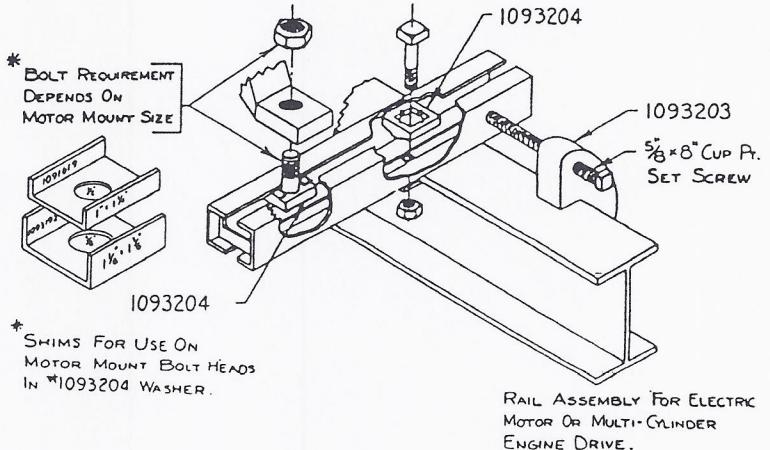
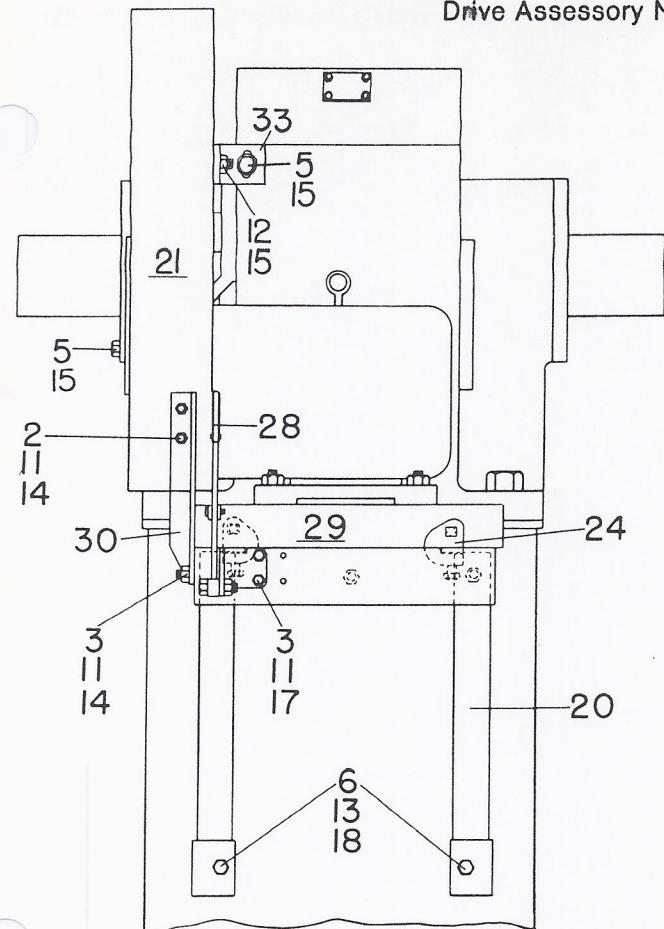
Shipped Separate Parts List

Pumping Unit Size F160-200C-74 or F160-173C-86

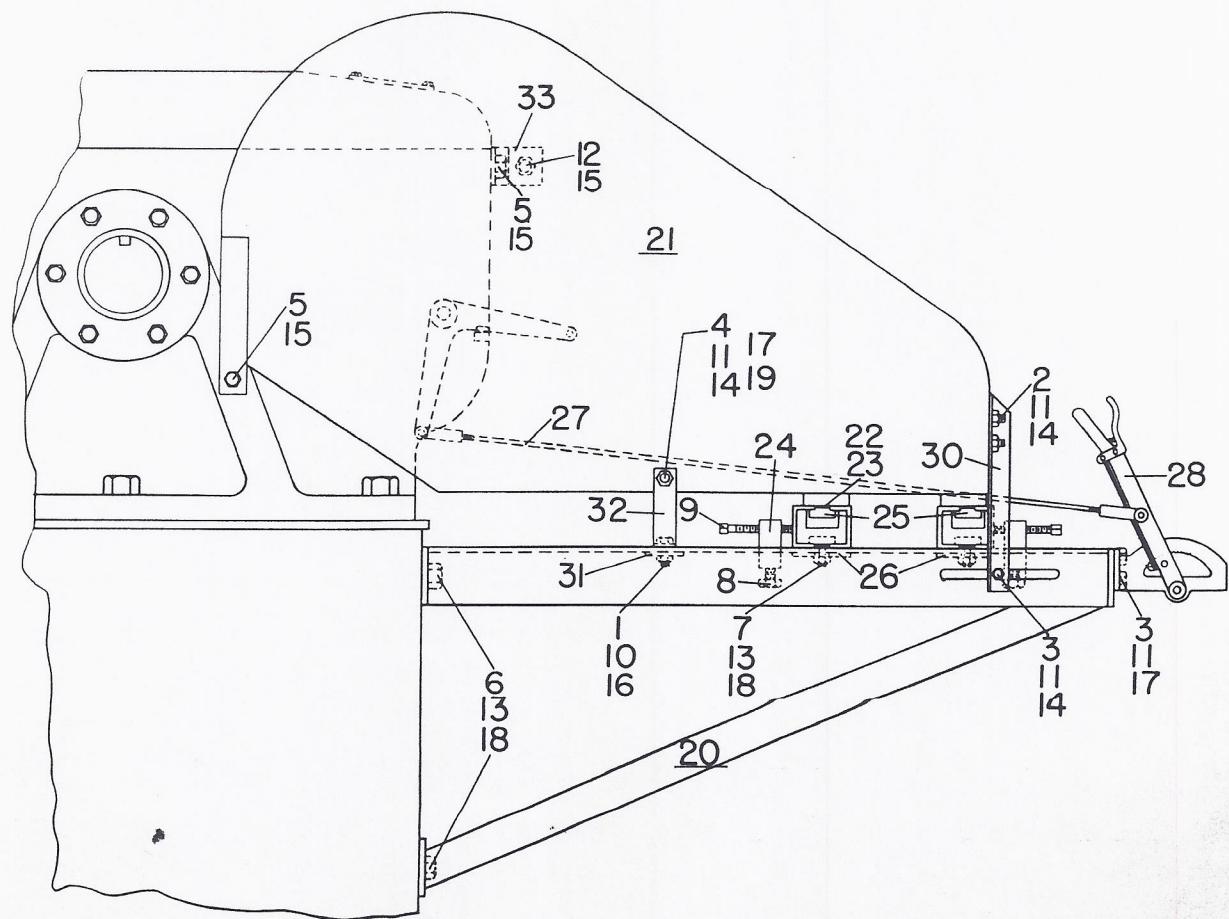
Drive Accessory No. 37-2A Type High Drive

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|----------------------------------|
| 1 | 1 | 7000210-11 | 3/8"x1½" Cap Screw |
| 2 | 2 | 7000303-11 | ½"x1" Cap Screw |
| 3 | 3 | 7000305-11 | ½"x1½" Cap Screw |
| 4 | 1 | 5501331 | ½"x8½" Cap Screw |
| 5 | 2 | 7000394-11 | 5/8"x1¼" Cap Screw |
| 6 | 5 | 7000483-10 | 7/8"x2¼" Cap Screw |
| 7 | 4 | 5500354 | 7/8"x2½" Cap Screw - Square Head |
| 8 | 2 | 7016399 | 5/8"x2½" Square Head Set Screw |
| 9 | 2 | 7016421 | 5/8"x8" Square Head Set Screw |
| 10 | 1 | 6300060 | 3/8" Hex Nut |
| 11 | 5 | 6300081 | ½" Hex Nut |
| 12 | 1 | 6300103 | 5/8" Hex Nut |
| 13 | 9 | 6300149 | 7/8" Hex Nut |
| 14 | 5 | 7621034 | ½" Flat Washer |
| 15 | 3 | 7621042 | 5/8" Flat Washer |
| 16 | 1 | 7619041 | 3/8" Spring Lock Washer |
| 17 | 3 | 7619050 | ½" Spring Lock Washer |
| 18 | 9 | 7619074 | 7/8" Spring Lock Washer |
| 19 | 1 | | ½" Pipe - 7½" Long |
| 20 | 1 | 1037078 | High Drive Platform |
| 21 | 1 | 1037104 | Belt Guard |
| 22 | 4 | 1091619 | Shim for Motor Bolt Head |
| 23 | 4 | 1093192 | Shim for Motor Bolt Head |
| 24 | 2 | 1093203 | Rail Adj. Screw Body |
| 25 | 8 | 1093204 | Rail Bolt Washer |
| 26 | 4 | 1093213 | Rail Clamp - 2½"x3-3/4" |
| 27 | 1 | 1093292 | Reach Rod - 5/8"x56" Long |
| 28 | 1 | 1093293 | Brake Lever - 24" Long |
| 29 | 2 | 1093294 | Motor Rail - 27" Long |
| 30 | 1 | 1093361 | Belt Guard Angle - 14" Long |
| 31 | 1 | 1093362 | Rail Clamp - 2"x3" |
| 32 | 1 | 1093363 | Belt Guard Center Support |
| 33 | 1 | 1093368 | Belt Guard Bracket - 2½" Long |

Drive Assessor No. 37-2A Type High Drive



RAIL ASSEMBLY FOR ELECTRIC
MOTOR OR MULTI-CYLINDER
ENGINE DRIVE.



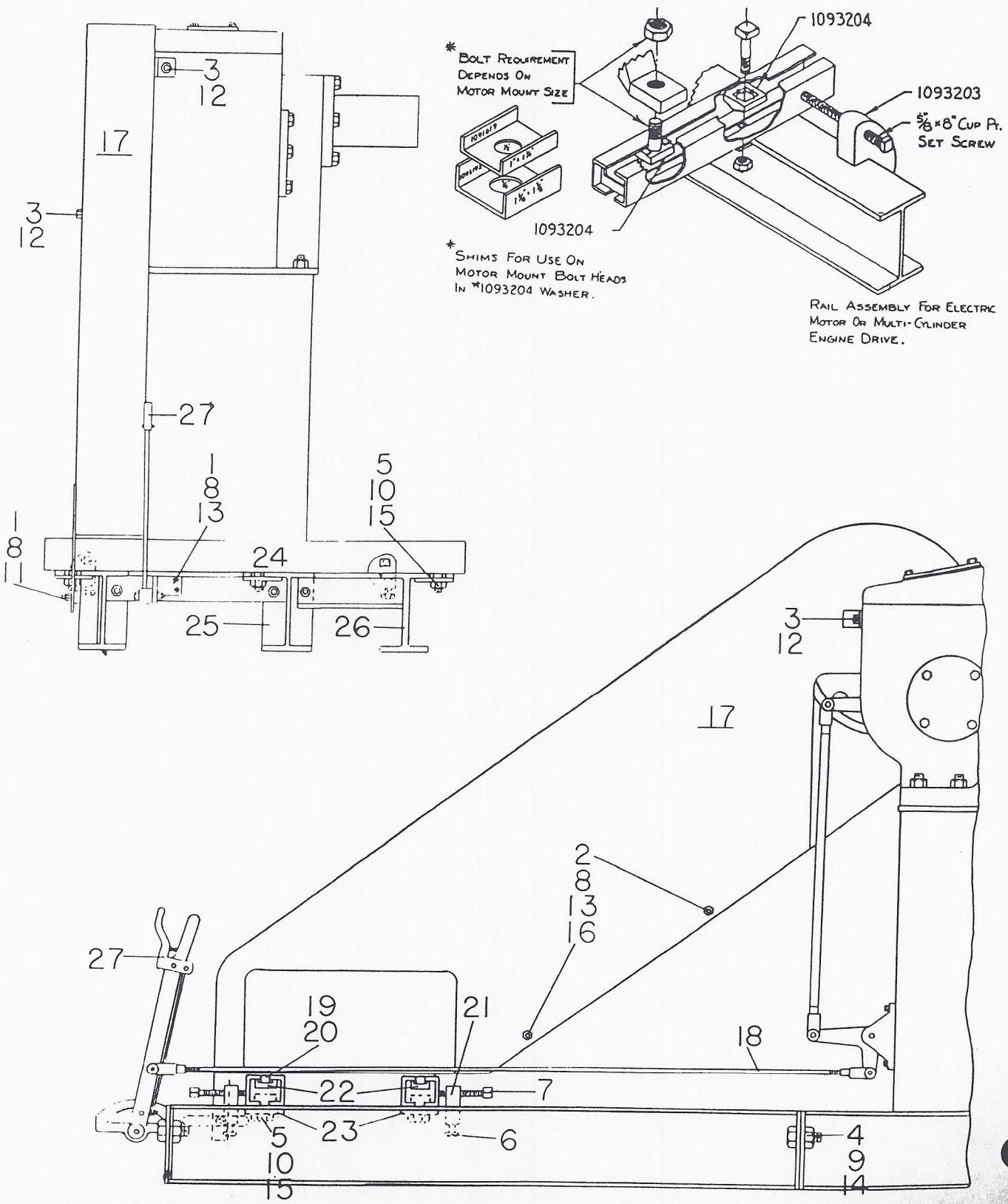
PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

Pumping Unit Size F160-200C-74 or F160-173C-86
 Drive Accessory No. 38-1C Type High Speed Engine

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|-------------------------------------|
| 1 | 3 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 2 | 2 | 5501331 | 1/2"x8 1/2" Cap Screw |
| 3 | 2 | 7000394-11 | 5/8"x1 1/4" Cap Screw |
| 4 | 4 | 7000397-11 | 5/8"x2" Cap Screw |
| 5 | 6 | 5500354 | 7/8"x2 1/2" Cap Screw - Square Head |
| | | | |
| 6 | 2 | 7016399 | 5/8"x2 1/2" Square Head Set Screw |
| 7 | 2 | 7016421 | 5/8"x8" Square Head Set Screw |
| | | | |
| 8 | 5 | 6300081 | 1/2" Hex Nut |
| 9 | 4 | 6300103 | 5/8" Hex Nut |
| 10 | 6 | 6300149 | 7/8" Hex Nut |
| | | | |
| 11 | 2 | 7621034 | 1/2" Flat Washer |
| 12 | 2 | 7621042 | 5/8" Flat Washer |
| | | | |
| 13 | 4 | 7619050 | 1/2" Spring Lock Washer |
| 14 | 4 | 7619058 | 5/8" Spring Lock Washer |
| 15 | 6 | 7619074 | 7/8" Spring Lock Washer |
| | | | |
| 16 | 2 | | 1/2" Pipe - 7 1/2" Long |
| | | | |
| 17 | 1 | 1038103 | Belt Guard |
| 18 | 1 | 1090939 | Reach Rod - 5/8"x8'5" |
| 19 | 4 | 1091619 | Shim for Motor Bolt Head |
| 20 | 4 | 1093191 | Shim for Motor Bolt Head |
| 21 | 2 | 1093203 | Rail Adj. Screw Body |
| 22 | 10 | 1093204 | Rail Bolt Washer |
| 23 | 6 | 1093205 | Rail Clamp - 2 1/2"x3-3/4" |
| 24 | 2 | 1093217 | Motor Rail - 4'8" Long |
| 25 | 1 | 1093246 | Extension Base |
| 26 | 1 | 1093247 | Outrigger for Base |
| 27 | 1 | 1093293 | Brake Lever - 24" Long |
| | | | * Bellcrank installed on unit |
| | | | |

Drive Assessor No. 38-1C Type High Speed Engine



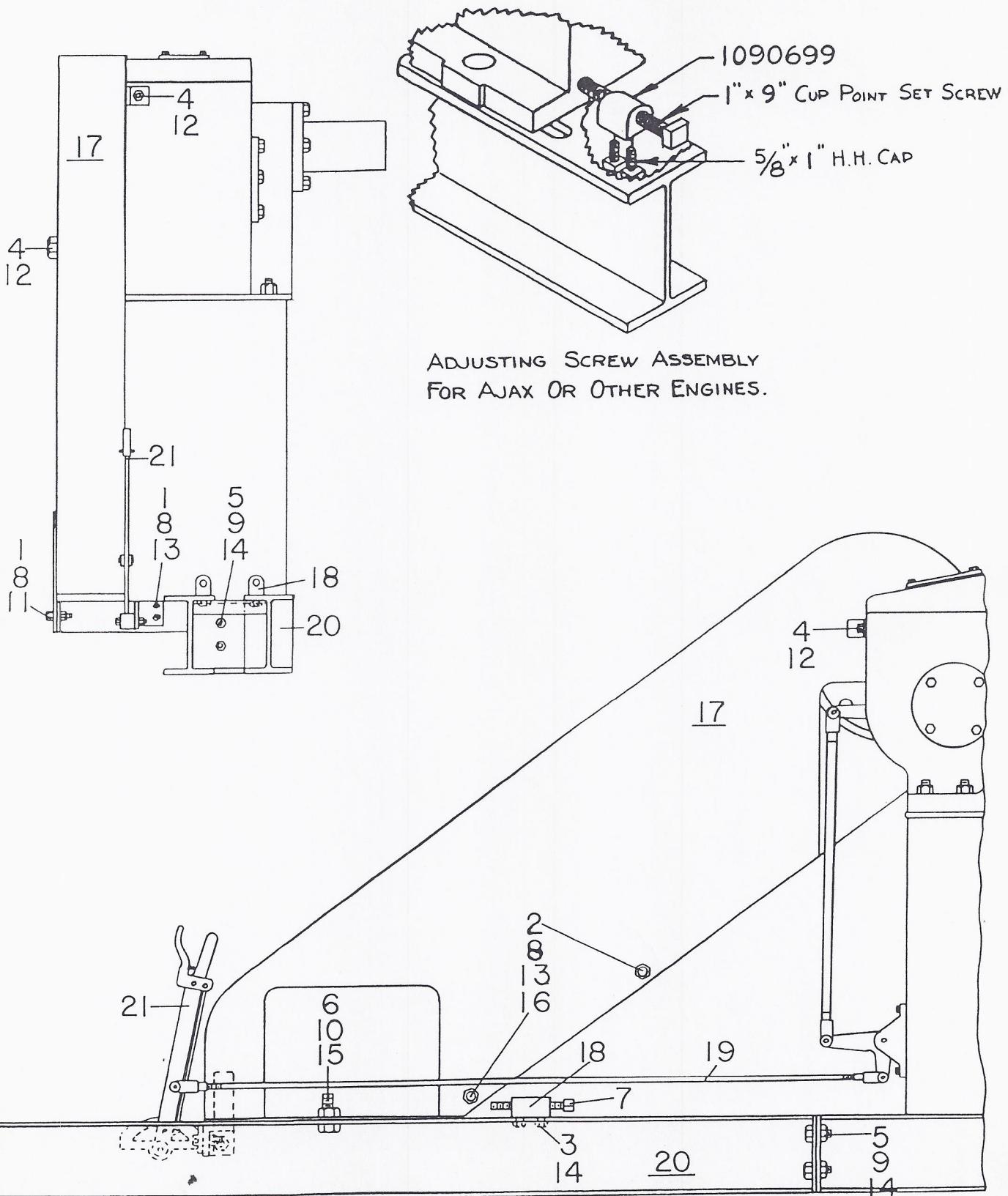
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Shipped Separate Parts List

Pumping Unit Size F160-200C-74 or F160-173C-86

Drive Accessory No. 38-1F Type 8" Ajax Drive

Drive Assessor No. 38-1F Type 8" Ajax Drive

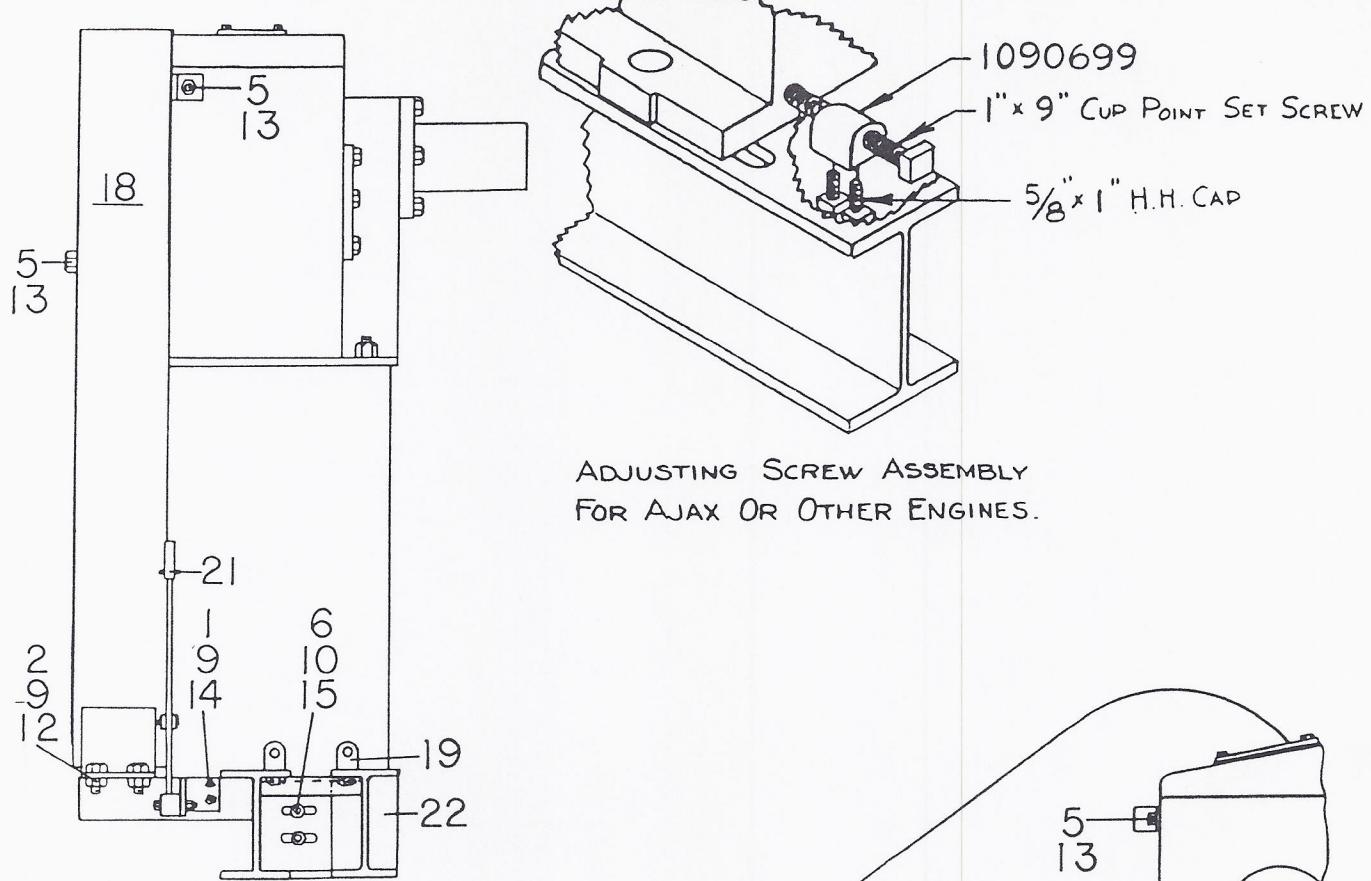


PUMPING UNIT DRIVE ACCESSORIES

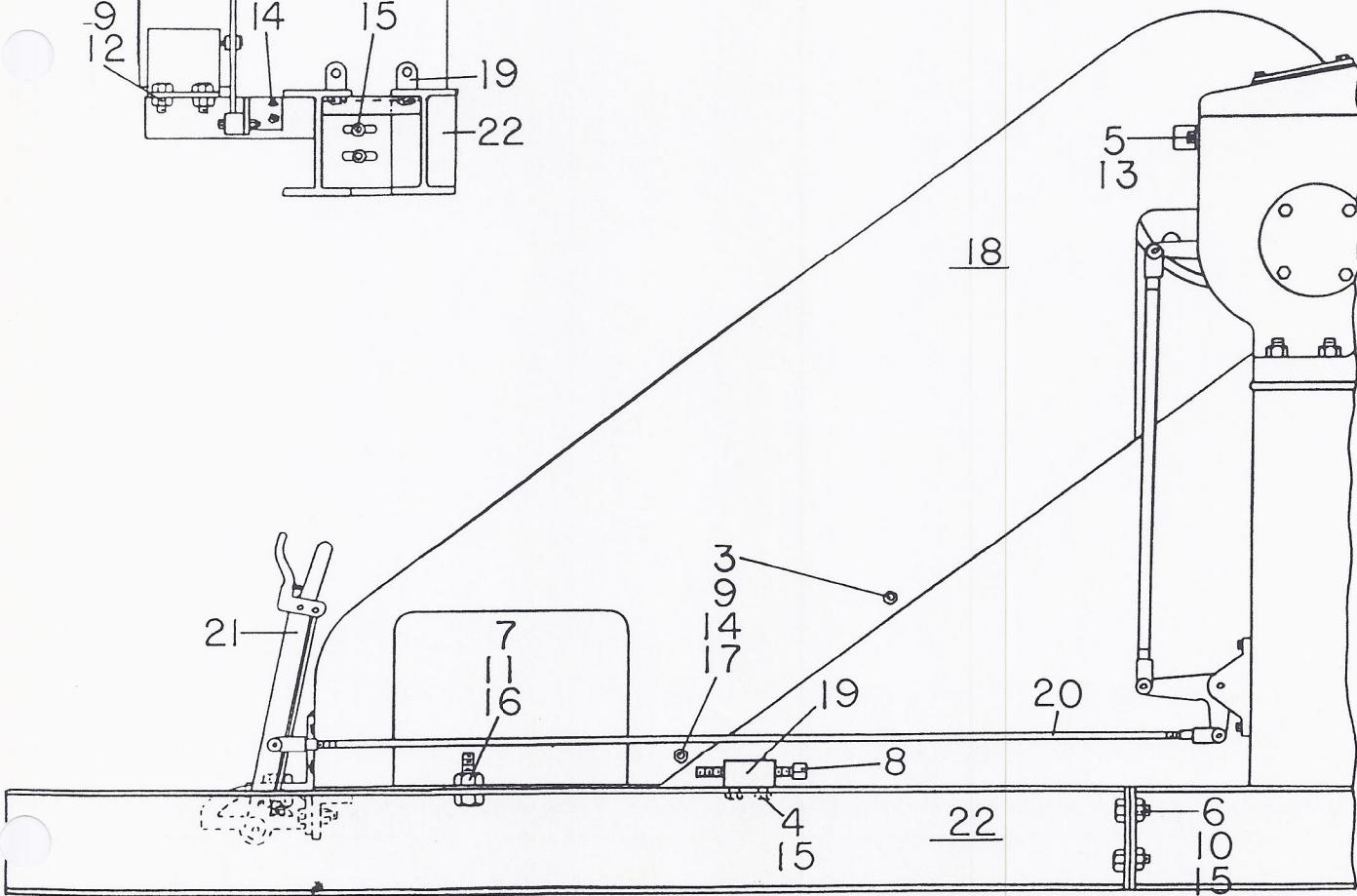
* Shipped Separate Parts List
Jumping Unit Size F160-200C-74 or F160-173C-86
Drive Accessory No. 38-1H Type 10" Ajax Drive

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|---|
| 1 | 2 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 2 | 2 | 7000306-11 | 1/2"x1-3/4" Cap Screw |
| 3 | 2 | 5501331 | 1"x8 1/2" Cap Screw |
| 4 | 4 | 7000393-11 | 5/8"x1" Cap Screw |
| 5 | 2 | 7000394-11 | 5/8"x1 1/4" Cap Screw |
| 6 | 2 | 7000397-11 | 5/8"x2" Cap Screw |
| 7 | 6 | 7000489-11 | 7/8"x4" Cap Screw |
| 8 | 2 | 7016550 | 1"x9" Square Head Set Screw |
| 9 | 6 | 6300081 | 1/2" Hex Nut |
| 10 | 2 | 6300103 | 5/8" Hex Nut |
| 11 | 6 | 6300149 | 7/8" Hex Nut |
| 12 | 4 | 7621034 | 1/2" Flat Washer |
| 13 | 2 | 7621042 | 5/8" Flat Washer |
| 14 | 4 | 7619050 | 1/2" Spring Lock Washer |
| 15 | 6 | 7619058 | 5/8" Spring Lock Washer |
| 16 | 6 | 7619074 | 7/8" Spring Lock Washer |
| 17 | 2 | | 1/2" Pipe - 7 1/2" Long |
| 18 | 1 | 1038116 | Belt Guard |
| 19 | 2 | 1090699 | Adj. Screw Body |
| 20 | 1 | 1092919 | Reach Rod - 5/8"x8'9" Long |
| 21 | 1 | 1093293 | Brake Lever - 24" Long |
| 22 | 1 | 1093298 | Extension Base * Bellcrank installed on unit |

Drive Accessory No. 38-1H Type 10" Ajax Drive



ADJUSTING SCREW ASSEMBLY
FOR AJAX OR OTHER ENGINES.



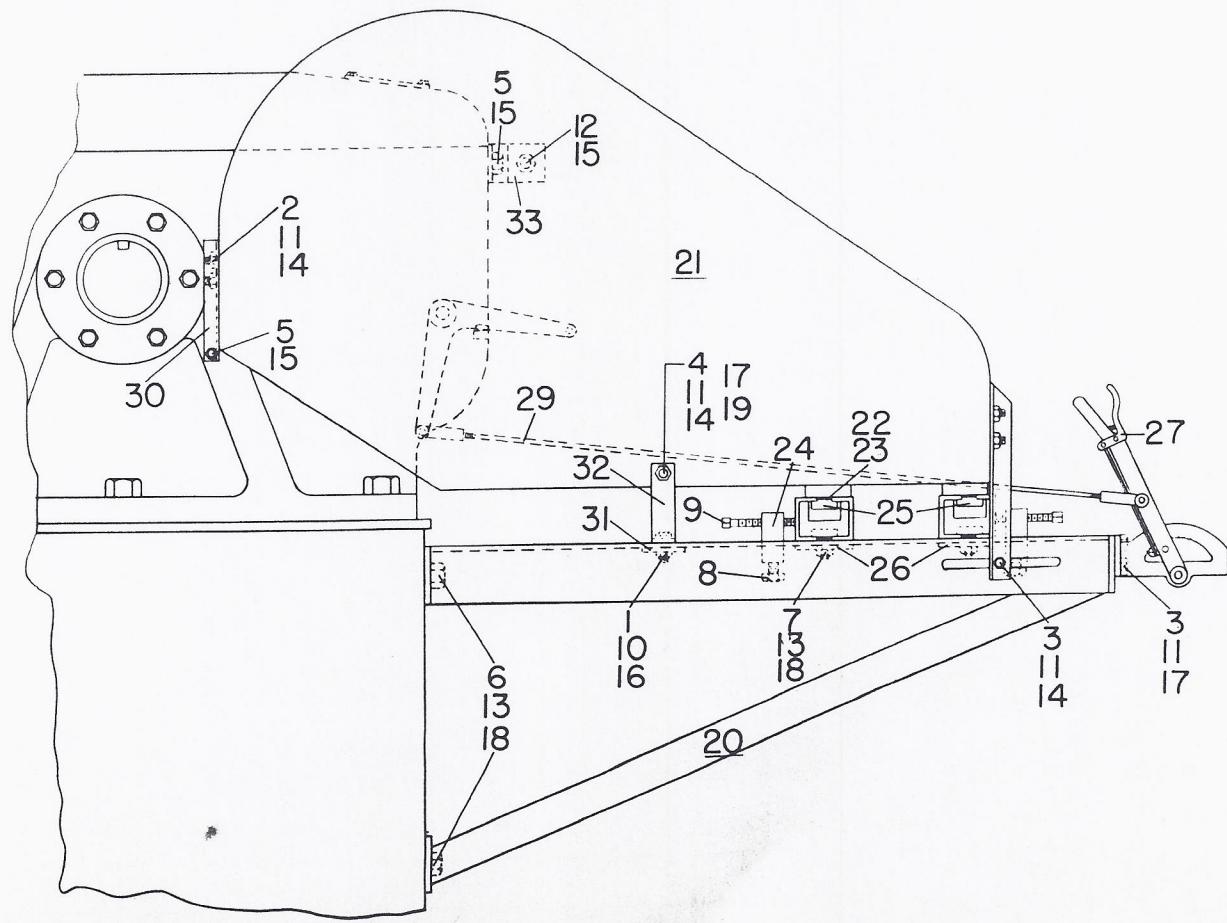
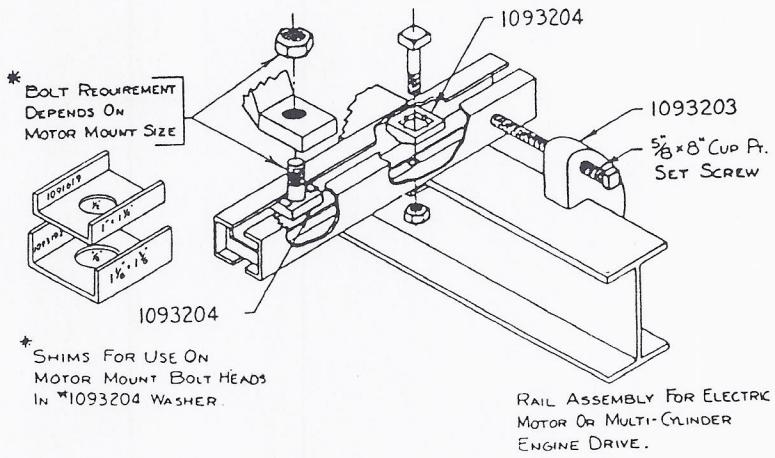
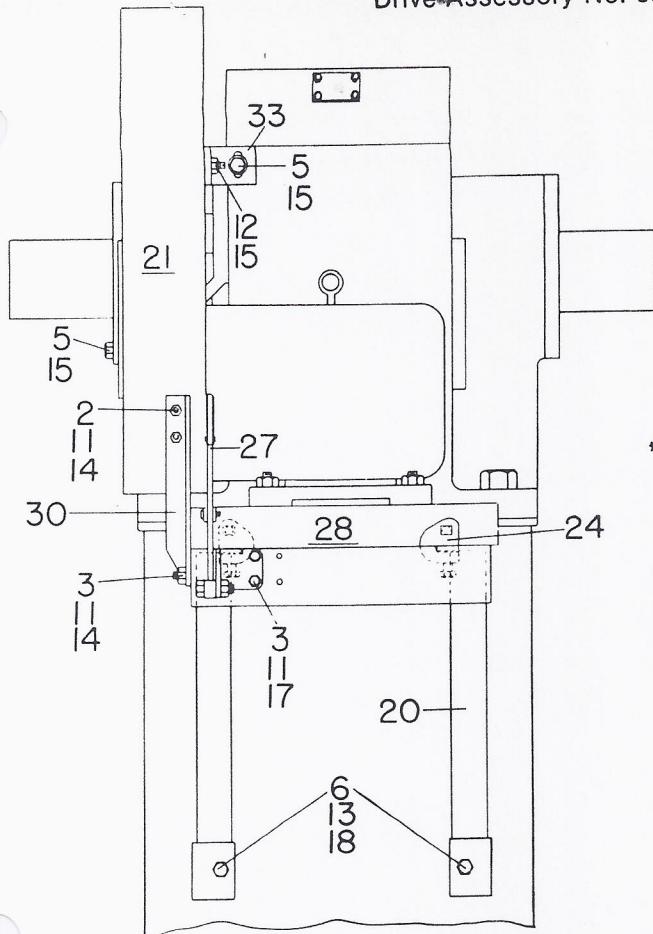
PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

Pumping Unit Size F228-246C-86 or F228-213C-100Drive Accessory No. 38-2A Type High Drive

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|----------------------------------|
| 1 | 1 | 7000210-11 | 3/8"x1½" Cap Screw |
| 2 | 4 | 7000303-11 | ½"x1" Cap Screw |
| 3 | 3 | 7000305-11 | ½"x1½" Cap Screw |
| 4 | 1 | 5501331 | ½"x8½" Cap Screw |
| 5 | 2 | 7000394-11 | 5/8"x1¼" Cap Screw |
| 6 | 5 | 7000482-10 | 7/8"x2½" Cap Screw |
| 7 | 4 | 5500354 | 7/8"x2½" Cap Screw - Square Head |
| 8 | 2 | 7016399 | 5/8"x2½" Square Head Set Screw |
| 9 | 2 | 7016421 | 5/8"x8" Square Head Set Screw |
| 10 | 1 | 6300060 | 3/8" Hex Nut |
| 11 | 8 | 6300081 | ½" Hex Nut |
| 12 | 1 | 6300103 | 5/8" Hex Nut |
| 13 | 9 | 6300149 | 7/8" Hex Nut |
| 14 | 7 | 7621034 | ½" Flat Washer |
| 15 | 3 | 7621042 | 5/8" Flat Washer |
| 16 | 1 | 7619041 | 3/8" Spring Lock Washer |
| 17 | 3 | 7619050 | ½" Spring Lock Washer |
| 18 | 9 | 7619074 | 7/8" Spring Lock Washer |
| 19 | 1 | | ½" Pipe - 7-1/8" Long |
| 20 | 1 | 1037078 | High Drive Platform |
| 21 | 1 | 1038104 | Belt Guard |
| 22 | 4 | 1091619 | Shim for Motor Bolt Head |
| 23 | 4 | 1093192 | Shim for Motor Bolt Head |
| 24 | 2 | 1093203 | Rail Adj. Screw Body |
| 25 | 8 | 1093204 | Rail Bolt Washer |
| 26 | 4 | 1093213 | Rail Clamp - 2½"x3-3/4" |
| 27 | 1 | 1093293 | Brake Lever - 24" Long |
| 28 | 2 | 1093294 | Motor Rail - 27" Long |
| 29 | 1 | 1093333 | Reach Rod - 5/8"x54" Long |
| 30 | 2 | 1093361 | Belt Guard Angle - 14" Long |
| 31 | 1 | 1093362 | Rail Clamp - 2"x3" |
| 32 | 1 | 1093363 | Belt Guard Middle Bracket |
| 33 | 1 | 1093368 | Belt Guard Bracket - 2½" Long |

Drive Accessory No. 38-2A Type High Drive



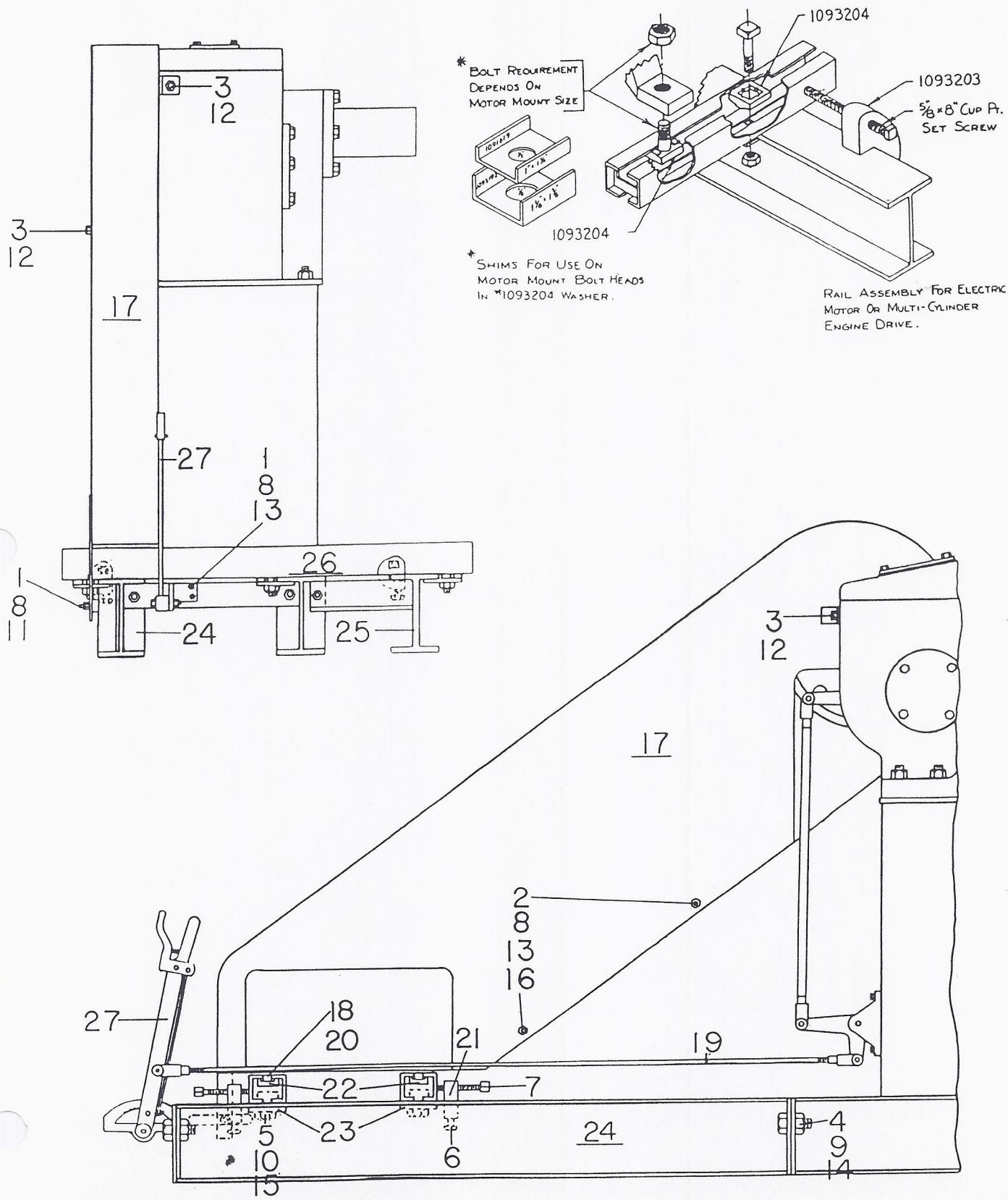
PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

Pumping Unit Size F228-246C-86 or F228-213C-100Drive Accessory No. 39-1C Type High Speed Engine

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|---|
| 1 | 3 | 7000305-11 | $\frac{1}{2}'' \times 1\frac{1}{2}''$ Cap Screw |
| 2 | 2 | 5501331 | $\frac{1}{2}'' \times 8\frac{1}{2}''$ Cap Screw |
| 3 | 2 | 7000394-11 | $5/8'' \times 1\frac{1}{4}''$ Cap Screw |
| 4 | 4 | 7000397-11 | $5/8'' \times 2''$ Cap Screw |
| 5 | 6 | 5500354 | $7/8'' \times 2\frac{1}{2}''$ Cap Screw - Square Head |
| 6 | 2 | 7016399 | $5/8'' \times 2\frac{1}{2}''$ Square Head Set Screw |
| 7 | 2 | 7016421 | $5/8'' \times 8''$ Square Head Set Screw |
| 8 | 5 | 6300081 | $\frac{1}{2}''$ Hex Nut |
| 9 | 4 | 6300103 | $5/8''$ Hex Nut |
| 10 | 6 | 6300149 | $7/8''$ Hex Nut |
| 11 | 2 | 7621034 | $\frac{1}{2}''$ Flat Washer |
| 12 | 2 | 7621042 | $5/8''$ Flat Washer |
| 13 | 4 | 7619050 | $\frac{1}{2}''$ Spring Lock Washer |
| 14 | 4 | 7619058 | $5/8''$ Spring Lock Washer |
| 15 | 6 | 7619074 | $7/8''$ Spring Lock Washer |
| 16 | 2 | | $\frac{1}{2}''$ Pipe - $7\frac{1}{2}''$ Long |
| 17 | 1 | 1039101 | Belt Guard |
| 18 | 4 | 1091619 | Shim for Motor Bolt Head |
| 19 | 1 | 1092979 | Reach Rod - $5/8'' \times 8' 9''$ |
| 20 | 4 | 1093192 | Shim for Motor Bolt Head |
| 21 | 2 | 1093203 | Rail Adj. Screw Body |
| 22 | 10 | 1093204 | Rail Bolt Washer |
| 23 | 6 | 1093205 | Rail Clamp - $2\frac{1}{2}'' \times 3-3/4''$ |
| 24 | 1 | 1093246 | Extension Base |
| 25 | 1 | 1093247 | Outrigger for Base |
| 26 | 2 | 1093282 | Motor Rail - $63''$ Long |
| 27 | 1 | 1093293 | Brake Lever - $24''$ Long |
| | | | * Bellcrank installed on unit |

Drive Assessor No. 39-1C Type High Speed Engine

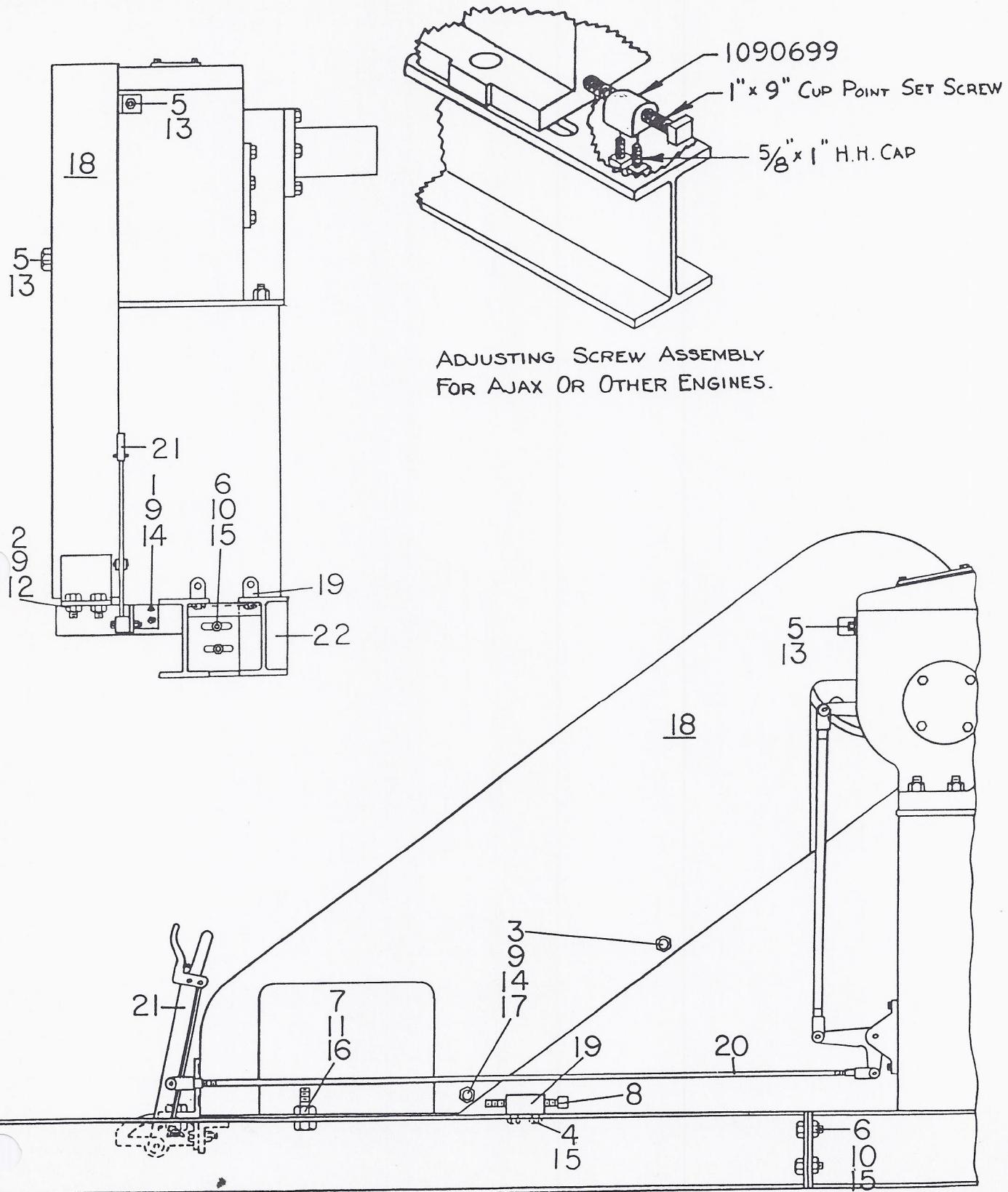


PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

Pumping Unit Size F228-246C-86 or F228-213C-100
Drive Accessory No. 39-1E Type 8" Ajax Drive

Drive Assessor No. 39-1E Type 8" Ajax Drive



THE END OF THE EPIGRAPHIC RECORDS

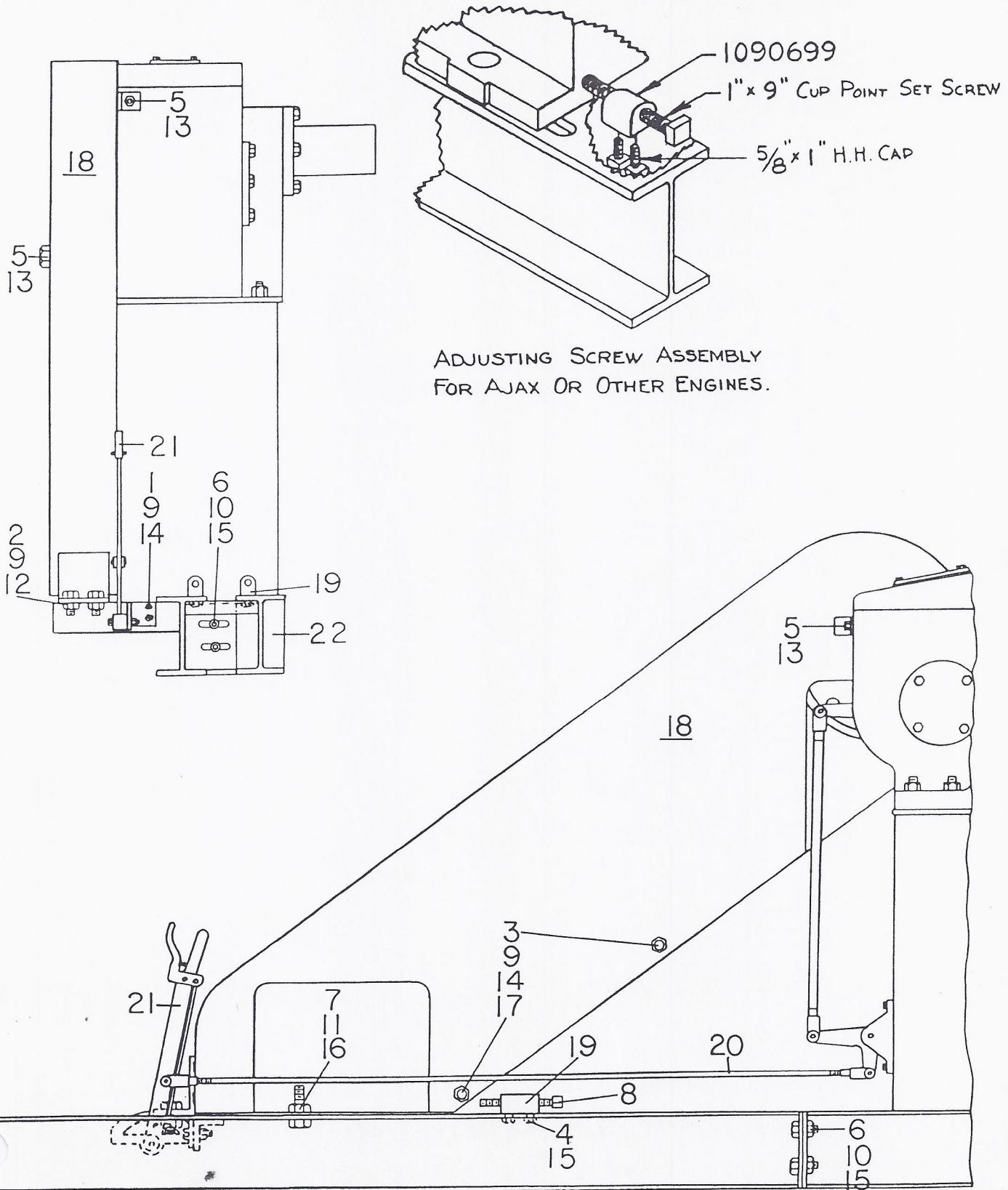
Shipped Separate Parts List

Pumping Unit Size F228-246C-86 or F228-213C-100

Drive Accessory No. 39-1D Type 10" Ajax Drive

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|---|
| 1 | 2 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 2 | 2 | 7000306-11 | 1/2"x1-3/4" Cap Screw |
| 3 | 2 | 5501331 | 1/2"x8 1/2" Cap Screw |
| 4 | 4 | 7000393-11 | 5/8"x1" Cap Screw |
| 5 | 2 | 7000394-11 | 5/8"x1 1/2" Cap Screw |
| 6 | 2 | 7000397-11 | 5/8"x2" Cap Screw |
| 7 | 6 | 7000489-11 | 7/8"x4" Cap Screw |
| 8 | 2 | 7016550 | 1"x9" Square Head Set Screw |
| 9 | 6 | 6300081 | 1/2" Hex Nut |
| 10 | 2 | 6300103 | 5/8" Hex Nut |
| 11 | 6 | 6300149 | 7/8" Hex Nut |
| 12 | 4 | 7621034 | 1/2" Flat Washer |
| 13 | 2 | 7621042 | 5/8" Flat Washer |
| 14 | 4 | 7619050 | 1/2" Spring Lock Washer |
| 15 | 6 | 7619058 | 5/8" Spring Lock Washer |
| 16 | 6 | 7619074 | 7/8" Spring Lock Washer |
| 17 | 2 | | 1/2" Pipe - 7 1/2" Long |
| 18 | 1 | 1039102 | Belt Guard |
| 19 | 2 | 1090699 | Adj. Screw Body |
| 20 | 1 | 1091229 | Reach Rod - 5/8"x8'11" |
| 21 | 1 | 1093293 | Brake Lever - 24" Long |
| 22 | 1 | 1093298 | Extension Base * Bellcrank installed on unit |

Drive Assessor No. 39-1D Type 10" Ajax Drive

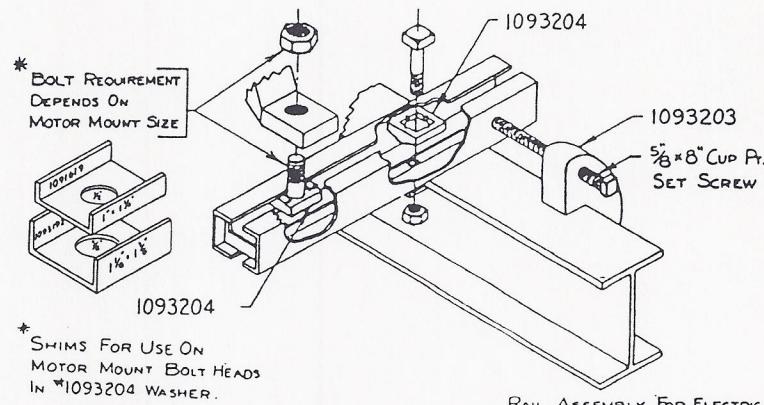
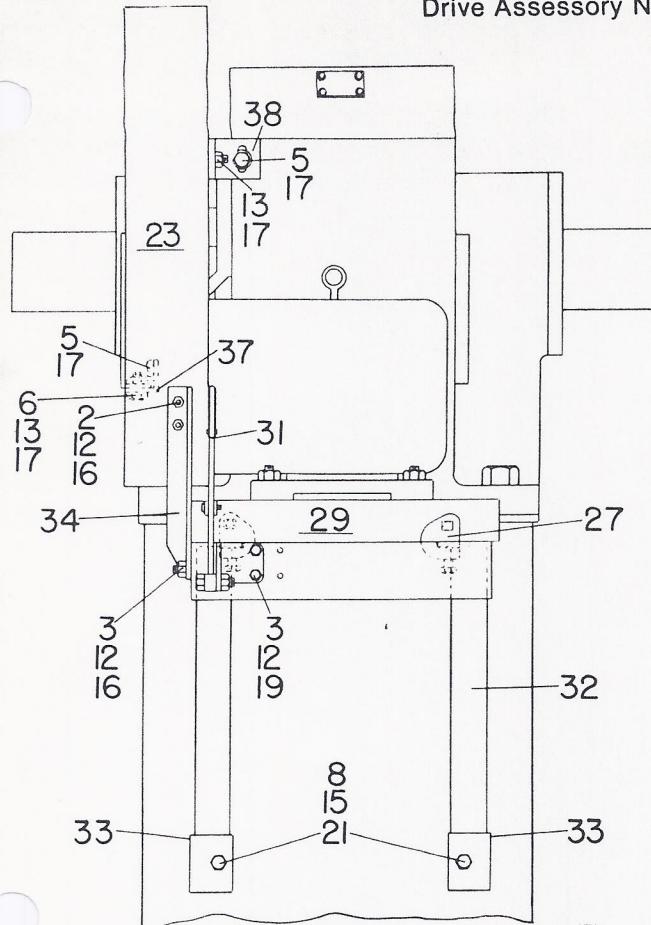


PUMPING UNIT DRIVE ACCESSORIES
Shipped Separate Parts List

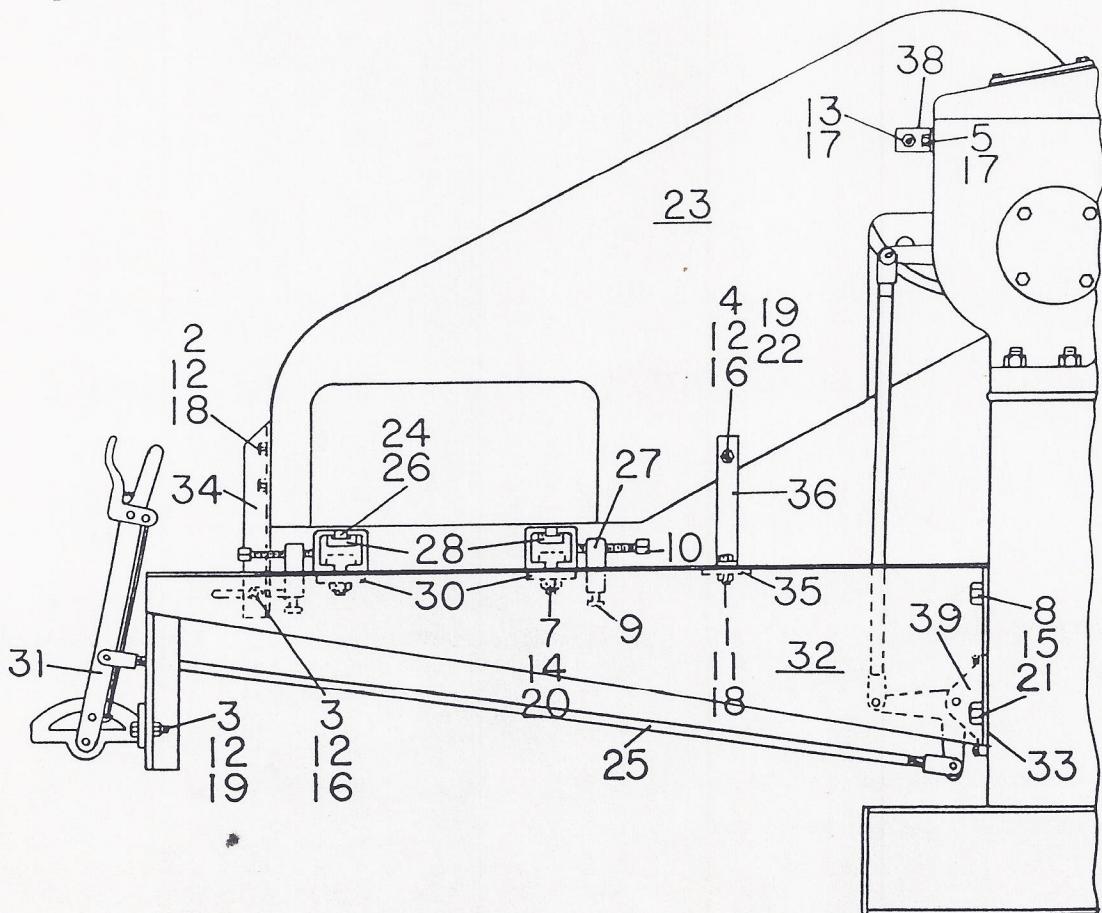
Pumping Unit Size F320-305C-100 or F320-256C-120
Drive Accessory No. 40-1A Type High Drive

| Item No. | Quantity | Part Number | Description |
|----------|----------|-------------|--|
| 1 | 1 | 7000210-11 | 3/8"x1 1/2" Cap Screw |
| 2 | 2 | 7000303-11 | 1/2"x1" Cap Screw |
| 3 | 3 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 4 | 1 | 7000342-11 | 1/2"x1 1/2" Cap Screw |
| 5 | 2 | 7000394-11 | 5/8"x1 1/2" Cap Screw |
| 6 | 1 | 7000395-11 | 5/8"x1 1/2" Cap Screw |
| 7 | 4 | 5500355 | 7/8"x2-3/4" Cap Screw-Square Head |
| 8 | 5 | 7000524-10 | 1"x2 1/2" Cap Screw |
| 9 | 2 | 7016399 | 5/8"x2 1/2" Square Head Set Screw |
| 10 | 2 | 7016421 | 5/8"x8" Square Head Set Screw |
| 11 | 1 | 6300060 | 3/8" Hex Nut |
| 12 | 6 | 6300081 | 1/2" Hex Nut |
| 13 | 2 | 6300103 | 5/8" Hex Nut |
| 14 | 4 | 6300149 | 7/8" Hex Nut |
| 15 | 5 | 6300160 | 1" Hex Nut |
| 16 | 5 | 7621034 | 1/2" Flat Washer |
| 17 | 3 | 7621042 | 5/8" Flat Washer |
| 18 | 1 | 7619041 | 3/8" Spring Lock Washer |
| 19 | 3 | 7619050 | 1/2" Spring Lock Washer |
| 20 | 4 | 7619074 | 7/8" Spring Lock Washer |
| 21 | 5 | 7619081 | 1" Spring Lock Washer |
| 22 | 1 | | 1/2" Pipe - 9-3/4" Long |
| 23 | 1 | 1040102 | Belt Guard |
| 24 | 4 | 1091619 | Shim for Motor Bolt Head |
| 25 | 1 | 1091239 | Reach Rod - 5/8"x7'6" Long |
| 26 | 4 | 1093192 | Shim for Motor Bolt Head |
| 27 | 2 | 1093203 | Rail Adj. Screw Body |
| 28 | 8 | 1093204 | Rail Bolt Washer |
| 29 | 2 | 1093211 | Motor Rail - 33" Long |
| 30 | 4 | 1093213 | Rail Clamp - 2 1/2"x3-3/4" |
| 31 | 1 | 1093293 | Brake Lever - 24" Long |
| 32 | 1 | 1093339 | High Drive Platform |
| 33 | 7 | 1093352 | Dog-Shims - Hi-Drive Platform to house |
| 34 | 1 | 1093361 | Belt Guard Angle - 14" Long |
| 35 | 1 | 1093362 | Rail Clamp - 2"x3" |
| 36 | 1 | 1093364 | Belt Guard Center Bracket "L" |
| 37 | 1 | 1093366 | Belt Guard Bracket - 3 1/2" Angle |
| 38 | 1 | 1093368 | Belt Guard Bracket - 2 1/2" Angle |
| | | | * Bellcrank installed on unit |

Drive Assessor No. 40-1A Type High Drive



RAIL ASSEMBLY FOR ELECTRIC
MOTOR OR MULTI-CYLINDER
ENGINE DRIVE.



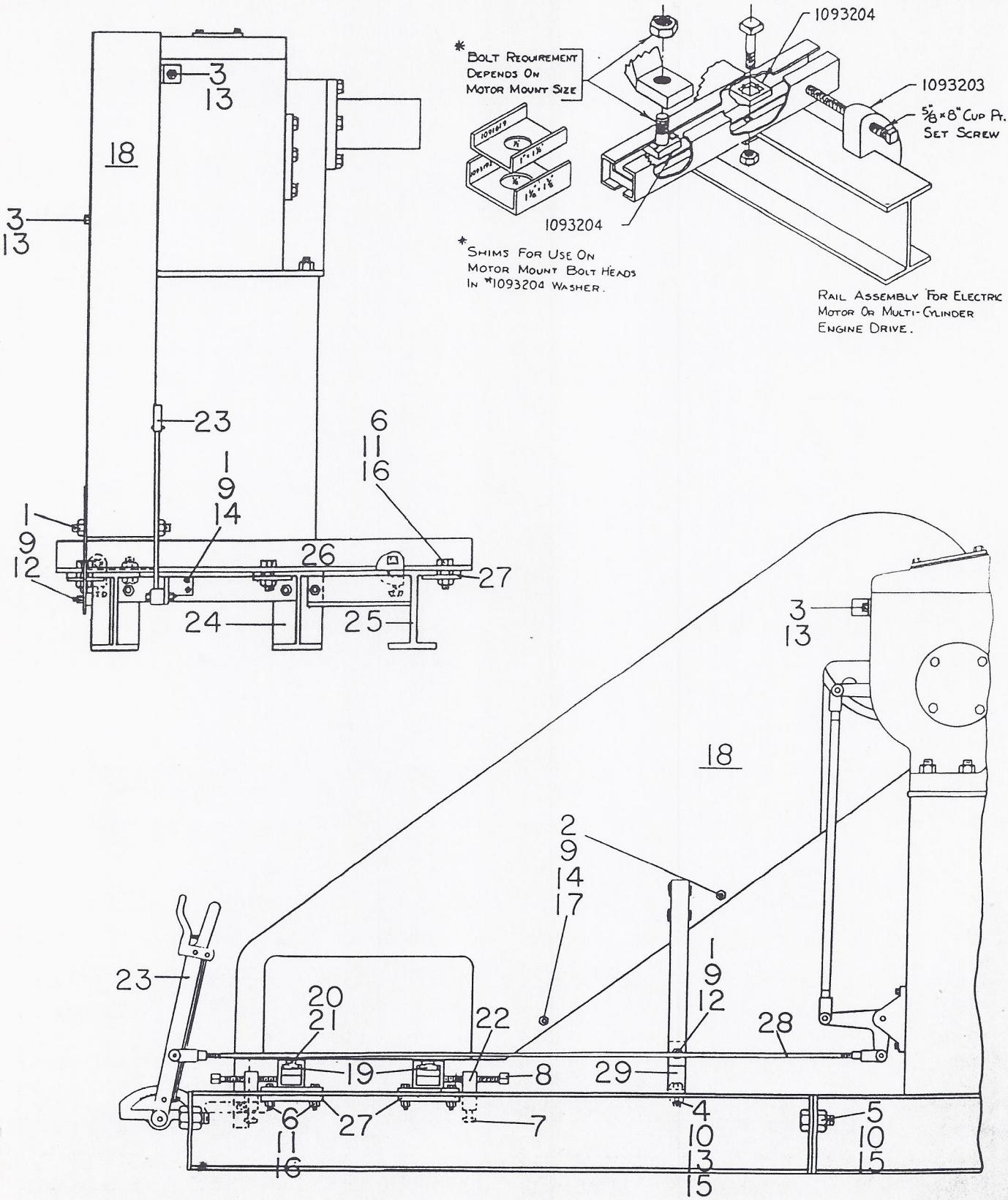
PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

Pumping Unit Size F320-305C-100 or F320-256C-120Drive Accessory No. 40-1C Type High Speed Engine

| ITEM NO. | QUANTITY | PART NUMBER | DESCRIPTION |
|----------|----------|-------------|------------------------------------|
| 1 | 5 | 7000305-11 | 1/2"x1 1/2" Cap Screw |
| 2 | 2 | 7000342-11 | 1/2"x1" Cap Screw |
| 3 | 2 | 7000394-11 | 5/8"x1 1/4" Cap Screw |
| 4 | 1 | 7000396-11 | 5/8"x1-3/4" Cap Screw |
| 5 | 4 | 7000397-11 | 5/8"x2" Cap Screw |
| 6 | 12 | 7000443-11 | 3/4"x2-3/4" Cap Screw |
| 7 | 2 | 7016399 | 5/8"x2 1/2" Square Head Set Screw |
| 8 | 2 | 7016421 | 5/8"x8" Square Head Set Screw |
| 9 | 7 | 6300081 | 1/2" Hex Nut |
| 10 | 7 | 6300103 | 5/8" Hex Nut |
| 11 | 12 | 6300121 | 3/4" Hex Nut |
| 12 | 5 | 7621034 | 1/2" Flat Washer |
| 13 | 4 | 7621042 | 5/8" Flat Washer |
| 14 | 4 | 7619050 | 1/2" Spring Lock Washer |
| 15 | 7 | 7619058 | 5/8" Spring Lock Washer |
| 16 | 12 | 7619066 | 3/4" Spring Lock Washer |
| 17 | 2 | | 1/2" Pipe - 10" Long |
| 18 | 1 | 1040101 | Belt Guard - 34" Sheave |
| 18 | 1 | 1040160 | Belt Guard - 48" Sheave (Optional) |
| 19 | 4 | 1090589 | Rail Bolt Washer |
| 20 | 4 | 1091619 | Shim for Motor Bolt Head |
| 21 | 4 | 1093192 | Shim for Motor Bolt Head |
| 22 | 2 | 1093203 | Rail Adj. Screw Body |
| 23 | 1 | 1093293 | Brake Lever - 24" Long |
| 24 | 1 | 1093334 | Extension Base |
| 25 | 1 | 1093335 | Outrigger for Base |
| 26 | 2 | 1093336 | Motor Rail - 6'6" Long |
| 27 | 6 | 1093340 | Rail Clamp - 4"x9" |
| 28 | 1 | 1093341 | Reach Rod - 5/8"x12' |
| 29 | 1 | 1093342 | Belt Guard Center Bracket |
| | | | * Bellcrank installed on unit |

Drive Assessor No. 40-1C Type High Speed Engine



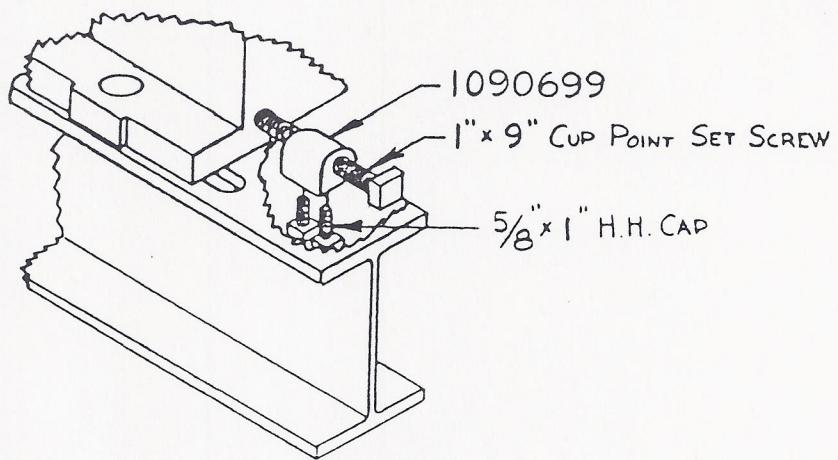
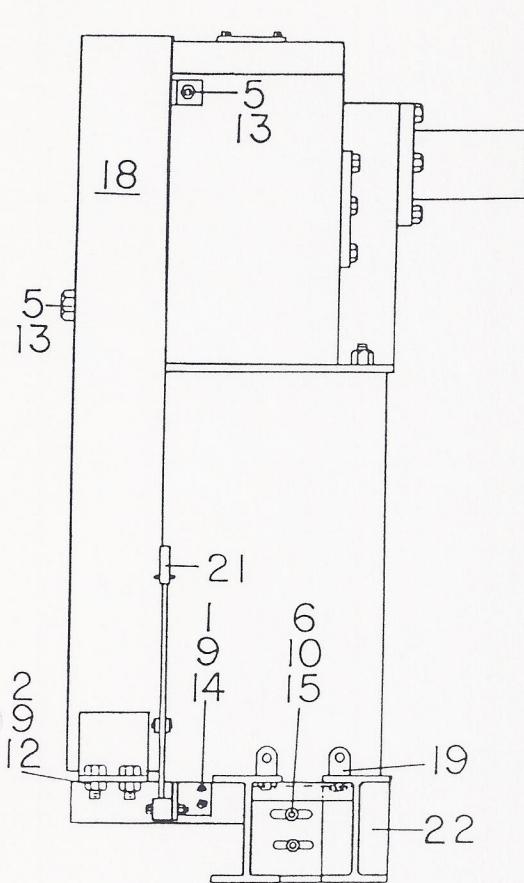
PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

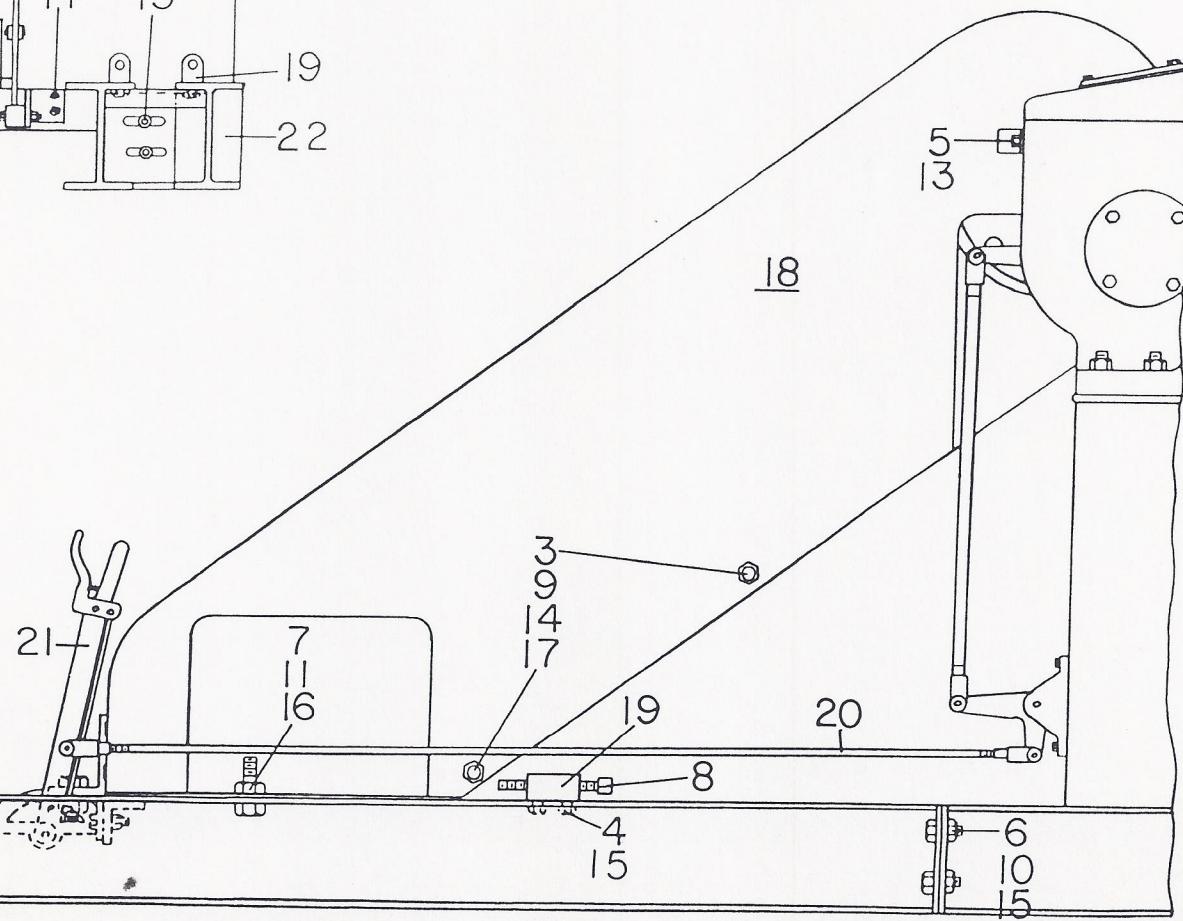
Pumping Unit Size F320-305C-100 or F320-256C-120

Drive Accessory No. 40-1G Type 8" Ajax Drive

Drive Assessor No. 40-1G Type 8" Ajax Drive



ADJUSTING SCREW ASSEMBLY
FOR AJAX OR OTHER ENGINES.



PUMPING UNIT DRIVE ACCESSORIES

Shipped Separate Parts List

Pumping Unit Size F320-305C-100 or F320-256C-120

Drive Accessory No. 40-1D Type 10" Ajax Drive

| Item No. | Quantity | Part Number | Description |
|----------|----------|-------------|-------------------------------|
| 1 | 2 | 7000305-11 | ½"x1½" Cap Screw |
| 2 | 2 | 7000306-11 | ½"x1-3/4" Cap Screw |
| 3 | 1 | 5501341 | ½"x1" Cap Screw |
| 4 | 4 | 7000393-11 | 5/8"x1" Cap Screw |
| 5 | 2 | 7000394-11 | 5/8"x1½" Cap Screw |
| 6 | 2 | 7000397-11 | 5/8"x2" Cap Screw |
| 7 | 6 | 7000489-11 | 7/8"x4" Cap Screw |
| 8 | 2 | 7016550 | 1"x9" Square Head Set Screw |
| 9 | 6 | 6300081 | ½" Hex Nut |
| 10 | 2 | 6300103 | 5/8" Hex Nut |
| 11 | 6 | 6300149 | 7/8" Hex Nut |
| 12 | 4 | 7621034 | ½" Flat Washer |
| 13 | 2 | 7621041 | 5/8" Flat Washer |
| 14 | 4 | 7619050 | ½" Spring Lock Washer |
| 15 | 6 | 7619058 | 5/8" Spring Lock Washer |
| 16 | 6 | 7619074 | 7/8" Spring Lock Washer |
| 17 | 2 | | ½" Pipe - 10" Long |
| 18 | 1 | 1040105 | Belt Guard |
| 19 | 2 | 1090699 | Adj. Screw Body |
| 20 | 1 | 1092989 | Reach Rod - 5/8"x9'3" |
| 21 | 1 | 1093293 | Brake Lever - 24" Long |
| 22 | 1 | 1093298 | Extension Base |
| | | | * Bellcrank installed on unit |

Drive Accessory No. 40-1D Type 10" Ajax Drive

