The following is a non-comprehensive list of items suggested for installing the LodeArm. It is the installer's responsibility to understand the installation process and tools required prior to performing the work.

**WRENCHES AND SOCKETS:**
- 3/4" ALLEN HEX
- 1/4" ALLEN HEX
- 5/16" ALLEN HEX
- 3/8" ALLEN HEX
- 5/8" ALLEN HEX
- 7/8" ALLEN HEX
- 1" ALLEN HEX

**TORQUE WRENCH:**
- 3/8" WRENCH
- 1/2" WRENCH

**LAYOUT PRINT & TAPE MEASURE:**
- CHALK TO MARK PEDESTAL LOCATION
- BANDING SHEAR FOR PALLET DISASSEMBLY
- 1" CONCRETE BIT
- 1" EYE BOLTS FOR LIFTING PEDESTAL
- 1-8 EYE BOLTS FOR LIFTING PEDESTAL
- 3/16" ALLEN HEX EXTENSION CORDS
- 1/4" ALLEN HEX SLINGS
- 1/8" ALLEN HEX MAN LIFT

**PERSONAL PROTECTIVE EQUIPMENT:**
- SAW FOR PALLET DISASSEMBLY
- ELECTRICAL TOOLS

**PLUMBING TOOLS:**
- ELECTRICAL TOOLS
- SAW FOR PALLET DISASSEMBLY
- 1/8" ALLEN HEX MAN LIFT

**FORKLIFT OR CRANE TO LIFT LA INTO POSITION:**
- VACUUM TO CLEAR ANCHOR BOLT HOLES
- EXTENSION CORDS
- EYE BOLTS FOR LIFTING PEDESTAL

**MACHINE MOUNT BOLTS:**
- 1-8 THREAD
- 1-8 EYE BOLTS FOR LIFTING PEDESTAL
- 1/8-24 EYE BOLTS FOR LIFTING PEDESTAL

**ANCHOR BOLT NUT:**
- 1/2" HEX (5/16-24)

**FRICTION BRAKE:**
- 1/2" HEX (5/16-24)

**LEVELING JACKS:**
- 2 1/4" HEX (3/8-12)
- 3/8" ALLEN HEX LEVELING MOUNT BOLTS (QTY 2)

**LEVELING JACK:**
- 1" FLAT ON LEVELING JACK JAM NUT

**AMOUNT MOUNT BOLTS:**
- 1 1/2" HEX (1-8)
- 1 1/2" HEX MACHINIST LEVEL & BUBBLE LEVEL

**LEVELING JACKING:**
- 3/16" ALLEN HEX ON ROTATION STOP CLAMP SET SCREW (3/8-10)
- 1/2" HEX ON FRICTION BRAKE ADJUSTMENT NUT (5/16-24)
- 1/2" HEX ON FRICTION BRAKE ADJUSTMENT NUT (5/16-24)
- 3/4" ALLEN HEX ON MIDDLE JOINT LEVELING BOLTS (3/8-10)

**DETAILS:**
- CENTERING BOLTS TO HELP CENTER LA ONTO PEDESTAL
- FORKLIFT OR CRANE TO LIFT LA INTO POSITION
- ALIGNMENT BOLTS TO HELP ALIGN LA ONTO PEDESTAL
- VACUUM TO CLEAR ANCHOR BOLT HOLES
- EXTENSION CORDS
- EYE BOLTS FOR LIFTING PEDESTAL
- 1/8-24 EYE BOLTS FOR LIFTING PEDESTAL
- 3/16" ALLEN HEX EXTENSION CORDS
- 1/4" ALLEN HEX SLINGS
- 1/8" ALLEN HEX MAN LIFT
- 3/8" ALLEN HEX MAN LIFT

**DIAGRAM:**
- LodeArm™ 3030LE
- Nov-30-2015
- LA3030LE INSTALL