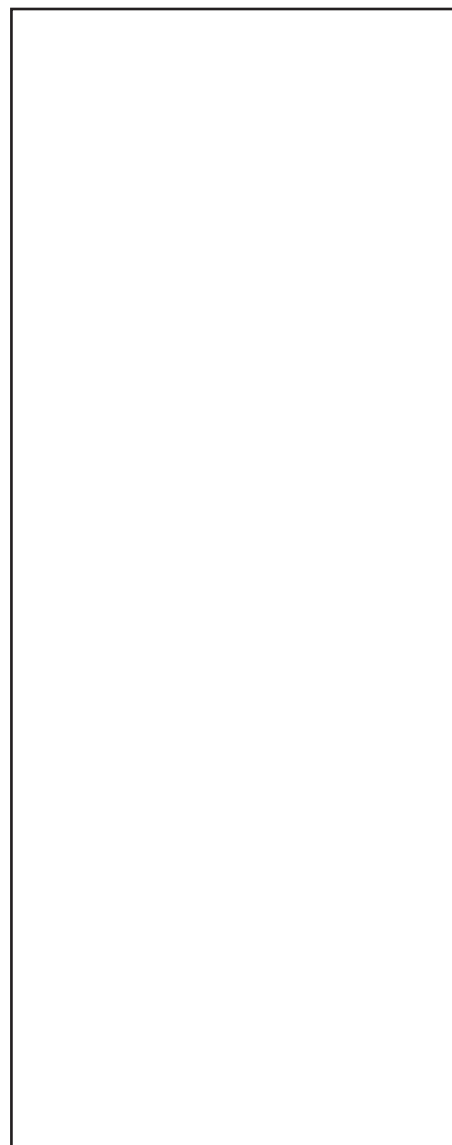


MANUAL OPERATION INSTRUCTIONS

1. Disconnect the jack from the power source.
2. Remove the rubber access covers on the top of the jack and on the side of the motor cover.
3. Insert the manual crank handle into the access hole on the top of the jack, engaging the drive screw.
4. Rotate the manual crank handle counter-clockwise to extend the jack, and clockwise to retract it.

REPLACEMENT PARTS

REF	DESCRIPTION
A-G	Upper Jack Assembly; includes all Housing, Gear Motor Box Assembly & items A-G
A	Operating switch; includes one (1) Switch boot
B	Light switch; includes one (1) Switch boot
C	Plastic cover kits
D	Work lights w/ rubber seal (1 pack)
E	20A Circuit breaker
F	Rubber seal
G	Motor
H-I	Lower Jack Assembly; includes Outer Jack Tube, Inner Jack Tube, Screw Shaft, & items H-I
H	Removable foot pad
I	3/8" Safety lock pin
J	Manual crank handle
K	Star washer (3 pieces)



MAINTENANCE

To keep your jack in good, functional condition, fully extend the jack and clean the inner jack tube once a year. After cleaning, coat the tube with a light grease or silicone spray lubricant.

Trouble Shooting

Problem: Motor isn't operating.

CAUSE	SOLUTION
Open circuit breaker	Wait 15 seconds for the breaker to close.
Poor Ground	Clean area between the jack mounting plate and coupler, and ensure paint has been removed by the star washers. Direct metal-to-metal contact must exist between mounting components to ensure good electrical contact.
No or low voltage	Check battery & electrical connections. Power supplied must be at least 10 Volt DC. If the battery is low, plug the trailer cable into the tow vehicle, and start the tow vehicle to provide power to the jack.