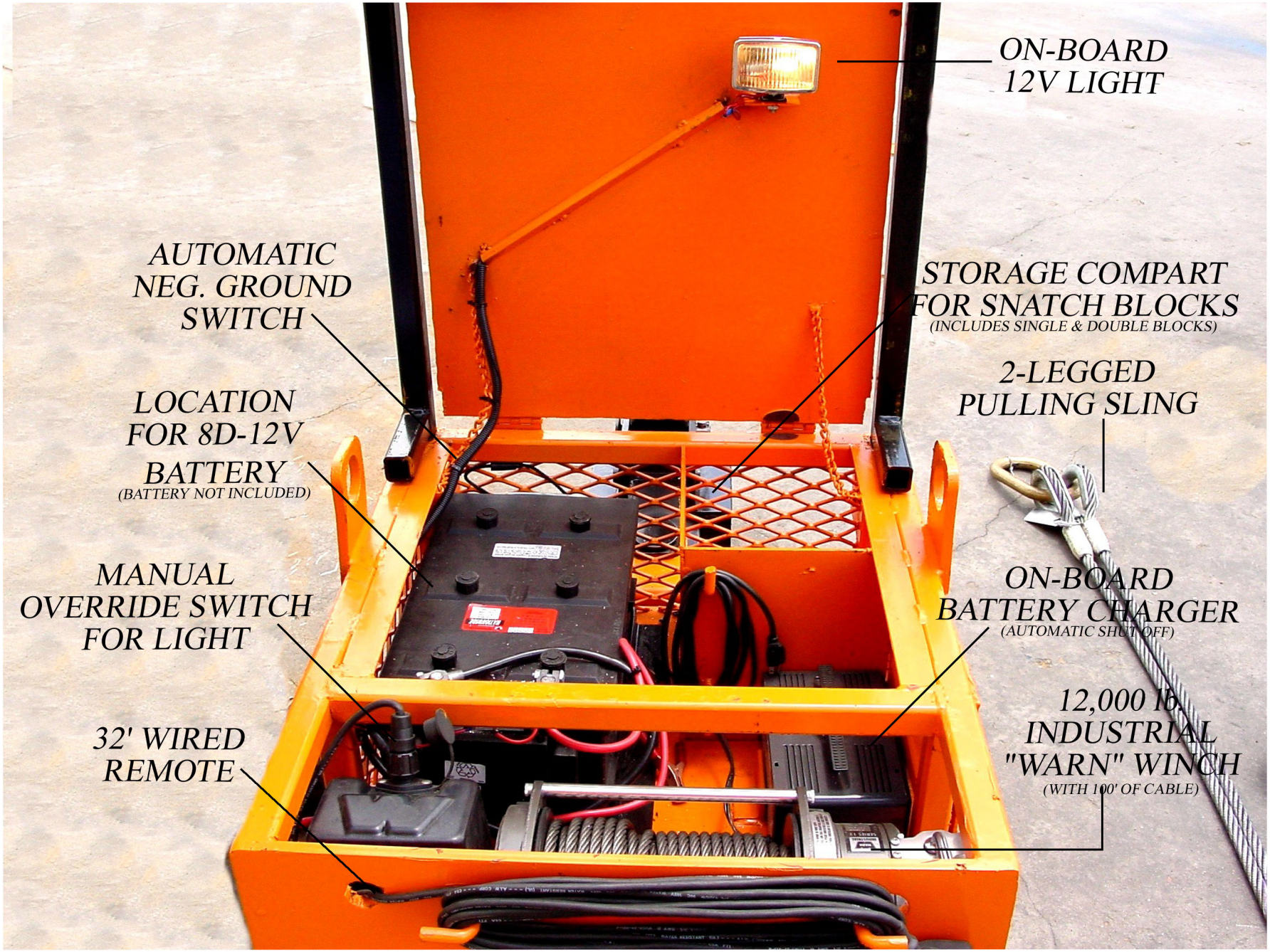
PIPE TIGER
PIPE PULLER

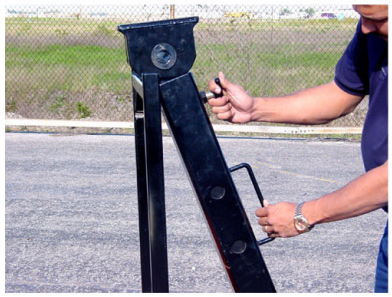
MANUAL

THE PIPE TIGER
PIPE PULLER


ON-BOARD
12V LIGHT
AUTOMATIC
NEG. GROUND
SWITCH
STORAGE COMPART
FOR SNATCH BLOCKS
(INCLUDES SINGLE & DOUBLE BLOCKS)
2-LEGGED
PULLING SLING
LOCATION
FOR 8D-12V
BATTERY
(BATTERY NOT INCLUDED)
MANUAL
OVERRIDE SWITCH
FOR LIGHT
ON-BOARD
BATTERY CHARGER
(AUTOMATIC SHUT OFF)
12,000 lb.
INDUSTRIAL
"WARN" WINCH
(WITH 100' OF CABLE)
32' WIRED
REMOTE

"Quick pin" telescoping oversleeve for different size pipe. (Standard size 5'-7')
Note: Other sizes available

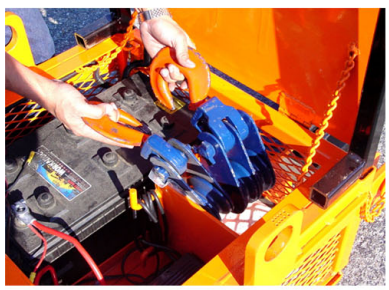
Innersleeve tension device to reduce slop of telescoping member.



Easy access to lever that engages and disengages winch.

Easy storage holder that reduces remote damage.

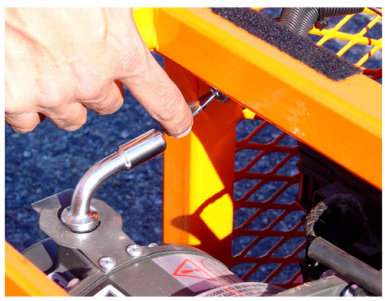
Single snatch block
(2-part pull)
Double snatch block
(4-part pull)



Fully automatic on-board light.

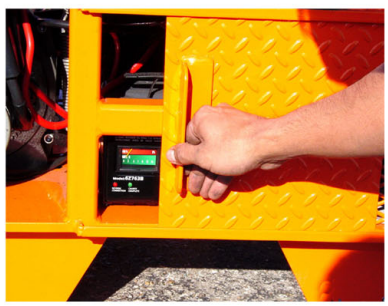
Automatic negative ground switch when door is open light is on, when door is closed light is off.

Manual override cut-off switch for light.



Fully automatic on-board battery charger.

Protective sliding door for charger.



STAGE 1

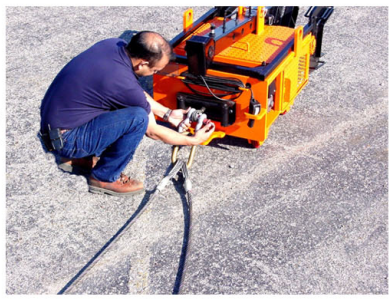
Attach the two-legged pulling sling to the lifting eyes and lower Pipe Puller into place.

STAGE 2

Once the Pipe Puller is in position, unscrew the shackles and remove the two-legged pulling sling.

STAGE 3

Attach the two-legged pulling sling to the end of the cable using the large shackle on the end of the winch cable.



STAGE 4

Remove the two pulling hooks at the rear of the machine.

STAGE 5

Attach each hook to the end of the two-legged pulling sling, using the two small shackles.

STAGE 6

Remove the hitch pin in order to lower the telescoping leg anchor.

STAGE 7

Using the handle provided, carefully lower the leg until it has reached the ground.

STAGE 8

Continue to pivot the leg in order to make room to assemble the headache rack.

STAGE 9

Lift the headache rack from the transport holder.

STAGE 10

Now in the vertical position, lower the headache rack into the transport sockets located at the rear of the Pipe Puller.

STAGE 11

After determining the appropriate pin setting, the leg should measure approximately (2") two inches larger than nominal I.D. of the pipe.

STAGE 12

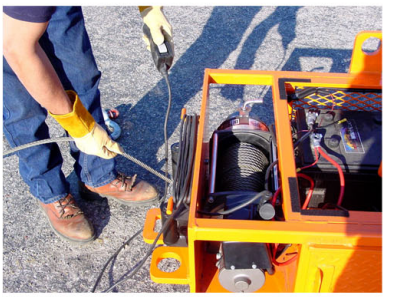
Now that the leg height has been verified, rest the leg back onto the headache rack.

STAGE 13

Remove the wired remote and the "Pipe Tiger " is ready to operate.

IMPORTANT

*Be sure to carefully align cable when retracting, and **always** wear protective gloves.*



IMPORTANT

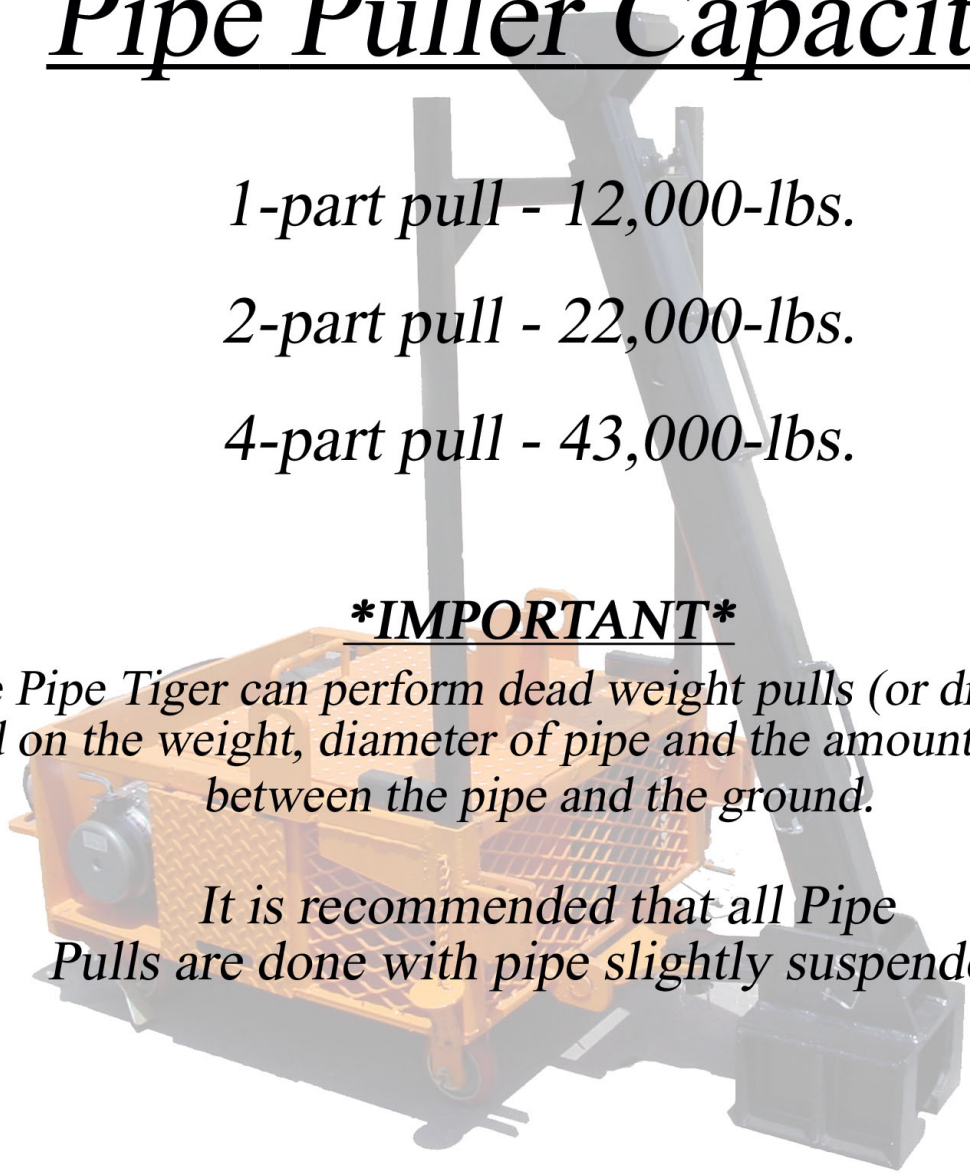
*When disengaging the winch and free spining the spool, allow for the internal clutch to **completely stop** before engaging the winch again.*

" Pipe Tiger "
Pipe Puller Capacity

1-part pull - 12,000-lbs.

2-part pull - 22,000-lbs.

4-part pull - 43,000-lbs.



IMPORTANT

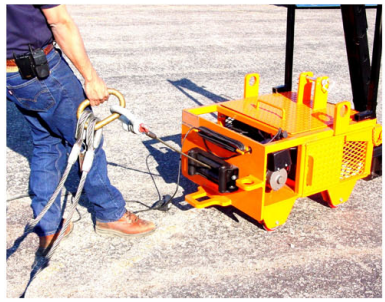
The Pipe Tiger can perform dead weight pulls (or drag pulls) based on the weight, diameter of pipe and the amount of friction between the pipe and the ground.

It is recommended that all Pipe Pulls are done with pipe slightly suspended.

Note: The "Warn"winch has a thermo-relay that shuts down when it is overloaded. Allow to cool, check capacity and re-adjust pull requirements.

Single snatch block Set-up
2-part pull

Disengage winch and free spool the cable out in order to loop back through the snatch block.

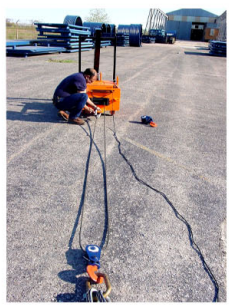


Open snatch block housing by unscrewing the thumb screw pin.

Hook the single snatch block to the two-legged sling and loop the winch cable around pully.

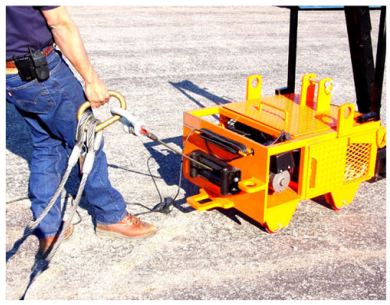
Pull cable back towards Pipe Puller.

Using the large shackle, attach the cable to the front of the puller, and now the Pipe Tiger is ready for a 2-part pull.



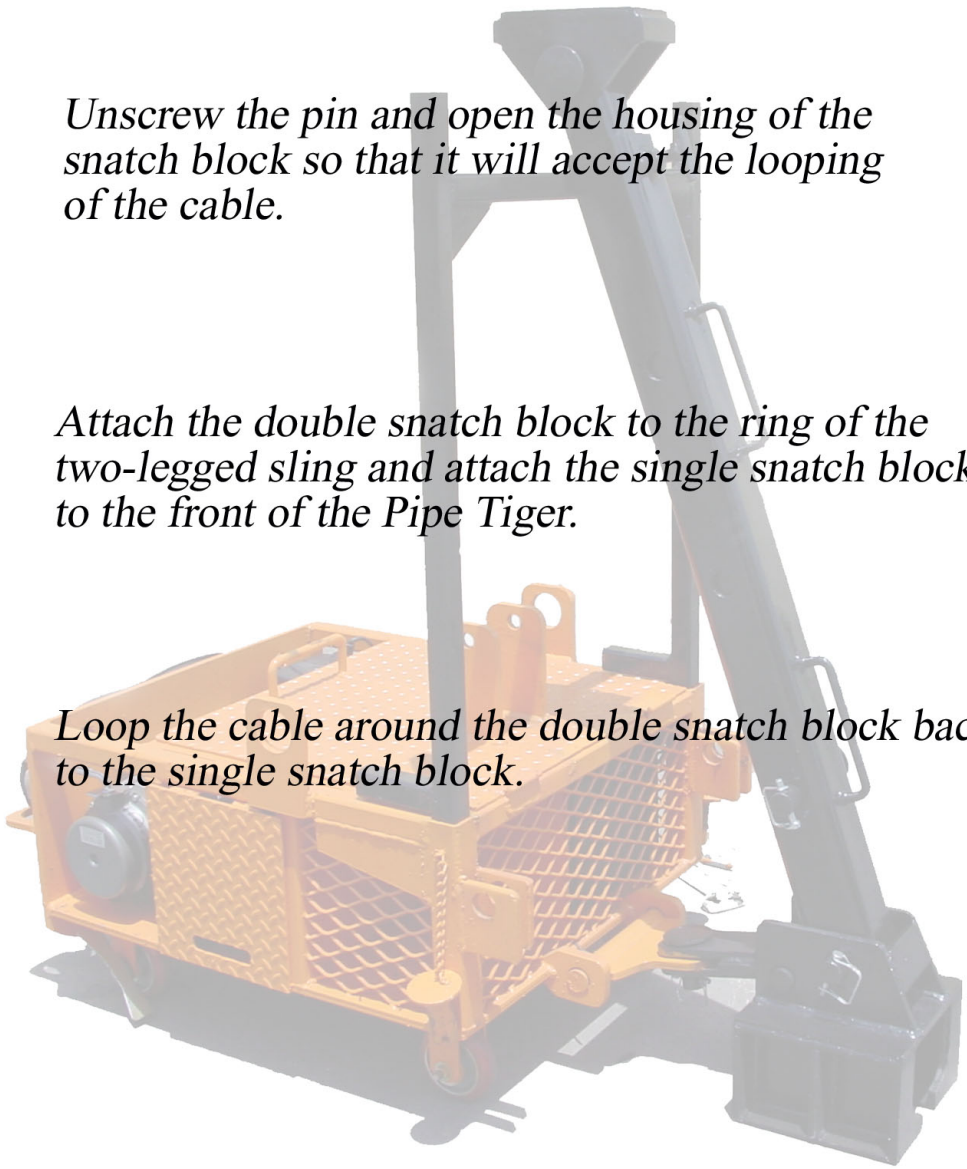
Double snatch block Set-up
4-part pull

Disengage winch and free spool the cable out in order to loop back through the snatch block.



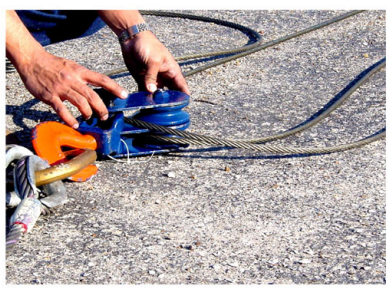
Unscrew the pin and open the housing of the snatch block so that it will accept the looping of the cable.

Attach the double snatch block to the ring of the two-legged sling and attach the single snatch block to the front of the Pipe Tiger.

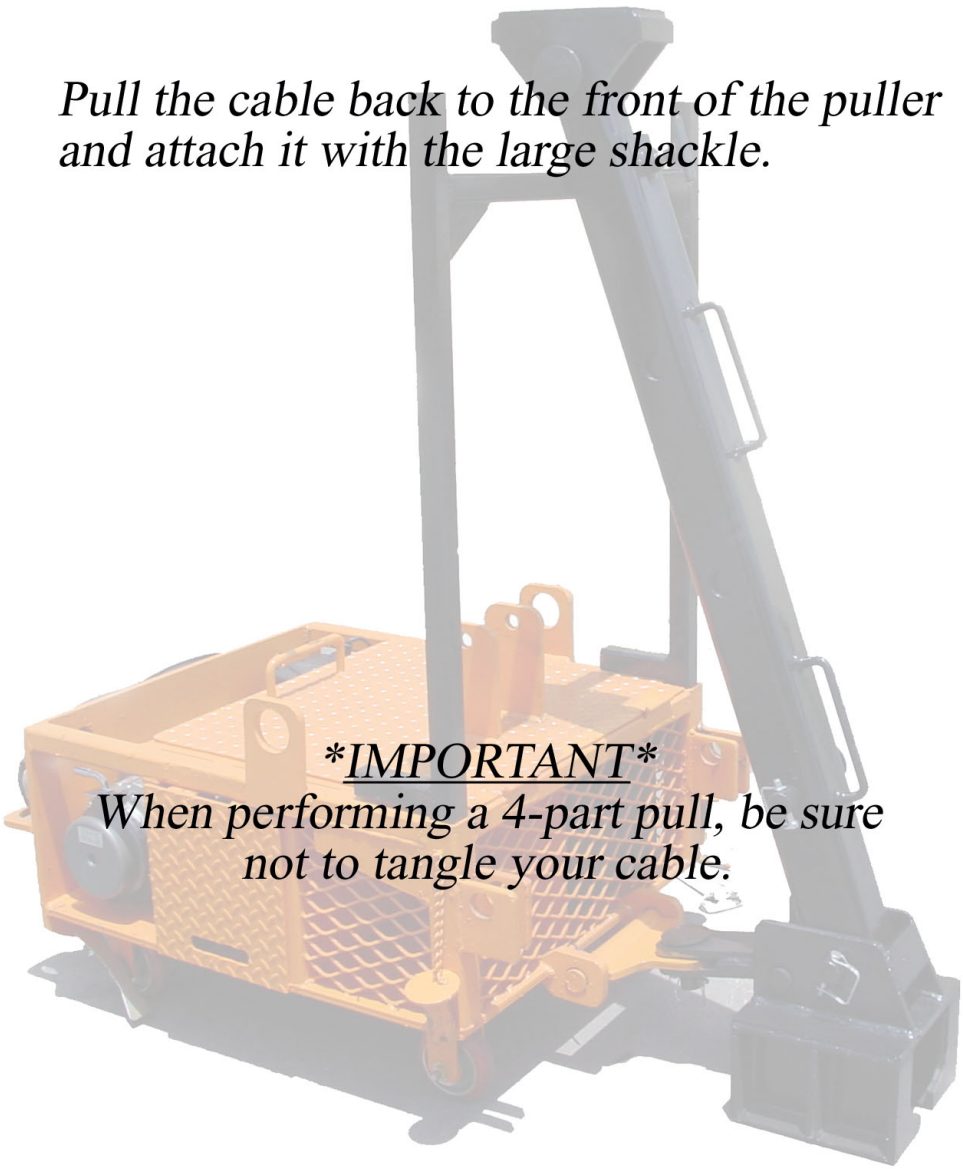


Loop the cable around the double snatch block back to the single snatch block.

After looping around the single snatch block, loop the cable around the double snatch block again and re-pin the housing.

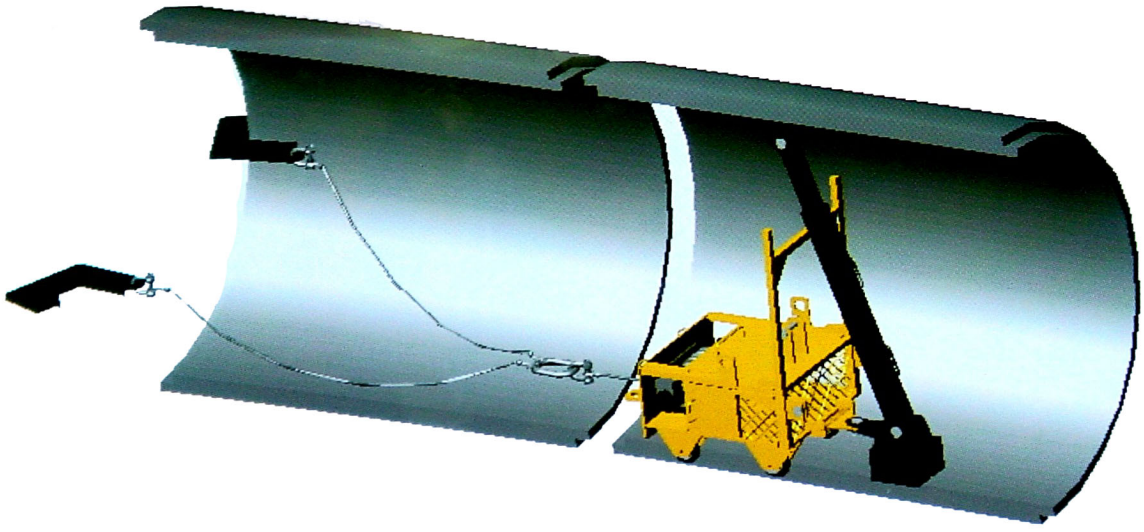


Pull the cable back to the front of the puller and attach it with the large shackle.



<u>IMPORTANT</u>
When performing a 4-part pull, be sure not to tangle your cable.

Pipe Tiger
Operating Instructions



After determining the pull requirements and performing the assembly procedure, place the hooks on the end of the new section of pipe to be installed.

Important! It is recommended that your initial pull should be suspended in order to reduce the chance of separating the previous connection.

This potential problem can also be eliminated by placing the puller two joints back from the new section of pipe to be laid.

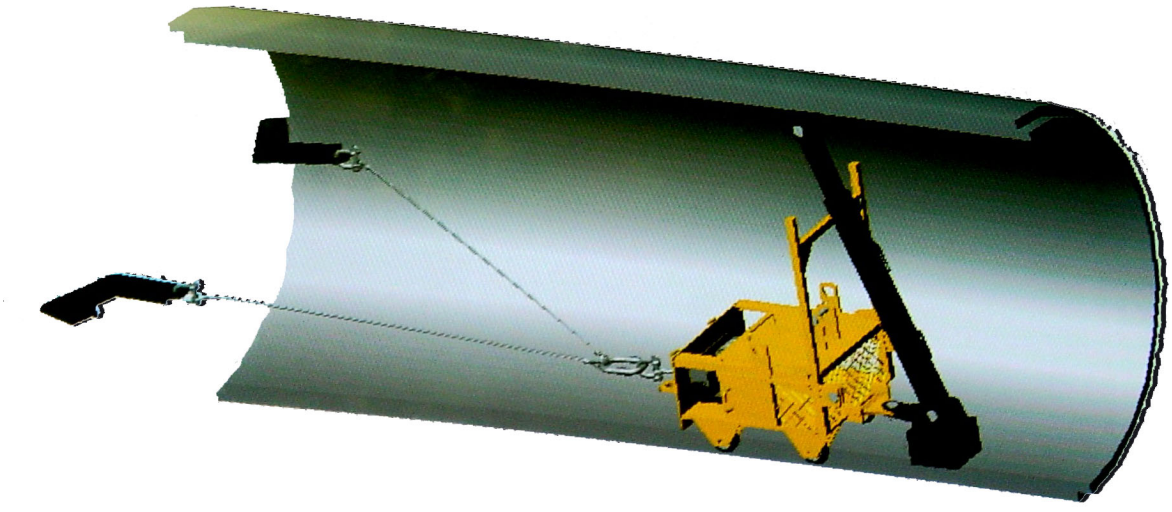
Suspend the hooks so that they are approximately 1/3rd the height from the bottom of the pipe.

With the hooks suspended, pull the Leg Anchor back until the top shoe has made contact with the pipe. Hold this position until the next step has taken place.

Use the wired remote and retract the cable until it has taken all of the slack out of the line and wedged the Leg Anchor into place.

Once the Leg Anchor has been properly secured, completely extend the 32' wired remote and step outside of the new section of pipe.

Pipe Tiger
Operating Instructions



Once you have safely secured a position outside of the pipe, retract the cable until the new pipe begins to mate with the previous installed pipe.

Important! This process can be done all in one step or multiple steps, verifying the fit at each step.

Repeat the pull process until it is required to move the Puller.

Important! There must always be at least one continuous wrap around the entire spool during a pull. If not, then it is time to move the machine forward.

After determining that the Puller needs to be advanced, take a mallet or hammer and strike the top shoe until the leg anchor frees from its wedged position and falls onto the Headache rack.

Using the same hook connection, retract the winch cable and the Puller will advance itself to the new position.

Important! Be sure to align the cable while it is being retracted and always use protective gloves.

Once in the new position and the cable fully retracted, repeat the entire process.