

**ELECTRIC POWER PACK
OPERATING PROCEDURE
TELEDYNE TM17HD/1425X MOBILE BREAKER
S/N 3777-97-1 #309-246**

BREAKER START-UP PROCEDURE USING ELECTRIC POWER PACK

1. Position the mobile breaker at the grizzly so that the optimum coverage of the required breaking area is achieved.
2. Engage the parking brake and put the transmission lever in neutral.
3. Lower the stabilizers on the vehicle so that the unit is stable and level.
4. Exit the operator's compartment and drag the electrical cable from the mine electrical box to the vehicle connection box. (it is recommended to keep the diesel engine running at this time so that the vehicle lighting can improve the visibility of the operator when working with the power cable)
5. Connect the electrical plug to the receptacle and turn the power 'ON' at the mine electrical box.
6. Turn the diesel engine off and turn the master disconnect switch to 'OFF'.
7. Go to the electrical starter panel located at the engine end, on the passenger side and turn the main electrical disconnect to 'ON'.
8. Go to the electrical panel on the operator's side of the vehicle.
9. Turn the ground fault pilot control switch to the required setting for the location.
10. Push and hold the ground fault reset button for two seconds.
11. The AC POWER light should be illuminated.
12. If the red PHASE INCORRECT light is illuminated, the input power wires must be reversed. Please contact electrical maintenance to change the wiring.
13. Push the PUMP ON button. This will start the hydraulic pump.
14. Push the LOW HYDRAULIC OIL TEST button. When pushed, this will simulate a low hydraulic oil situation, and shut down the electric motor. This will also illuminate the low hydraulic oil light in the operator's area and activate an audible alarm (horn).
15. Push the PUMP ON button to restart the electric motor.

OPERATION

The boom will function the same as when on diesel power. The electric motor may be shut down by the following methods:

1. Push PUMP STOP button on starter panel.
2. Push EMERGENCY STOP button on starter panel.
3. Turn the MASTER DISCONNECT SWITCH to 'ON'. This will stop the pump from the operator's station. This may be used as a remote emergency stop by the operator.
4. Low hydraulic oil.
5. High hydraulic oil temperature.

SHUTDOWN

1. Place the breaker and boom in the desired tramming position.
2. Go to the starter panel and push the PUMP STOP button.
3. Turn the main disconnect switch to 'OFF' position.
4. Start the diesel engine using normal starting procedures so that vehicle lighting may be used.
5. Turn the power switch at the mine electrical box to 'OFF'.
6. Remove the plug from the vehicle junction box and carry the plug end back to the mine electrical box.
7. Enter the operator's area and proceed to move vehicle in accordance with the mobile breaker operator's manual.