INSTRUCTIONS, ME2 6 HAND HELD CONTROL
P/N 295842-01

6 PIN HOUSING WELDMENT
P/N 295833-01
QTY. 1

6 PIN WIRE ASSEMBLY
P/N 295835-01
QTY. 1

HAND HELD CONTROL SWITCH
P/N 295881-01
QTY. 1

SELF TAPPING SCREW
1/4”-20 X 1/2” LG.
P/N 900705-03
QTY. 2
VEHICLE BATTERY

PUMP/MOTOR

LOWERING VALVE

POWER CABLE

GROUND CABLE

150 AMP CIRCUIT BREAKER

BATTERY

STARTER SOLENOID

RED WIRE

BLACK WIRE

BROWN WIRE

GROUND

LOAD

ELECTRICAL CONNECTIONS

FIG. 2-1

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1. Lower liftgate to ground (FIG. 3-1).

2. Disconnect power from truck battery by disconnecting negative (-) battery cable from battery (-) terminal (FIG. 3-2).

3. Unbolt the main frame cover by removing three hex nuts and washers (FIG. 3-3).

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**WARNING**

Remove all rings, watches and jewelry before doing any electrical work.

**WARNING**

To prevent accidental personal injury and equipment damage, disconnect (-) battery cable from battery.

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4. Remove column cover and set screws aside (FIG. 4-1).

5. Disconnect (4) existing control switch wires from pump (FIGS. 2-1 and 4-1). Remove screws, existing control switch and cable from column (FIG. 4-1).

6. Weld 6 pin housing weldment (Kit item) to column (FIG. 4-2).
7. Rout 6 pin wire assembly (Kit item) through 6 pin housing weldment, column, and mainframe to pump (FIG. 5-1). Connect 4 wires from the 6 pin wire assembly to pump and starter solenoid (FIGS. 2-1 and 5-1).

8. Fasten 6 pin wire assembly to 6 pin housing weldment with self tapping screws (Kit items) (FIG. 5-2).
9. Plug connector end of the hand held control (Kit item) into the 6 pin wire assembly (FIGS. 5-1 and 6-1).

10. Bolt main frame cover to the liftgate and reinstall column cover (FIG. 6-2).

11. Reconnect power to truck battery by connecting negative (-) battery cable to battery (-) terminal (FIG. 6-3).
1. Check operation of control switch for proper operation by pressing **POWER ON** button once to activate. Next, press **POWER ON** button again to deactivate Liftgate power. Then, press the **POWER ON** button twice to reset low voltage (FIG. 7-1).

2. Press the **LIFTGATE ACTIVATED** switch within 1 second to activate the timer (FIG. 7-1).

3. Raise (UP) and lower (DN) the unloaded platform (FIGS. 7-1 and 7-2) on a flat surface. Check for proper operating speed and alignment with the ground.

4. Load the platform with the rated capacity and measure the time to **RAISE** the platform (FIG. 7-1). The platform should raise approximately 2” to 3” per second.

5. Examine the platform for any downward creep.

6. Measure the time to **LOWER** the platform still loaded (FIG. 7-2). The load should descend approximately 7” to 9” per second.

7. Remove the load from the platform and examine the Liftgate and vehicle for hydraulic oil leaks, loose wiring, and any other problems.

8. Reinstall the main frame housing cover. Then, close and latch platform.

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**NOTE:** The **LIFTGATE ACTIVATED** LED illuminates when Liftgate power is on. Control switch should deactivate after 90 seconds of not being used.

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**WARNING**

Keep all foreign objects out of the Liftgate mainframe and away from pinch points at all times when operating Liftgate.
9. Lock the latch on LH side or RH side through the hole in the latch pin (FIG. 8-1).