

CHECKER MOTORS CORP. KALAMAZOO, MICH.

EFFECTIVE SEPT. 1, 1968

MODEL: DIESEL

DATE

9-24-68

GRAPHIC ILLUSTRATION

PRIMING FUEL SYSTEM ON DIESEL ENGINE (4.236)

DWN. DEKKER

CHK. *ED* 10-1-68

SHEET NO. 823

APPVD. MODEL YEAR 1969

1. REMOVE THE VENT PLUG ON THE FINAL FUEL FILTER COVER. OPERATE PRIMING LEVER ON FUEL LIFT PUMP UNTIL AIR FREE FUEL APPEARS AT THE FILTER. (IF NO FUEL IS DELIVERED, TURN ENGINE ONE OR TWO REVOLUTIONS WITH CRANKING MOTOR TO CHANGE CAM LOBE POSITION FOR PUMPING.) REPLACE VENT PLUG.
 2. LOOSEN AIR VENT VALVE ON FUEL INJECTION PUMP HOUSING, BEING CAREFUL NOT TO DISTURB VALVE BODY. OPERATE PRIMING LEVER ON FUEL LIFT PUMP UNTIL AIR FREE FUEL APPEARS, RETIGHTEN VENT SCREW.
 3. LOOSEN AIR VENT PLUG SCREW ON SIDE OF THE CONTROL HOUSING. OPERATE PRIMING LEVER ON FUEL LIFT PUMP UNTIL AIR FREE FUEL APPEARS, RETIGHTEN PLUG SCREW.
 4. LOOSEN ALL HIGH PRESSURE FUEL LINE TUBE NUTS AT THE INJECTORS.
 5. SET THROTTLE TO FULL FUEL POSITION.
 6. SET STOP CONTROL LEVER IN 'RUN' POSITION.
- TURN ENGINE WITH CRANKING MOTOR UNTIL FUEL, FREE FROM AIR BUBBLES, ISSUES FROM ALL INJECTION PIPES. RETIGHTEN TUBE NUTS. 4
- START ENGINE AND CHECK FOR FUEL LEAKS.
- IF ENGINE STOPS AFTER A SHORT PERIOD, AIR IS PROBABLY STILL PRESENT IN SYSTEM. REPEAT PROCEDURE.

