

CHECKER MOTORS CORP. KALAMAZOO, MICH.

MODEL:

DIESEL

DATE

9-25-68

GRAPHIC ILLUSTRATION

GOVERNOR ADJUSTMENT ON DIESEL ENGINE (4.236)

DWN. K to 12/45

CHK. E to 12/45

SHEET NO. 824

MODEL YEAR 1969

APPVD.

GOVERNOR SPEED ADJUSTMENTS:

## LOW IDLE

1. TO INCREASE ENGINE R.P.M., TURN REAR IDLE ADJUSTING SCREW **A** CLOCKWISE TO OBTAIN 650 TO 700 ENGINE R.P.M. (800 TO 850 FAN SPEED) WITH TRANSMISSION IN NEUTRAL OR PARK POSITION.
2. TIGHTEN JAM NUT **B** SECURELY.

## HIGH IDLE

1. REMOVE SEAL AND COVER **C** FROM FRONT ADJUSTING SCREW.
2. TO INCREASE HIGH IDLE SPEED, TURN FRONT ADJUSTING SCREW **D** COUNTER-CLOCKWISE TO OBTAIN 3150 ENGINE R.P.M. (3800 TO 3900 FAN SPEED) PLUS OR MINUS 50 R.P.M. NO LOAD.
3. TIGHTEN JAM NUT **E** SECURELY, REPLACE COVER, AND INSTALL A NEW LEAD SEAL WITH DESIGNATED CRIMPING PLIERS. THIS IS IMPORTANT - TO ENSURE ENGINE WARRANTY FROM PERKINS.

## NOTE:

BOTH OF THE ABOVE SPEED ADJUSTMENTS SHOULD BE DONE WITH AN ACCURATE TACHOMETER OR STROBE LIGHT. ALSO, IF THE ABOVE ADJUSTMENTS ARE NECESSARY, THEY SHOULD BE DONE AFTER THE CAR HAS BEEN CHECKED ON THE TEST TRACK. THIS WILL MAKE CERTAIN THAT THE ENGINE IS SUFFICIENTLY WARM.

