



POLARITY REVERSING SWITCH

As a result of a production change the 1948 models, both passenger and trucks, are no longer equipped with the starter reversing switch. The elimination of this switch necessitated a change in distributor design as well as a change in condenser capacity. The condenser capacity was changed and the distributor breaker plate was grounded. Servicemen in the field, when performing tune-up work necessitating replacement of points or condenser, should be familiar with the proper replacement parts.

If vehicle is equipped with a reversing switch, Condenser part #1882239 and breaker point set #1882391 should be used. If vehicle is not equipped with a reversing switch, Condenser part #1869704 should be used and breaker point set #1855720 should be used.

It is very important when replacing parts that the correct part be used to give satisfactory operation and long life. The new condenser has a .2 M.F. (microfarad) capacity instead of a .3 M.F. capacity as used when the vehicle is equipped with a reversing switch.

The condensers can be identified as follows: The lead on Condenser #1882239 has a number .3 stamped on the terminal clip while Condenser part #1869704 has a slightly longer lead. The brackets on either condenser are of the clamp type and slide over the outside of the condenser case.

Elimination of the reversing switch necessitated grounding the breaker plate in the distributor. This was done by eliminating the insulation strip and

increasing the diameter of the breaker plate to ground against the distributor housing. When replacing points, therefore, it is important that the correct set be used due to the difference in diameter of the breaker plate.

Should it be necessary to remove the reversing switch on past models, the following procedure should be used:

1. Disconnect wires from reversing switch and remove switch from starting motor.
2. Grind off unthreaded portion of switch attaching screws and thread back into starter motor housing to plug holes.
3. Disconnect reversing switch to distributor and reversing switch to coil wires and discard this harness assembly.
4. Install low tension wire part #5288968 between coil terminal and outer distributor post terminal.
5. Remove .3 M.F. capacity condenser part #1882239 and replace with .2 M.F. capacity condenser part #1869704.
6. Disassemble inner distributor post terminal (next to motor) and remove the post insulator washer.
7. Scrape and remove paint on distributor housing adjacent to hole in housing and reinstall nut and flat washer. This grounds the breaker plate to distributor body.