

# Radio

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## General

The car radio operates under relatively unfavorable conditions with its small antenna signal and correspondingly large static and noise reception from the auto electrical system. The ignition, generator, and windshield wiper motor as well as the surrounding vehicles are a constant source of interference. For this reason it is of great importance that the electrical system is thoroughly noise suppressed especially in the case of FM reception. Loose ground connections (varying resistance) are a common cause of static noises. When installing a radio it is advisable to test the ground connections with an ohmmeter. The choice of suppressor items is generally prescribed by the radio manufacturer and can be found in the radio accessory lists.

In the event that the radio receives interference from other sources than those which are normally suppressed, the entire system should first be tested for ground connections. If this does not locate the cause of the interference an auto electric shop which is specially equipped for such work should be consulted.

## Note

The maximum capacity for the suppressor condenser at generator terminals D + and regulator terminal D + is  $0.45 \mu\text{F}$ . A greater capacity will burn the regulator contacts.