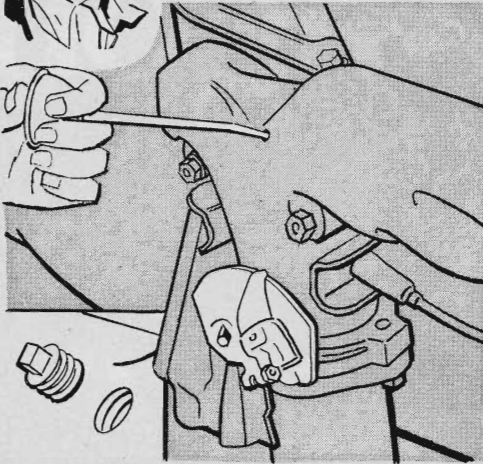


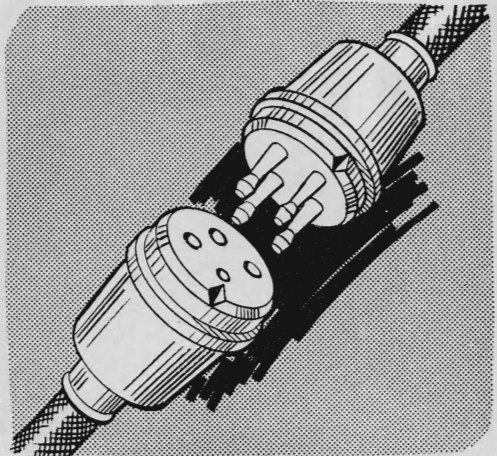


# Hints from the Model Garage

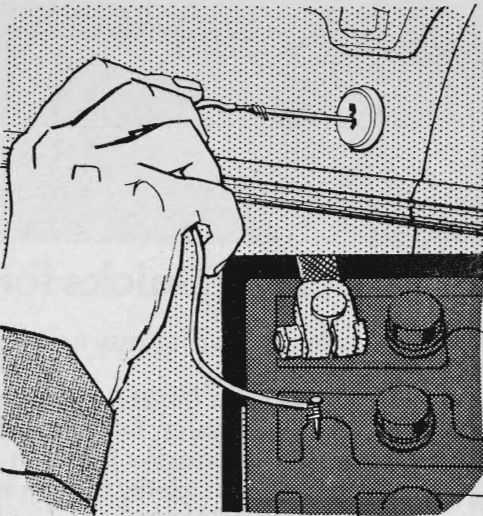
DRAWINGS BY  
DAN TODD



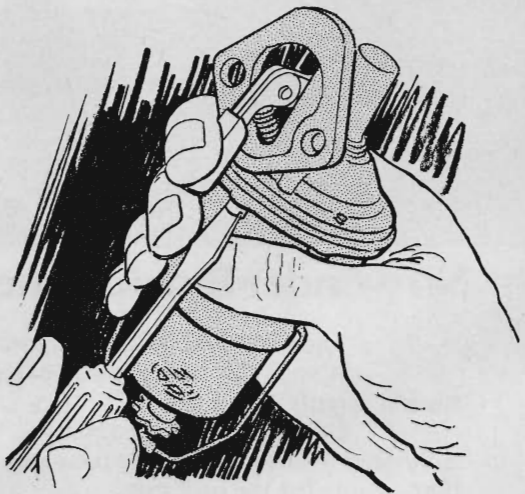
To free a stuck heat-control valve on a Dodge 318 V-8, you don't have to remove the exhaust manifold. Drill and tap a small hole just above the port and use an oilcan to inject a suitable solvent. Work the valve loose by moving the counterweight. Install pipe plug.



Hooking up a trailer connector at night can be troublesome. You need an easy way to line up the right pins with the right holes. Cut one notch next to the ground pin and another next to the ground hole, and you can "feel" your way on the darkest night.



A key broken off in the door lock? A needle or steel rod hooked to one cell of your battery will remove it. Press it into the lock while grounding another lead for a moment. This welds the broken key to the rod. You can then pull out rod and key with pliers.



Frequent fuel-pump failure is usually caused by broken diaphragms. To make a diaphragm last longer, install it this way: Assemble the pump, leaving the screws loose. Operate the arm, and when the diaphragm is stretched fully, tighten the screws.