

1971-72 HONDA 600

600 (1971-72)

DESCRIPTION

Gear assembly is mounted to firewall. Pinion gear is secured in housing with "U" shaped thrust washer and lock bolt. Rack adjustment screws are provided at both ends of housing to allow pinion rack backlash adjustment. A breather tube is connected between both bellows to prevent negative air pressure in either bellows when wheels are turned.

REMOVAL & INSTALLATION

Removal – Remove heater-blower unit, carburetor and fan housing. Separate tie rods from knuckle arms and disconnect pinion from lower universal joint after dismantling column assembly from panel. Unbolt gear assembly retaining bolts (two from engine compartment and two from interior). Remove assembly from vehicle.

Installation – Reverse removal procedures.

OVERHAUL

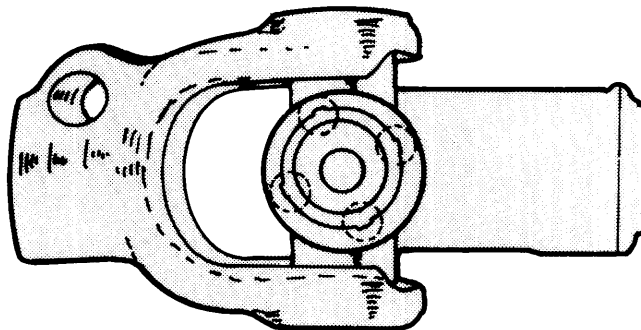
Disassembly – Unclamp bellows and expose tie rod socket connection. Unscrew tie rod from rack. Loosen rack adjusting

nuts and remove adjusting screws, springs, guide center (pinion side only) and rack guide. Turn pinion clockwise and pull rack out of opposite end. To remove pinion, remove nut, and bolt and push pinion downward. Remove thrust washer and pull pinion up and out.

Assembly – Reverse disassembly procedures, greasing components as necessary. Check for axial play in pinion and excessive looseness at tie rod socket connection.

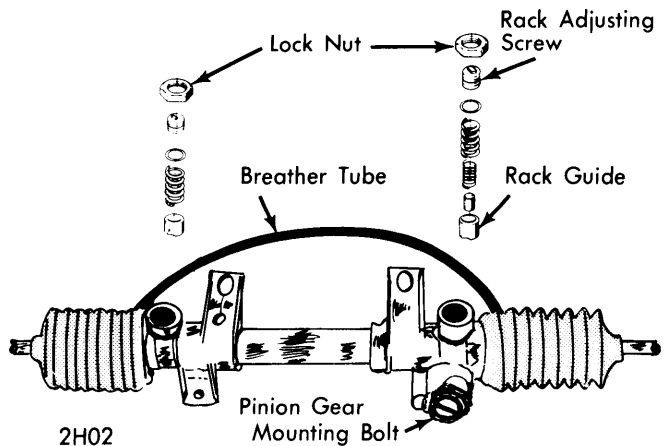
TIGHTENING SPECIFICATIONS

Application	Torque Ft. Lbs.
Rack Adjuster Lock Nut.....	14.5-18
Steering Wheel Nut.....	22-25
Tie Rod Joint-to-Rack	
Sedan.....	32.5-36
Coupe.....	40-43
Tie Rod End Lock Nut	
Sedan.....	32.5-36
Coupe.....	29-32.5
Tie Rod Ball Joint-to-Knuckle Arm	
Sedan.....	25-29
Coupe.....	29-32.5
Gear Box Retaining Bolts.....	14.5-17.5



2H01

FACTORY-SEALED JOINT
(CENTER PUNCHED)



2H02

RACK & PINION GEAR ASS'Y