

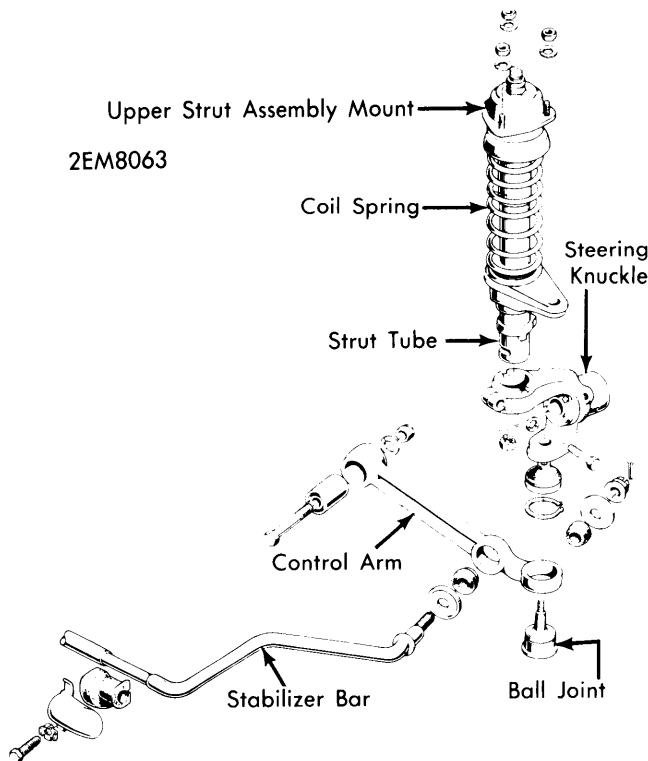
# Front Suspension

## 1971-72 HONDA 600

Honda 600, All Models (1971-72)

### DESCRIPTION

Strut type front suspension with coil springs. Individual strut assembly consists of a coil spring mounted on outside of strut tube. A hydraulic shock absorber is built into strut tube. Strut assembly is mounted between inner fender panel and steering knuckle. Steering knuckle is mounted at bottom to lower control arm by means of a ball joint. A stabilizer bar is mounted to chassis member and connected at ends to lower control arms.



HONDA FRONT SUSPENSION COMPONENTS

### ADJUSTMENT

#### WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

See *Wheel Alignment Specifications & Procedures* in **WHEEL ALIGNMENT** Section.

#### WHEEL BEARING ADJUSTMENT

See *Wheel Bearing Adjustment* in **WHEEL ALIGNMENT** Section.

#### BALL JOINT CHECKING

See *Ball Joint Checking* in **WHEEL ALIGNMENT** Section.

### REMOVAL & INSTALLATION

#### STABILIZER BAR

**Removal** — Raise vehicle and place safety stands under body. Remove brackets securing stabilizer bar to chassis member. Remove cotter pins and nuts securing stabilizer bar ends to lower control arms. Remove stabilizer bar from vehicle.

**Installation** — Reverse removal procedure for installation. Tighten all bolts and nuts to specifications.

#### STRUT ASSEMBLY

**Removal** — Raise vehicle and place safety stands under body. Remove wheel and tire. Remove cotter pin and nut from tie-rod end stud and separate tie-rod end from arm on strut tube with a puller. Remove bolt from clamp retaining strut tube to steering knuckle and separate tube from knuckle. Loosen nuts in center of strut tube upper mount, accessible from inside engine compartment. Remove three outer nuts and washers from upper mount and remove strut assembly from vehicle. Remove nut from center, washer and mount. Compress coil spring with a spring compressor until ring stop on shaft can be rotated easily. Remove stop and release spring compressor. Remove coil spring and components.

**Installation** — Inspect strut shock absorber for leaks or damage. If found defective, replace shock absorber as it can not be overhauled. Reverse removal procedure for installation. Tighten all nuts and bolts to specifications.

#### STEERING KNUCKLE, CONTROL ARM & BALL JOINT

**Removal** — Raise vehicle and place safety stands under body. Remove wheel and tire. Remove brake system components from steering knuckle. **NOTE** — See appropriate story in **BRAKE SYSTEMS** Section for removal. Remove drive axles from steering knuckle. **NOTE** — See appropriate story in **REAR AXLE** Section for removal. Remove cotter pin and nut from ball joint stud. Separate ball joint from steering knuckle. Remove stabilizer bar as previously outlined. Remove control arm pivot bolt and remove control arm from vehicle. Remove bolt from clamp securing steering knuckle to strut assembly and remove steering knuckle from vehicle. Remove boot from ball joint and remove snap ring. Tap on ball joint lightly with a hammer to remove.

**Installation** — Reverse removal procedure for installation. Tighten all nuts and bolts to specifications.

### TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Upper Strut Assembly Mounting Nuts.....	11-14
Steering Knuckle to Strut Assembly Bolt.....	33-36
Ball Joint Stud Nut.....	22-29
Stabilizer Bar to Control Arm Mounting Nuts.....	29-58
Stabilizer Bar to Chassis Mounting Bolts.....	14-17
Control Arm Pivot Bolt Nut.....	29-35
Shock Absorber Stem Nut.....	18-22
Shock Absorber Stem Lock-Nut.....	33-36