

SECTION 4C

STEERING

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GENERAL DESCRIPTION

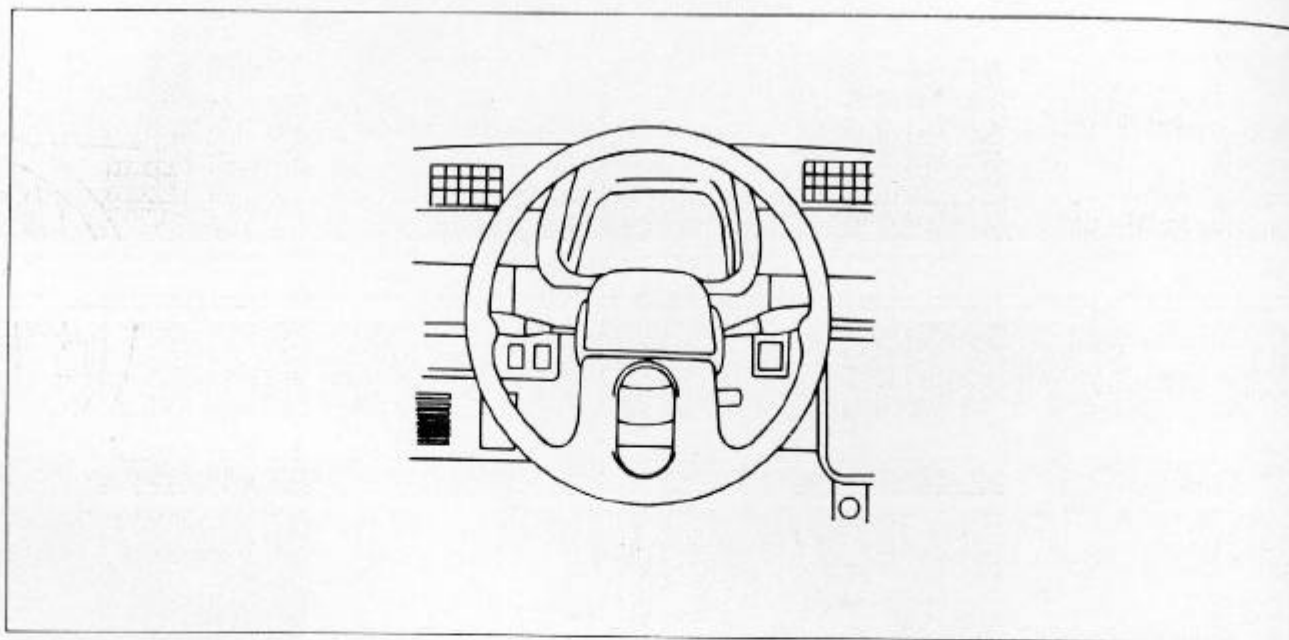


FIG. 4C — 1 STEERING WHEEL

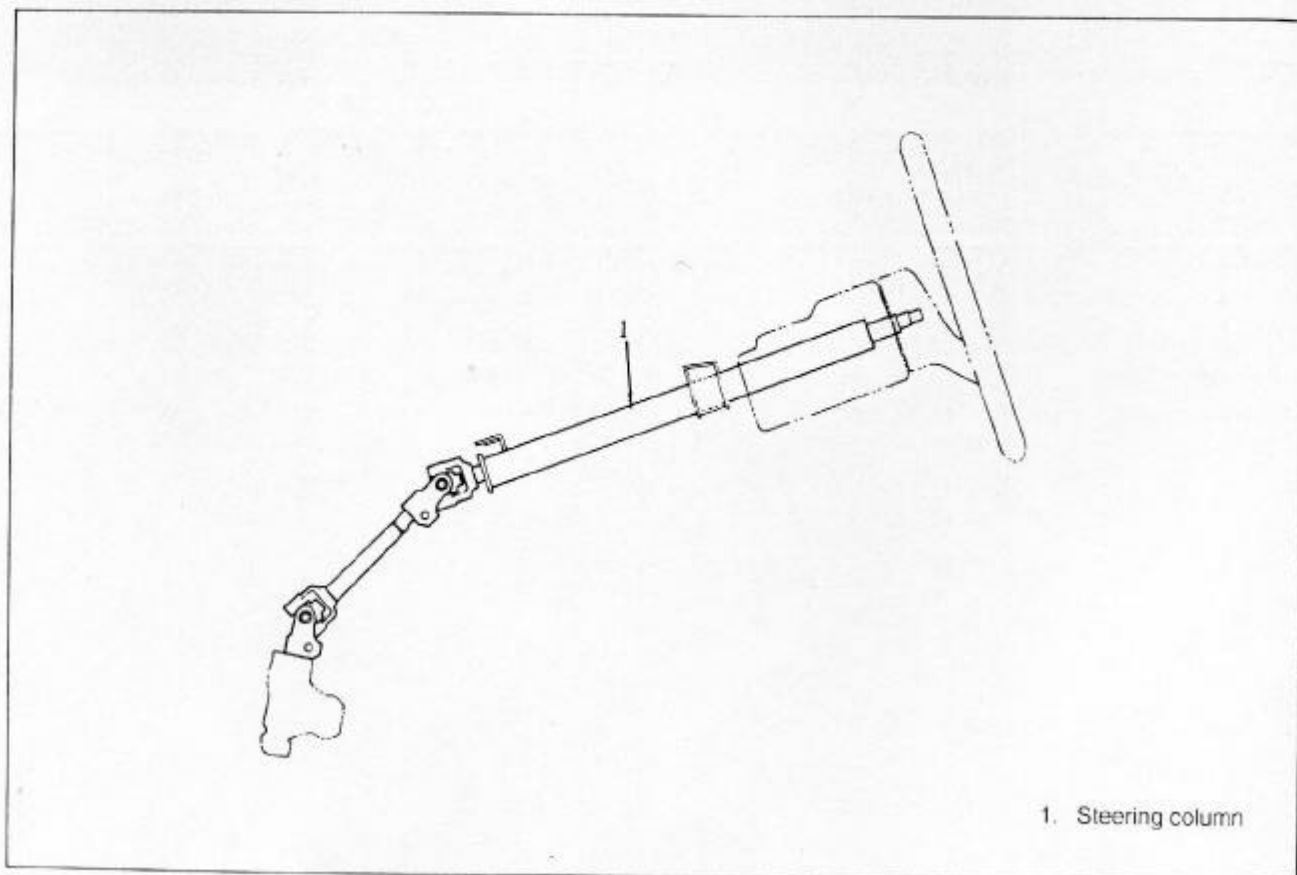


FIG. 4C — 2 STEERING COLUMN SHAFT ASSEMBLY

STEERING HANDLE AND STEERING COLUMN

Tilt and Telescopic Steering

- This is for varying the steering wheel location according to the body size of driver and can be moved back and forth and up and down.

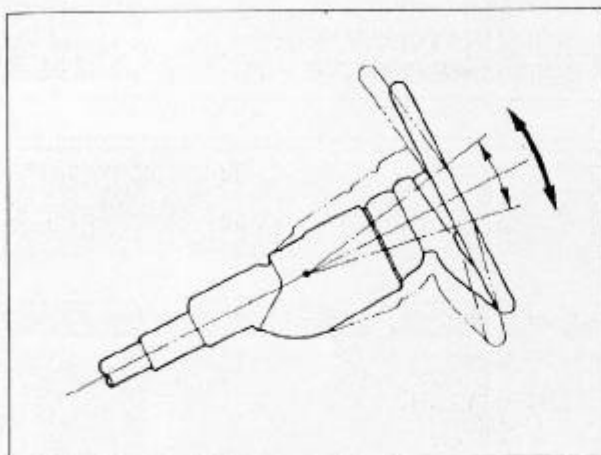


FIG. 4C — 3 TILT STEERING

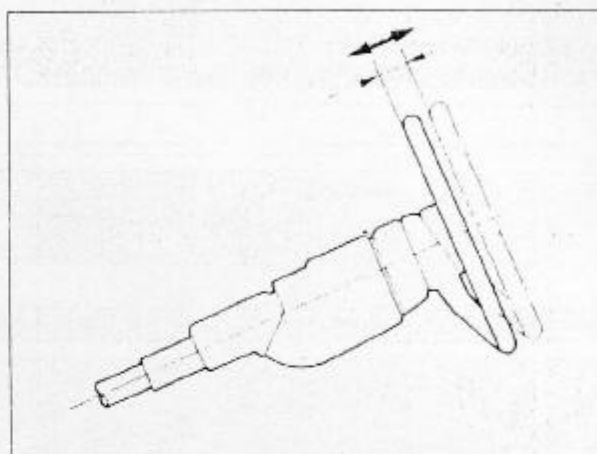


FIG. 4C — 4 TELESCOPIC STEERING

Checking Steering Handle

1. In condition that engine is stopped and steering wheel is in forward direction, if steering wheel is swung slightly, check the circumferential travel is within standard.

Free travel of steering-wheel in circumferential direction(mm)	0-30
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2. Move the steering wheel in axial and normal direction, check if there is no looseness and free travel.
3. Before checking the operating force of steering wheel, locate car on flat surface and rotate steering wheel to forward direction.
4. Check if tire pressure is standard value and start engine.
5. During idling, measure operating force by hooking spring scale to steering wheel and pulling it in rotating direction.

Operating force(kg)	3.5 and less
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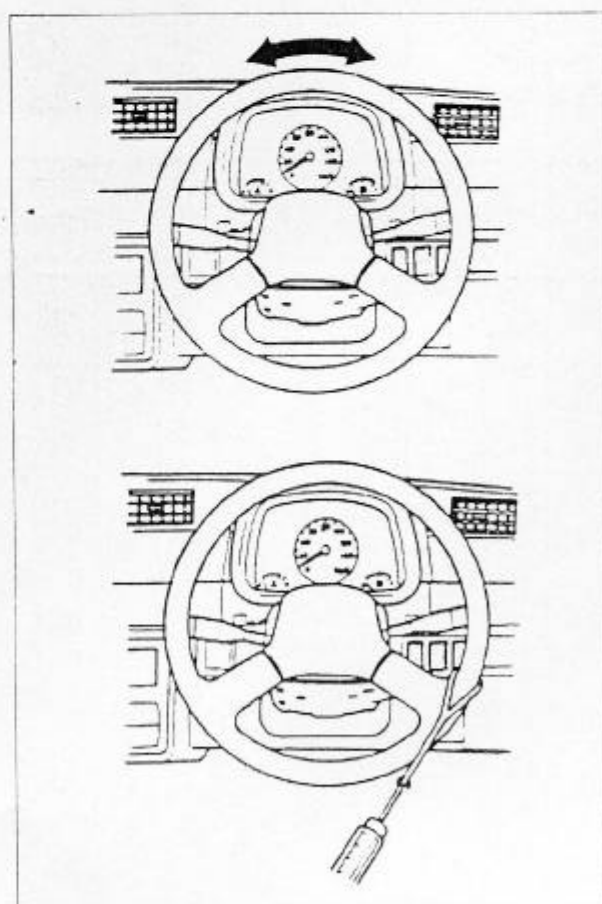


FIG. 4C — 5 CHECKING AND MEASURING STEERING HANDLE

ON-CAR SERVICE

STEERING WHEEL

Removal

1. Disconnect (—) wiring from battery terminal.
2. Remove horn switch button.
3. Remove steering shaft nut.
4. Mark steering wheel and shaft.

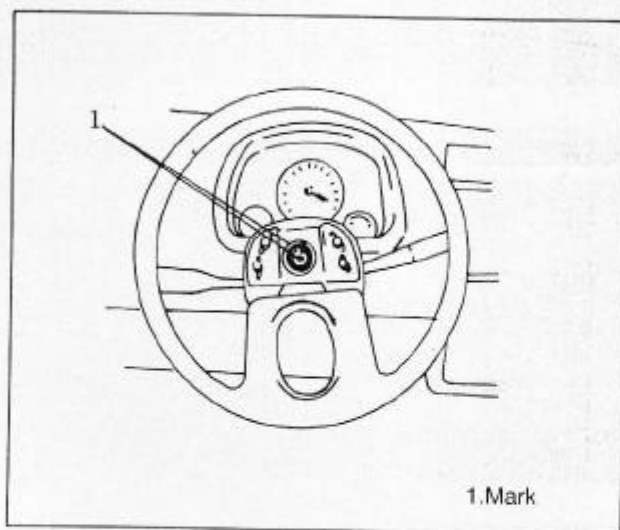


FIG. 4C — 6 MARK STEERING WHEEL AND SHAFT

5. Remove steering wheel using special tool.

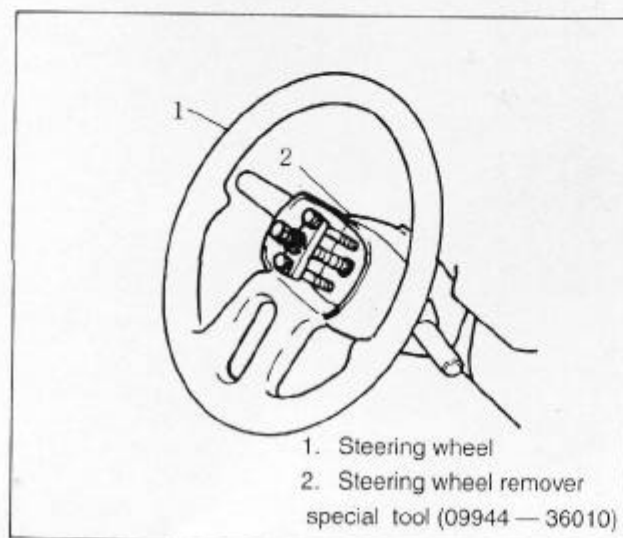


FIG. 4C — 7 REMOVING STEERING WHEEL

Installation

1. Precisely align marks of shaft and steering wheel installation.
2. Tighten steering shaft nut to specified torque.

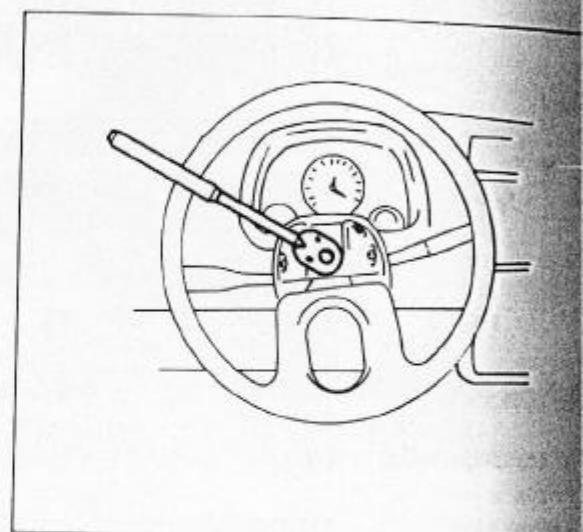


FIG. 4C — 8 TIGHTENING STEERING SHAFT NUT

Steering shaft nut tightening
torque(kg • cm)

250 — 400

3. Install horn switch button.
4. Connect (—) wiring from battery terminal.

COMBINATION SWITCH

Removal

1. Disconnect (—) wiring from battery terminal.
2. Remove steering wheel (refer to preceding page).
3. Remove column cover.
4. Disconnect combination switch connector.
5. Remove combination switch from steering column.

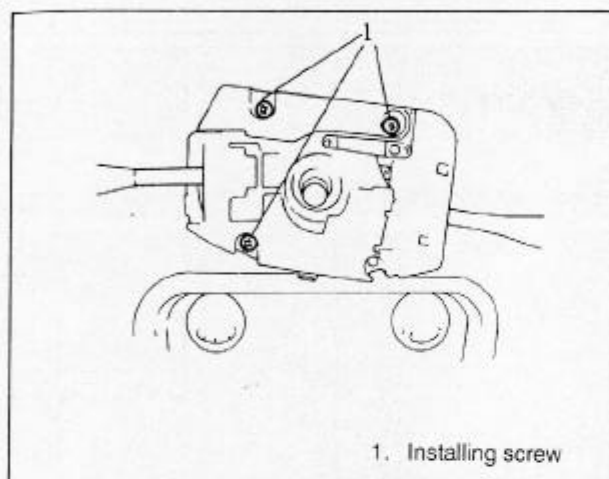


FIG. 4C — 9 REMOVING COMBINATION SWITCH

Installation

It is the reverse of removal procedures.

STEERING COLUMN

Removal

1. Disconnect (—) wiring from battery terminal.
2. Remove steering wheel (refer to preceding page).
3. Remove combination switch (refer to "removing combination switch").
4. Disconnect ignition switch connector.
5. Completely release lower side of steering shaft joint and loosely release upper side.

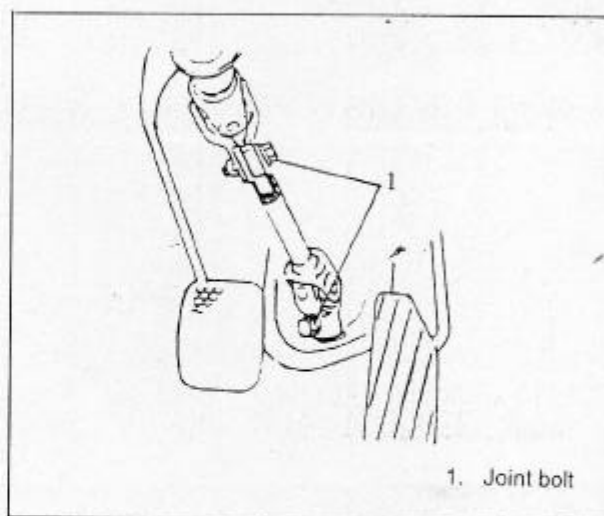


FIG. 4C — 10 REMOVING STEERING SHAFT JOINT

6. Remove 14 steering column installing nut.

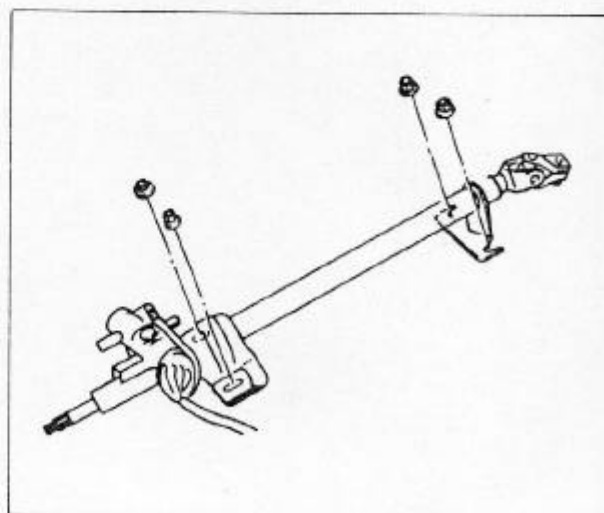


FIG. 4C — 11 REMOVING STEERING COLUMN
INSTALLING NUT

Installation

It is the reverse of removal procedures.

Tightening torque for joint bolt(kg • cm)	200 — 300
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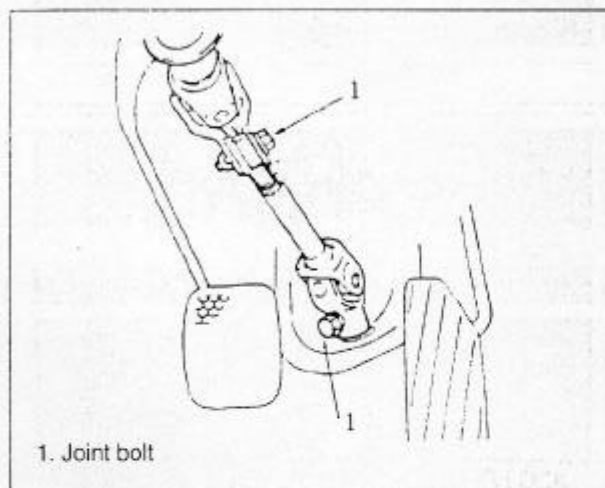


FIG. 4C — 12 INSTALLING JOINT BOLT

STEERING LOCK

Removal

1. Remove column assembly (refer to preceding page).
2. Remove by hitting with hammer using punch and others in counterclockwise direction.

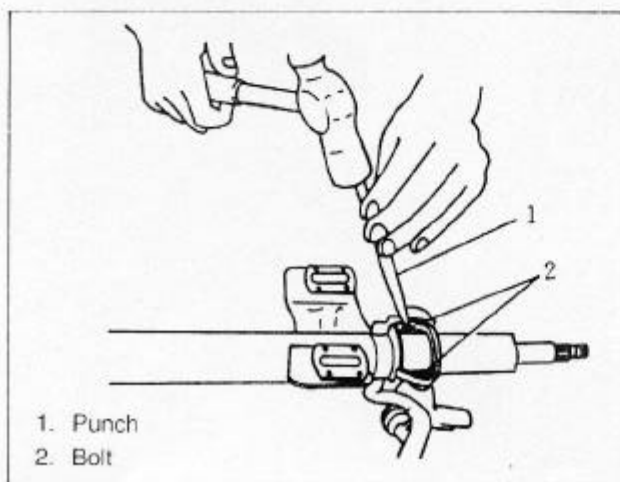


FIG. 4C — 13 DISASSEMBLING STEERING LOCK

Installation

It is the reverse of removal procedures. Take care followings. When assembling, locate lock key in slot and check locked condition.

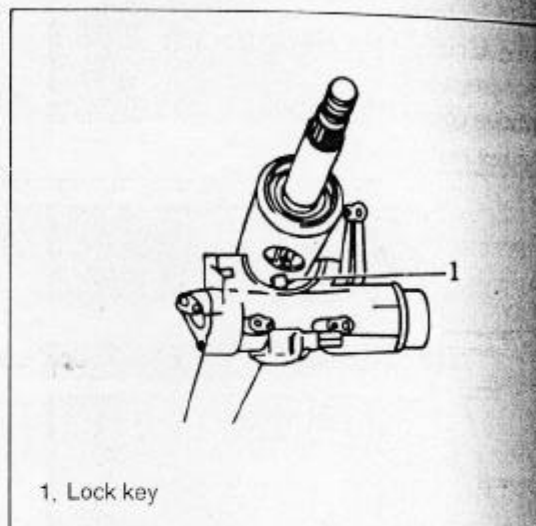


FIG. 4C — 14 ASSEMBLING STEERING LOCK

TIGHTENING TORQUE

Tightening parts	Tightening torque(kg · cm)
Steering shaft nut	250 — 400
Steering shaft joint bolt	200 — 300
Steering column installing nut	110 — 170

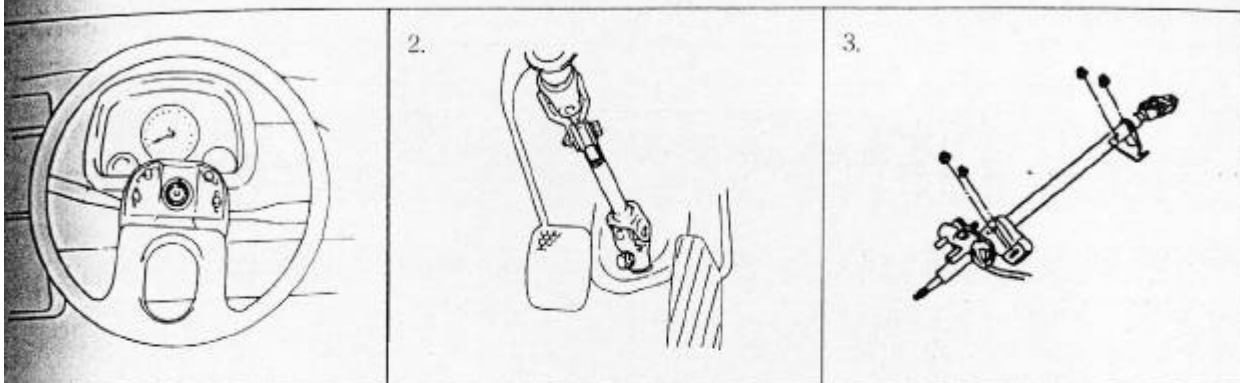
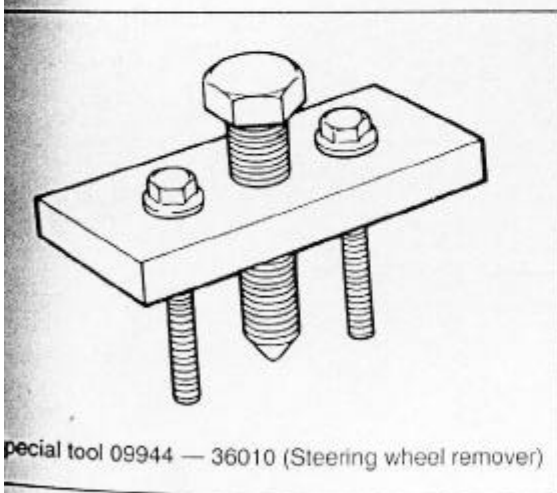


FIG. 4C — 15 TIGHTENING PARTS

SPECIAL TOOLS



Special tool 09944 — 36010 (Steering wheel remover)