

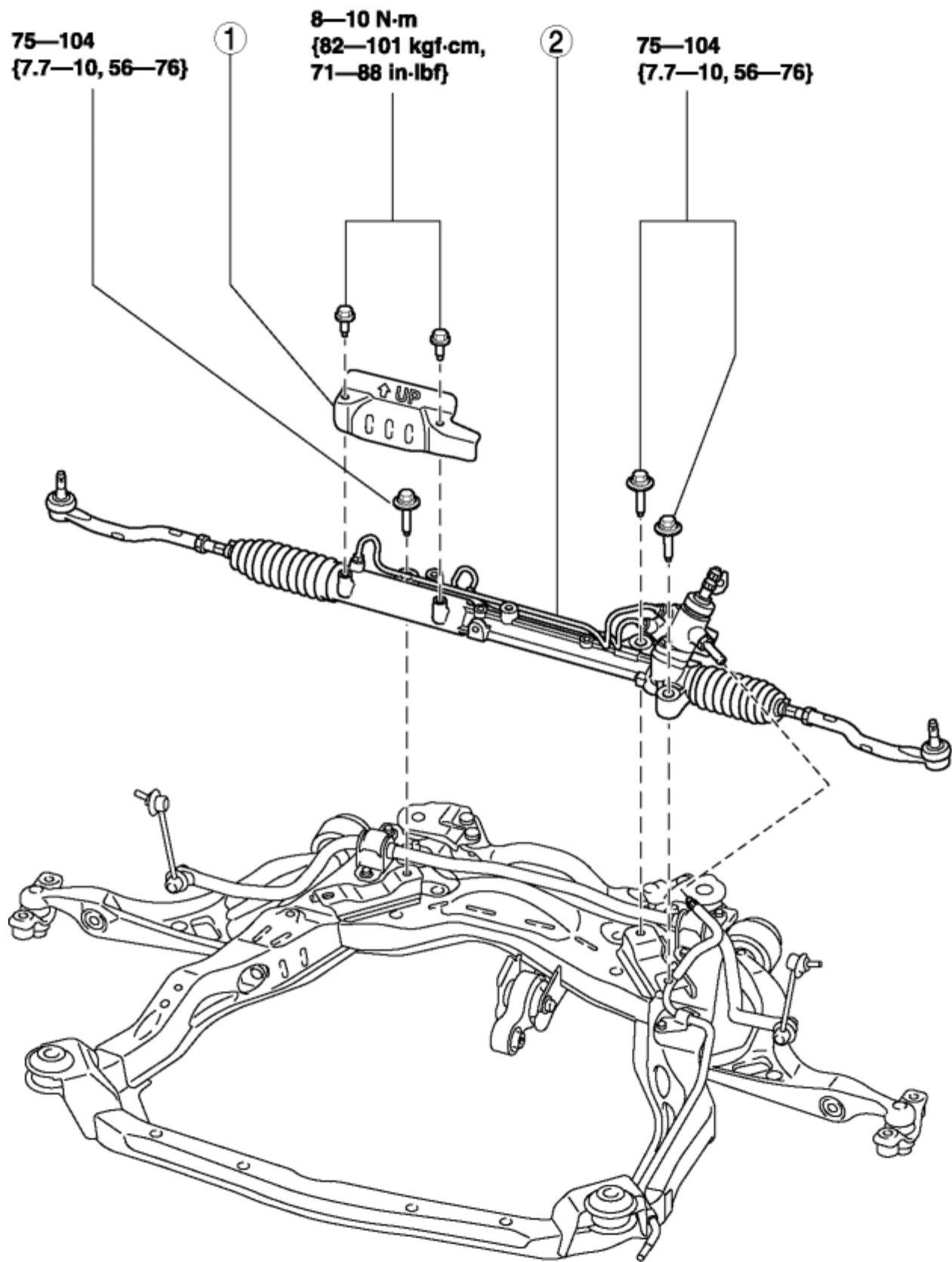
## 2012 - Mazda6 - Steering

### STEERING GEAR AND LINKAGE REMOVAL/ INSTALLATION [MZI 3.7 V6]

#### CAUTION:

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, remove the ABS wheel-speed sensor (axle side) and fix it to an appropriate place where the sensor will not be pulled by mistake while servicing the vehicle.
- Secure the steering wheel using tape or a cable to prevent the steering shaft from rotating after disconnecting the steering shaft. If the steering wheel rotates after the steering shaft and the steering gear and linkage are disconnected, the internal parts of the clock spring could be damaged.

1. Remove the steering shaft cover. (See **STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITHOUT ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]** .) (See **STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]** .)
2. Disconnect the steering shaft from the steering gear and linkage. (See **STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITHOUT ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]** .) (See **STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]** .)
3. Remove the steering dust cover. (See **STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITHOUT ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]** .) (See **STEERING WHEEL AND COLUMN REMOVAL/ INSTALLATION [WITH ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM]** .)
4. Set the front mudguard out of the way. (See **FRONT MUDGUARD REMOVAL/ INSTALLATION** .)
5. Remove the splash shield.
6. Remove the front pipe. (See **EXHAUST SYSTEM REMOVAL/ INSTALLATION [MZI 3.7 V6]** .)
7. Remove the transverse member. (See **TRANSVERSE MEMBER REMOVAL/ INSTALLATION** .)
8. Remove the front crossmember component. (See **FRONT CROSSMEMBER REMOVAL/ INSTALLATION [MZI 3.7 V6]** .)
9. Remove in the order indicated in the table.
10. Install in the reverse order of removal.
11. After installation, inspect the front wheel alignment and adjust it if necessary. (See **FRONT WHEEL ALIGNMENT** .)



**N·m {kgf·m, ft·lbf}**

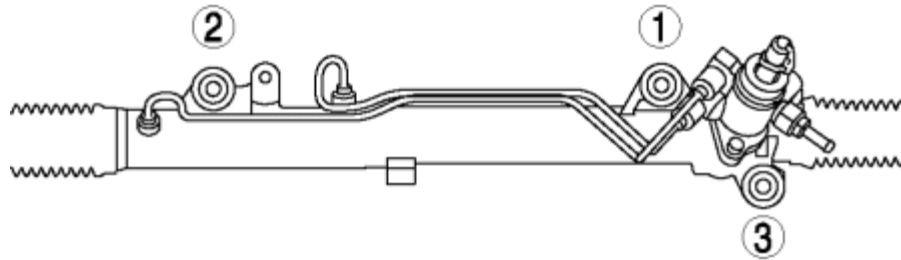
1 Insulator

2 Steering gear and linkage

(See [Steering Gear and Linkage Installation Note.](#))

### Steering Gear and Linkage Installation Note

1. Temporarily tighten the bolts.
2. Tighten the steering gear and linkage installation bolts to the specified torque in the order shown in the figure.



#### Tightening torque

- 75—104 N·m {7.7—10 kgf·m, 56—76 ft·lbf}

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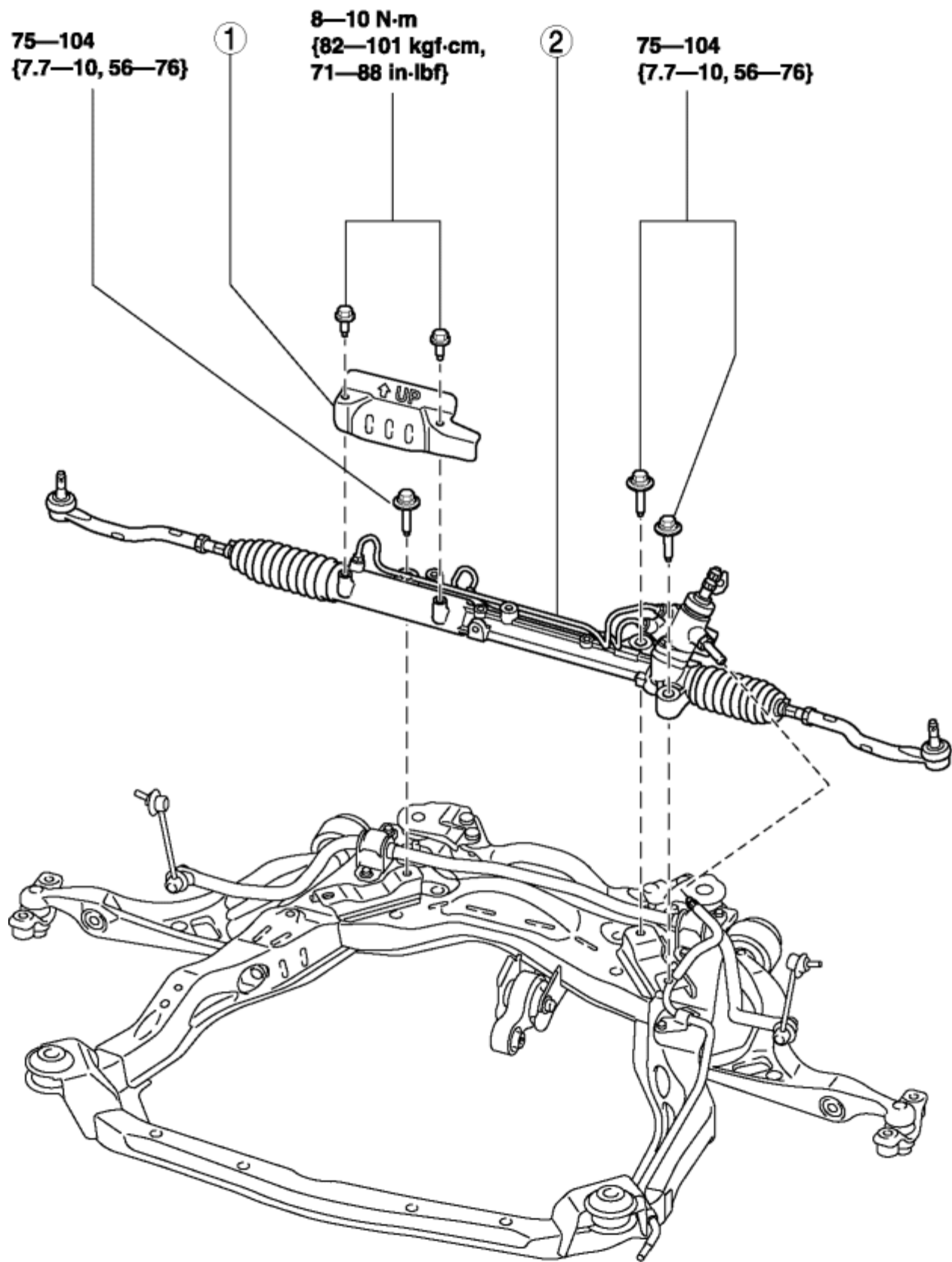
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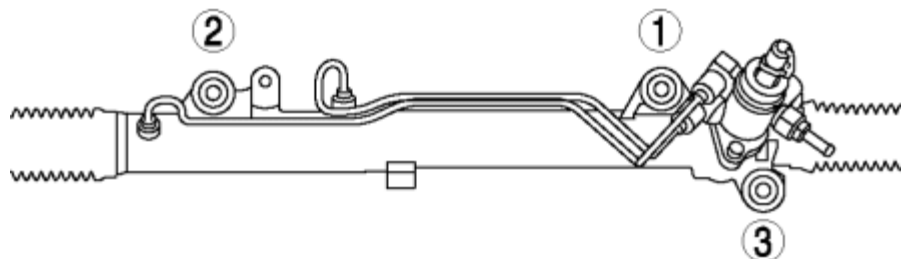
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