

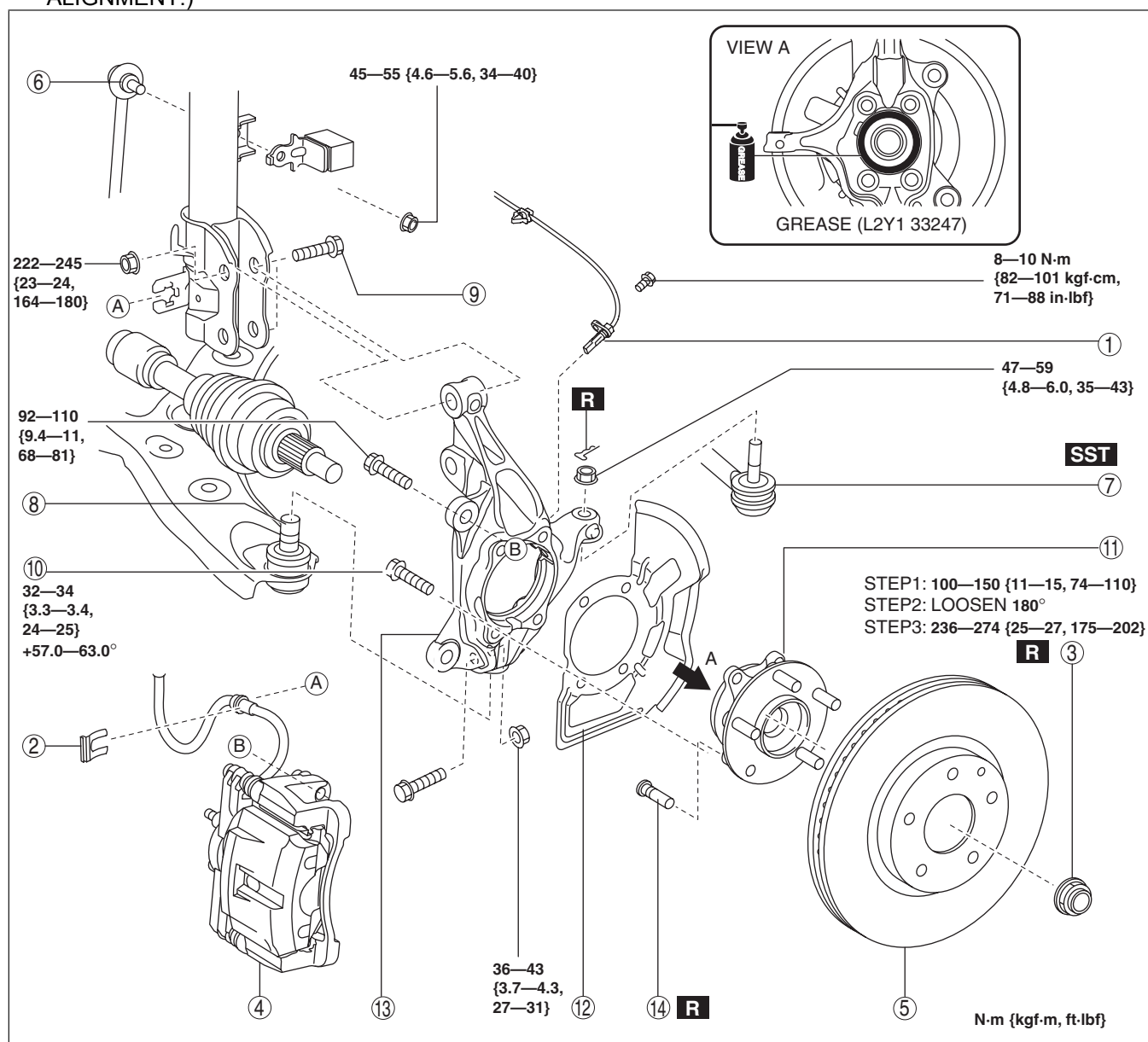
WHEEL HUB, STEERING KNUCKLE REMOVAL/INSTALLATION

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Caution

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the wiring harness if it is pulled by mistake. Before performing the following procedures, disconnect the ABS wheel-speed sensor connector (axle side) and fix the wiring harness to an appropriate place where it will not be pulled by mistake while servicing the vehicle.

- Disconnect the front ABS wheel-speed sensor. (See FRONT ABS WHEEL-SPEED SENSOR REMOVAL/INSTALLATION.)
- Remove in the order indicated in the table.
- Install in the reverse order of removal.
- After installation, inspect the front wheel alignment and adjust it if necessary. (See FRONT WHEEL ALIGNMENT.)



1	ABS wheel-speed sensor
2	Brake hose clip
3	Locknut (See Locknut Removal Note.) (See Locknut Installation Note.)
4	Brake caliper component (See Brake Caliper Removal Note.)

5	Disc plate
6	Stabilizer control link (upper side)
7	Tie-rod end ball joint (See FRONT CROSSMEMBER REMOVAL/ INSTALLATION.)
8	Front lower arm ball joint

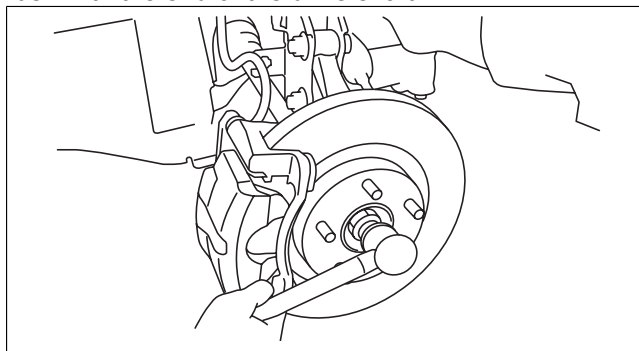
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9	Front shock absorber bolt (See Locknut Installation Note.)
10	Bolt (wheel hub) (See Front Shock Absorber Bolt Installation Note.)
11	Wheel hub (See Wheel Hub Installation Note.)

12	Dust cover
13	Steering knuckle
14	Wheel hub bolt (See Wheel Hub Bolt Removal Note.) (See Wheel Hub Bolt Installation Note.)

Locknut Removal Note

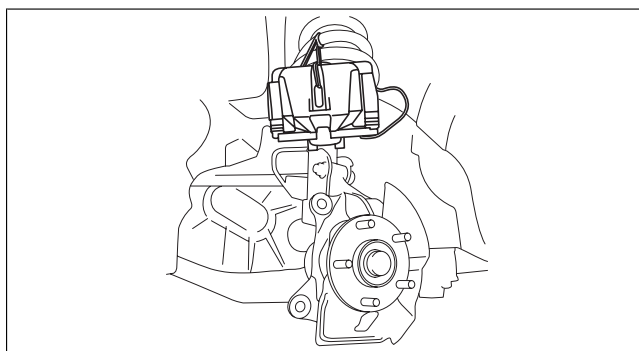
1. Remove the locknut.
2. Install a spare nut onto the drive shaft so that the nut is flush with the end of the drive shaft.
3. Tap the nut with a copper hammer to loosen the drive shaft from the front wheel hub.
4. Separate the drive shaft from the wheel hub.



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Brake Caliper Removal Note

1. Remove the brake caliper component from the steering knuckle and suspend it out of the way using a cable.



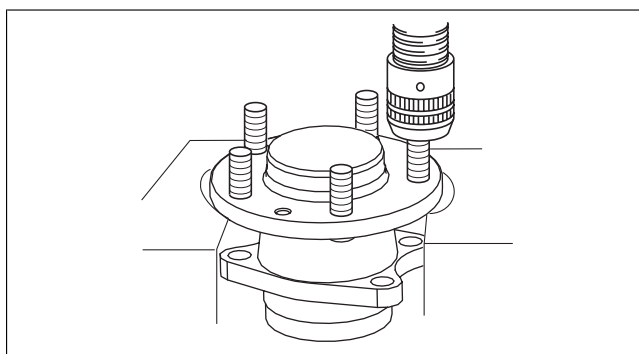
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Wheel Hub Bolt Removal Note

Note

- The wheel hub bolts do not need to be removed unless they are being replaced.

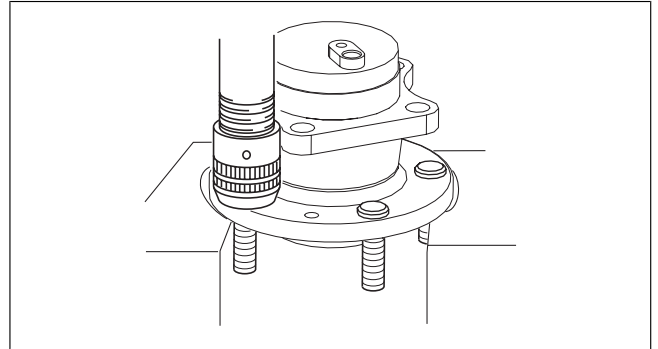
1. Remove the wheel hub bolt using a press.



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Wheel Hub Bolt Installation Note

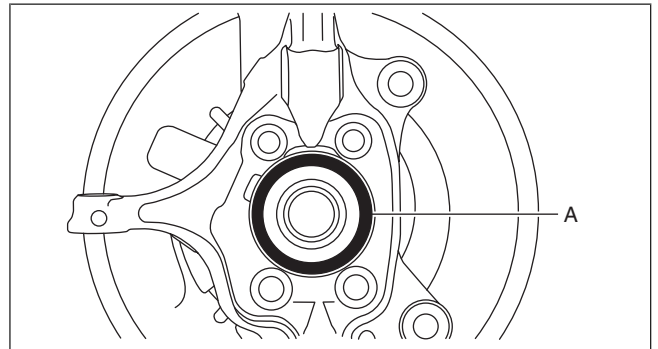
1. Install the new wheel hub bolt using a press.



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Wheel Hub Installation Note

1. Apply grease (L2Y1 33247) to the wheel bearing inner race and drive shaft contact surface (Area A in figure).



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Bolt (Wheel Hub) Installation Note

Caution

- The wheel hub installation bolts are tightened to a specific angle, but they are not plastic tightening bolts. Accordingly, the bolt length inspection is not needed.

Front Shock Absorber Bolt Installation Note

1. Install the steering knuckle to the front shock absorber, insert the bolts from the direction shown as follows, then tighten them to the specified torque.
 - Vehicle right side: Insert the bolts from the vehicle front.
 - Vehicle left side: Insert the bolts from the vehicle rear.

Locknut Installation Note

1. After tightening the locknut once at a torque of **100—150 N·m {11—15 kgf·m, 74—110 ft·lbf}**, loosen it **180 degrees** once, and then retighten it at a torque of **236—274 N·m {25—27 kgf·m, 175—202 ft·lbf}**.