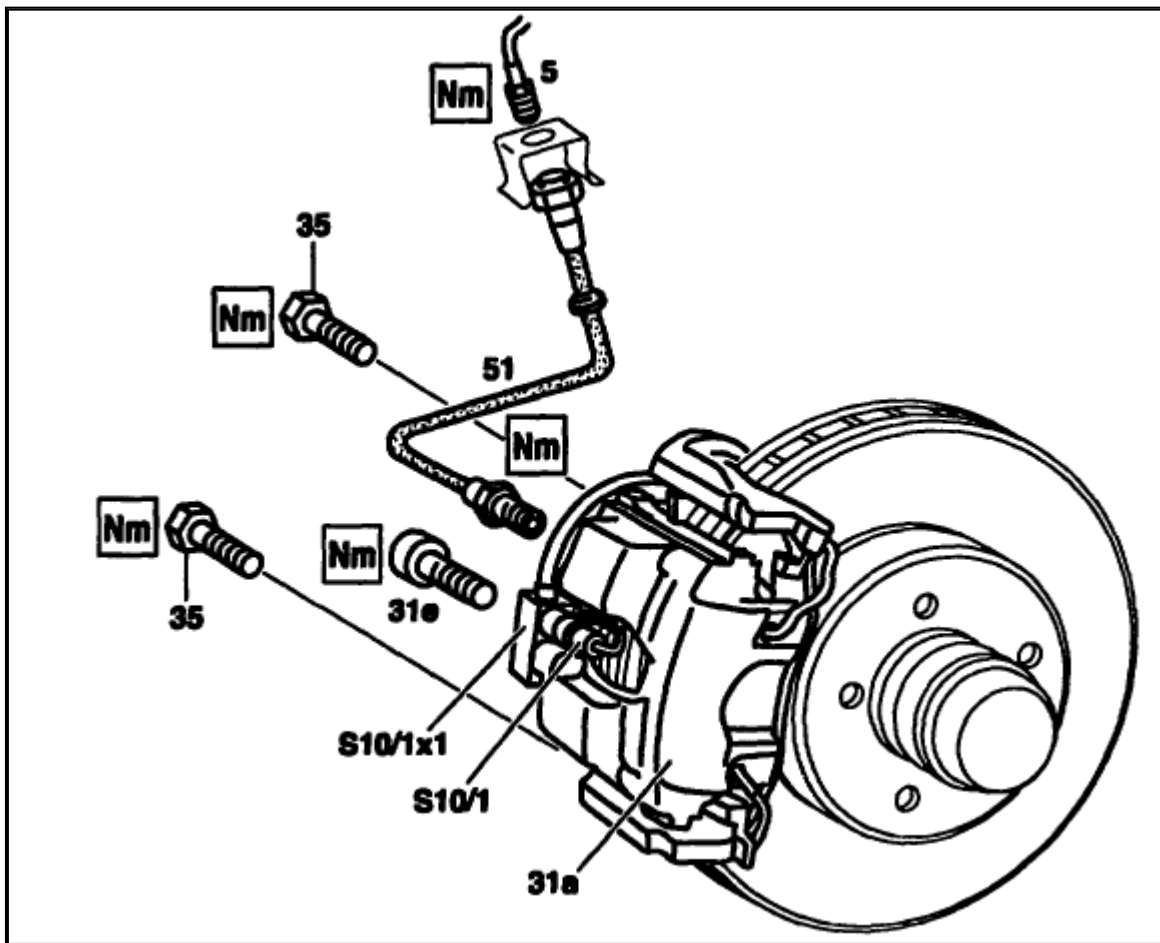


**2002 Mercedes Benz E 320 Sedan (210.065) V6-3.2L (112.941)**

[Vehicle Level](#) → [Brakes and Traction Control](#) → [Disc Brake System](#) → [Brake Caliper](#) → [Service and Repair](#)  
 → [AR42.10-P-0070BM Remove/Install Front Axle Brake Caliper](#) ←

**AR42.10-P-0070BM Remove/Install Front Axle Brake Caliper**

**NOTE:** For model name/model number cross reference refer to Model Designation Table. [See: Application and ID](#)




**DANGER**

- Risk of poisoning due to consuming [brake fluid](#).
- Risk of injury due to [brake fluid](#) coming into contact with the skin or eyes.
- Only pour [brake fluid](#) into suitable, appropriately marked containers.
- Wear protective clothing and safety glasses when handling [brake fluid](#).

**Removal**

1. First disconnect brake hose (51) on brake pipe (5) and then on floating caliper (31a).
  - Immediately seal connections with plugs.
  - The brake fluid reservoir must not empty completely.
2. Disconnect front [brake pad wear sensor](#) (S10/1) from connector (S10/1x1).
3. Unscrew and discard microencapsulated bolt (31e) for front [brake pad wear sensor](#) connector (S10/1xl) on floating caliper
4. Remove and discard self-locking bolt (35)
5. Unscrew floating caliper (31a) together with brake caliper carrier.

## Installation

6. Install in reverse order, noting the following
  - Replace self-locking bolts (35) for caliper carrier, tighten to **115 Nm** .
  - Tighten microencapsulated bolt (31e) for front [brake pad wear sensor](#) connector to **30 Nm**

## NOTE:

- Install one or two wear sensors for each wheel side corresponding to the number of sensor plug contacts.
- Location of wear sensors for: Lucas floating caliper: on outer [brake pad](#).

Teves floating caliper: on inner [brake pad](#)

- One wear sensor is installed on model 202 and taxi version as of 09.95.
- Tighten brake pipe (5) on brake hose (51) to: Except model 210 **14 Nm**

Model 210: **18 Nm**

- Tighten brake hose (51) on floating caliper (31a) to: **18 Nm**
- Refer to Replacement, for notes on installing brake hoses. [See: Hydraulic System\Brake Hose/Line\Service and Repair](#)

## NOTE:

- Brake hose connection on brake pipe modified.
- The versions are not interchangeable.
- Refer to notes on installing [brake pad](#) wear indicator contact sensors. [See: Brake Warning Indicator\Brake Pad Wear Sensor\Service and Repair](#)

7. Bleed brake system. [See: Brake Bleeding\Service and Repair](#)
8. Check brake system for leaks, refer to Using Pedal Pressure. [See: Hydraulic System\Testing and Inspection](#)

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