

Distribution: © BMW NA	Operating Manager	<b>Sales Manager</b>	Accessory Manager	Parts. Manager	<b>Service Manager</b>	<b>Set-Up Workshop</b>
Bulletin Date: 11/11/98 Bulletin #2850		Main Group: 00 Maintenance & General Hints		For USA Only		

# BMW Motorcycles

## Service Bulletin

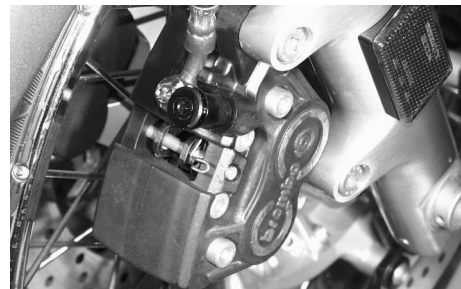


### Subject: Modification to Front Brake and Clutch Systems

#### Modification to Brake:

The bleed screw at the right front brake caliper has been deleted.

A filling point with check valve is now installed rather than the bleeder screw.



#### Modification to Clutch:

The bleed screw on the clutch bleed hose is deleted.

A filling point with check valve is now installed rather than the bleeder screw.



#### Reason:

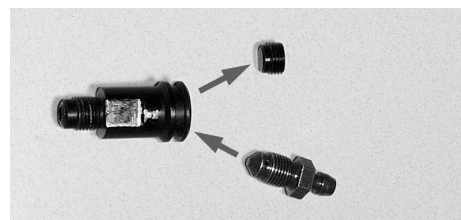
The front brake and clutch hydraulic lines are now being filled at the Berlin factory with a new filling system, which is connected to the new filling points.

#### Introduction:

Filling points (PN 32 72 2 333 158) have been installed on all models after the 1998 production break.

#### Fluid Renewal / Bleeding Procedure:

- A bleed screw (PN 34 21 2 330 310) will be needed to complete this task.



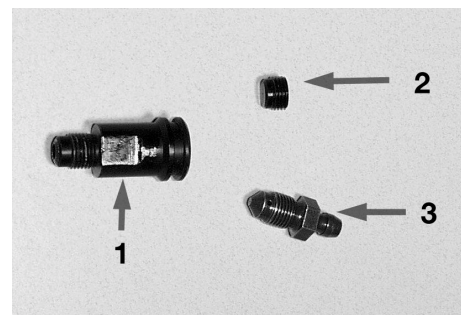
#### Special Tool Note:

It is recommended that all technicians obtain one bleed screw and keep it as a special tool in their tool box.

Please initial and route to the following before filing							
Service	Parts	Sales	Warranty	Tech #1	Tech #2	Tech #3	Tech #4

**Fluid Renewal / Bleeding Procedure:**

- Take the Allen set screw (2) out of the filling point (1).
- Connect your workshop brake bleeding device to the bleed screw (3) **prior** to threading it into the filling point.
- With the brake bleeding device attached, tighten the bleed screw (3) fully **by hand** at the filling point (1) so that the check valve is closed.
- Open bleeding screw (3) again by ½ turn (check valve open).
- Draw off brake fluid until it emerges clear and free from air bubbles.
- Unscrew bleed screw (3) from filling point (1) and detach the brake bleeding device from the bleed screw (3).
- Using a “Q-Tip”, remove any excess brake fluid sitting in threads of the filling point (1).
- Insert Allen set screw (2) into the filling point (1) and tighten to a **torque of 10 Nm**.



**Note:** The filling point (1) check valve functions such that it is closed when the bleed screw (3) is screwed all the way in **or** all the way out. In between, fluid flows freely.

**Caution:** Protect painted areas around filling point (1) from brake fluid drips while bleeding, by surrounding the filling point (1) with shop towels.

**Caution:** As the bleed screw (3) is tightened, the valve in the filling point (1) opens and brake fluid flows out immediately. The brake bleeding device must be connected to the bleed screw **before** it is threaded into the filling point.

**Warning:** The motorcycle must never be ridden without the Allen set screw inserted and tightened at the filling point!

Very truly yours,

Frank Stevens  
After Sales Manager  
Motorcycle Group

Pat Raymond  
Service Organization Manager