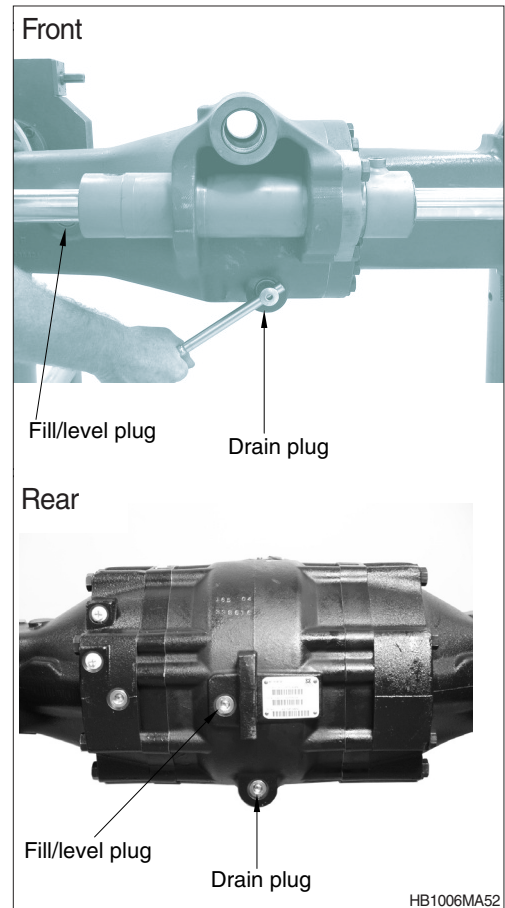


16. AXLES

1) CHECK AND SUPPLY DIFFERENTIAL OIL

▲ Park the machine on level ground, lower the attachments to the ground. Block both sides of all four wheels.

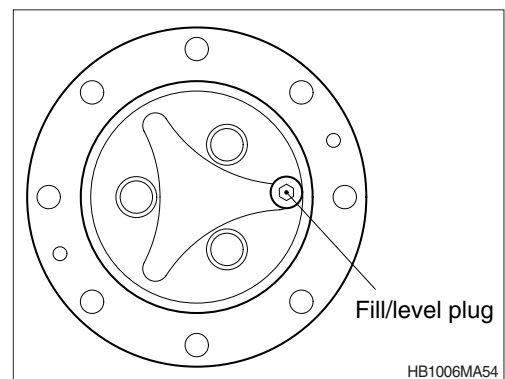
- (1) Park the machine on level ground. Engage the park brake. Set the FNR lever to neutral. Lower the attachments to the ground. Stop the engine and remove the starter key.
- (2) Clean the area around fill/level plug, then remove the plug and its sealing washer. Oil should be level with the bottom of the hole. Add recommended oil if necessary.
- (3) Clean and refit the plug with O-ring.



2) CHECK AND SUPPLY HUB OIL

Check each hub separately.

- (1) Park the machine on level ground with the oil level mark horizontal. There is a tolerance of 5 mm (0.2 in) above or below the horizontal.
- (2) Engage the park brake. Set the FNR lever to neutral. Lower the attachments to the ground. Stop the engine and remove the starter key.
- (3) Clean the area around the fill/level plug. Remove the plug. Oil should be level with the bottom of the hole. If necessary, add the recommended oil. Clean the plug before refitting it.

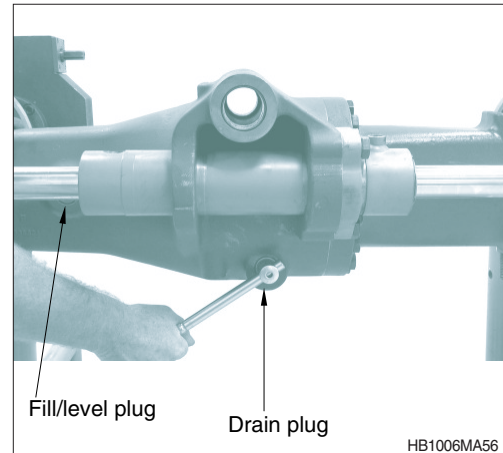


3) CHANGING THE DIFFERENTIAL OIL

The axle oil is used to lubricate the brake components and cool the brake plates.

▲ Park the machine on level ground, lower the attachments to the ground. Block both sides of all four wheels.

- (1) Park the machine on level ground. Engage the park brake. Set the FNR lever to neutral. Lower the attachments to the ground. Stop the engine and remove the starter key.
- (2) Place a container of suitable size beneath drain plug to catch the oil. Remove the drain plug and O-ring. Allow oil to drain out. The drain plug is magnetic. Wipe it clean. (Metallic particles should be carefully removed). Fit drain plug with O-ring.
 - Tightening torque : 7.9 kgf·m (60 lbf·ft).
- (3) Fill with recommended oil through fill/level hole. Clean and refit plug with O-ring.
 - Tightening torque : 7.9 kgf·m (60 lbf·ft).



4) CHANGE HUB OIL

Change the oil in each hub separately.

- (1) Set the machine level, with the tires just clear of the ground. Manually rotate the wheels to bring the oil level mark on the hubs to the vertical position, with the fill/level plug at the bottom.
 - ① Place a container of suitable size beneath plug to catch the oil.
 - ② Remove fill/level plugs. Allow time for the oil to drain out.
- (2) Set oil level marks to the horizontal.
 - ① Fill the hubs with recommended axle oil, through the fill/level hole. Oil should be level with the bottom of the fill/level hole.
 - ② Clean and refit fill/level plugs.

