

Installation of the Breather Extension on the Drive Gearbox BP 660 / BP 965 and BP 661



Shut down the tractor and remove the key before repairing, servicing, lubricating or cleaning the machine. Disconnect the driveline from the tractor before doing any work.

Relieve all hydraulic pressure in the hoses. Disconnect the hydraulic hoses from the tractor before going near the machine.

Securely block the machine to avoid any movement while doing the work.



If you have a BP 660 / BP 965:

1. Connect the expansion tank (6), breather cap (1) and hydraulic fitting adapter (3) together, see [Table 1](#) and [Figure 1](#).

Item	Description
1	HYD,CAP,BREATHER,12MP
2	HYD,FIT,ELBOW,8FJX-8MJ90
3	HYD,FIT,ADAPTER,8MP-8MJ
4	HYD,HOSE,3/8X28,8FJX-8FJX,2W
5	HYD,FIT,ADAPTER,6MP-8MJ
6	WLDT,TANK,EXPANSION

Table 1 : Breather extension components

2. Fasten the breather extension mount (8) to the machine using existing hardware, see [Figure 1](#).
3. Remove the top oil fill plug (1) on the main drive gearbox, see [Figure 2](#).
4. Connect the hydraulic fitting adapter (5) to the gearbox, see [Figure 1](#).
5. Loosely attach the 90° elbow (2) to the adapter (5) on the gearbox, see [Figure 1](#).

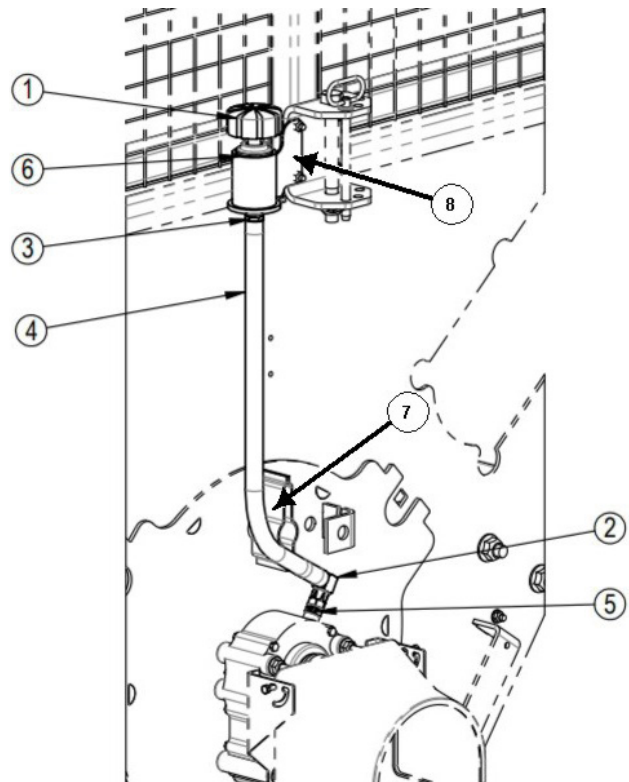


Figure 1: Install breather extension

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6. Attach the hydraulic hose (4) to the elbow (2) and the hydraulic fitting adapter (3) that was previously mounted, see *Figure 1*.
7. Ensure the hydraulic hose is clear of the knife relief (7), see *Figure 1*.
8. Tighten the fittings from top to bottom.
9. Refer to 'Section 5 - Maintaining the BP 660' or 'Section 5 - Maintaining the BP 965' in your Operator Manual for the correct procedures on how to change the gearbox oil.
 - a. For best results, use EP150 or EP220 synthetic gear oil.

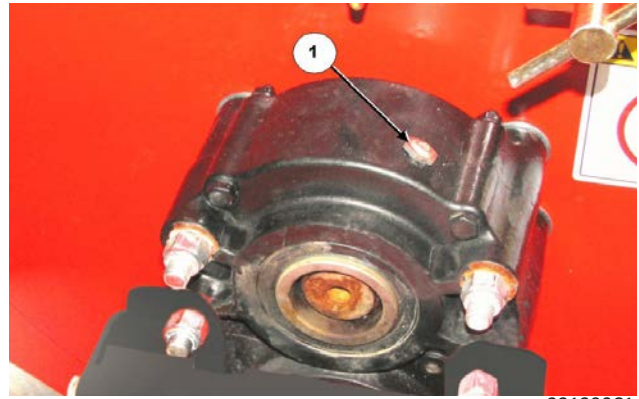


Figure 2: Remove gearbox fill plug

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If you have a BP 661:

1. Connect the expansion tank (7), breather cap (1) and hydraulic fitting adapter (4) together, see *Table 2* and *Figure 3*.
2. Fasten the breather extension mount (9) to the machine using existing hardware, see *Figure 3*.

Item	Description
1	HYD,CAP,BREATHER,12MP
2	HYD,FIT,ELBOW,8FJX-8MJ90
3	HYD,FIT,ELBOW,8FJX-8MJ45
4	HYD,FIT,ADAPTER,8MP-8MJ
5	HYD,FIT,ADAPTER,6MP-8MJ
6	HYD,HOSE,3/8X32,8FJX-8FJX,2W
7	WLDT,TANK,EXPANSION

Table 2: Breather extension components

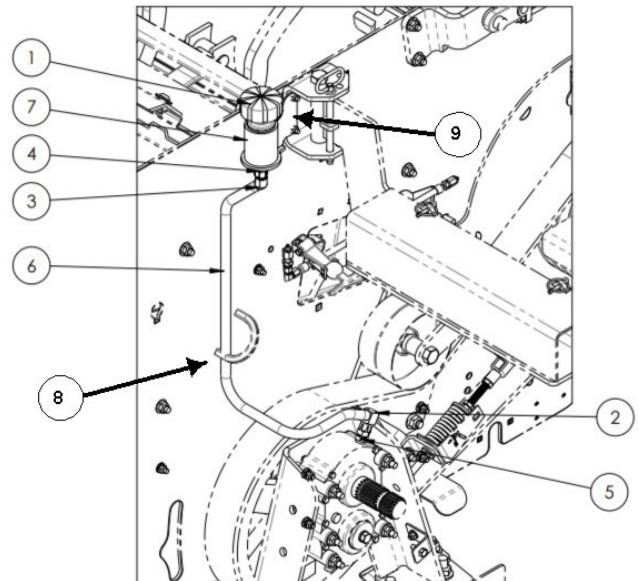


Figure 3: Install breather extension

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Installation of the Breather Extension on the Drive Gearbox

BP 660 / BP 965 and BP 661

3. Remove the top oil fill plug (1) on the main drive gearbox, see *Figure 4*.
4. Connect the hydraulic fitting adapter (5) to the gearbox, see *Figure 3*.
5. Loosely attach the 90° elbow (2) to the adapter (5) on the gearbox, see *Figure 3*.
6. Loosely attach the 90° elbow (3) to the adapter (4), see *Figure 3*.
7. Route the hydraulic hose (6) through the gaurding (8) (not shown for clairity) and attach to elbows (2) and (3), see *Figure 3*.
8. Secure the hydraulic hose (6) to existing hoses and ensure it is clear of the belt drive, see *Figure 3*.
9. Tighten the fittings from top to bottom.
10. Refer to 'Section 5 - Maintaining the BP 661' in your Operator Manual for the correct procedures on how to change the gearbox oil.
 - a. For best results, use EP150 or EP220 synthetic gear oil.

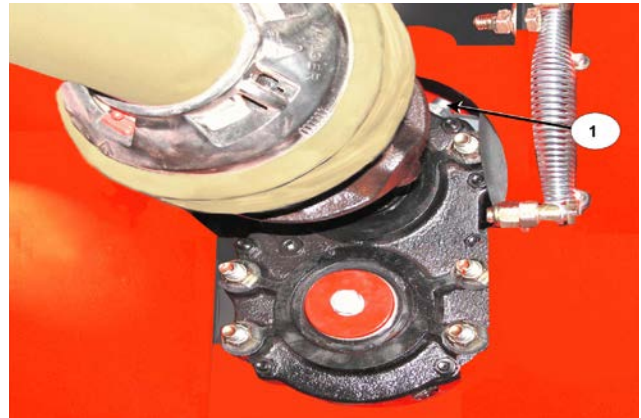


Figure 4: Remove gearbox fill plug

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