

TECHNICAL BULLETIN



Subject:

New Sight Glass Position

Bulletin #:	Rev:	Created by:	Date:
00-120965-0	B	RZV	2021-01-18

ECR #	85162	Production: <input checked="" type="checkbox"/>	Service: <input checked="" type="checkbox"/>	Sales: <input checked="" type="checkbox"/>
Product Lines:		Transportation Equipment: <input checked="" type="checkbox"/>	Pneumatic Equipment: <input checked="" type="checkbox"/>	

The volume of oil in the drive side of the blower has been increased by 150 mL on the model 510 blower, and 300 mL on the model 614 blower. This change was made in an effort to extend blower life, and improve the condition of the oil on the drive side of the blower.

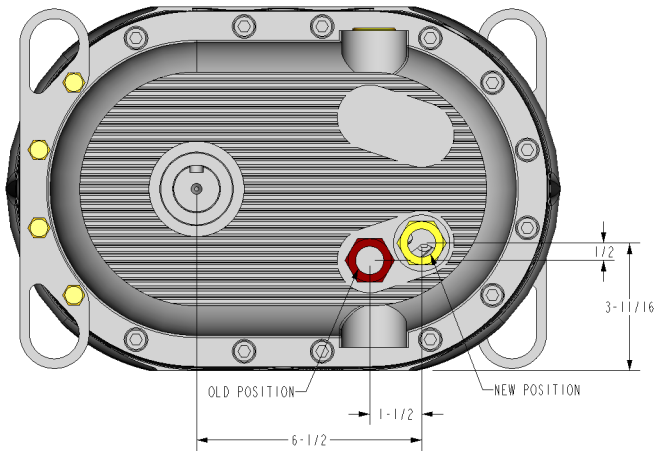


Figure 1: New Sight Glass Position 510

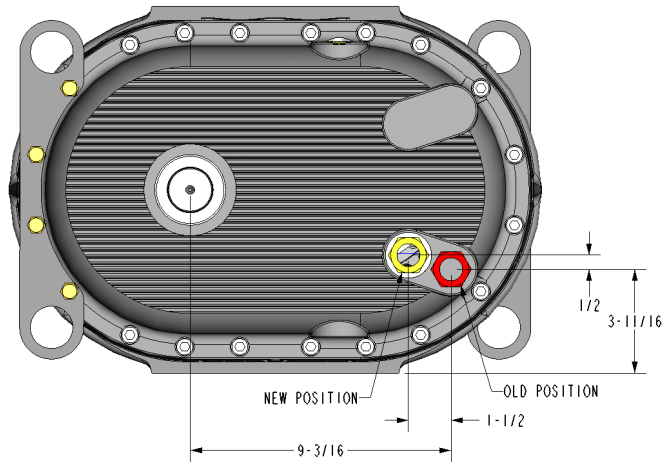


Figure 2: New Sight Glass Position 614

Because of this change the sight glass, used to determine oil level, has been repositioned. The new location of the sight glass is raised up 1/2" for both model 510 and 614 blowers, 1-1/2" further from the drive shaft for model 510 blowers, and 1-1/2" closer to the drive shaft for model 614 blowers (see figure 1 and 2).

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The new sight glass position may interfere in some applications:

- All Blower packages (pre 2018)
- All 5614 Agri-Vacs (pre 2018)
- All Agri-Vacs (pre 2010)
- All Ultra-Vacs (pre 2011)

In order to fit a new or rebuilt blower onto one of the older units listed above, modifications may be required:

Option 1: The sight glass can be replaced with a flush mounted Allen head plug (57-121013-6).

- a) This will eliminate the ability of the user to quickly ensure the presence of oil in the oil cavity.
- b) Users will need to ensure the presence of oil by removing the fill plug and inspecting the oil cavity prior to starting their machine.

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Option 2: A hole may be cut into the frame for the sight glass to fit into.

- a) Using a 1-3/4" drill or hole-saw, cut a hole in the belt housing where the blower meets the frame, in the location specified in figure 1 or 2 depending on your blower model.
- b) With the sight glass installed in the new position, it may be difficult to clearly observe the oil level. To help improve sight glass visibility, using a drill or hole-saw, cut an additional hole, 2-1/2" diameter, into the frame in a position that would allow visibility of the sight glass. Then use 3/16" self drilling/self tapping screws to fasten the cover (11-132787-4) in place, ensuring that the unit remains safe to operate.
- c) Figure 3 shows some examples of where to cut the holes, and how install the cover, however each unit is different and it may be valuable to position the opening in another location.

Please contact your Walinga representative for more details if you have any questions or concerns.

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ECR # 85162 Product Lines: Transportation Equipment: X Production: X Service: X Sales: X Pneumatic Equipment: X

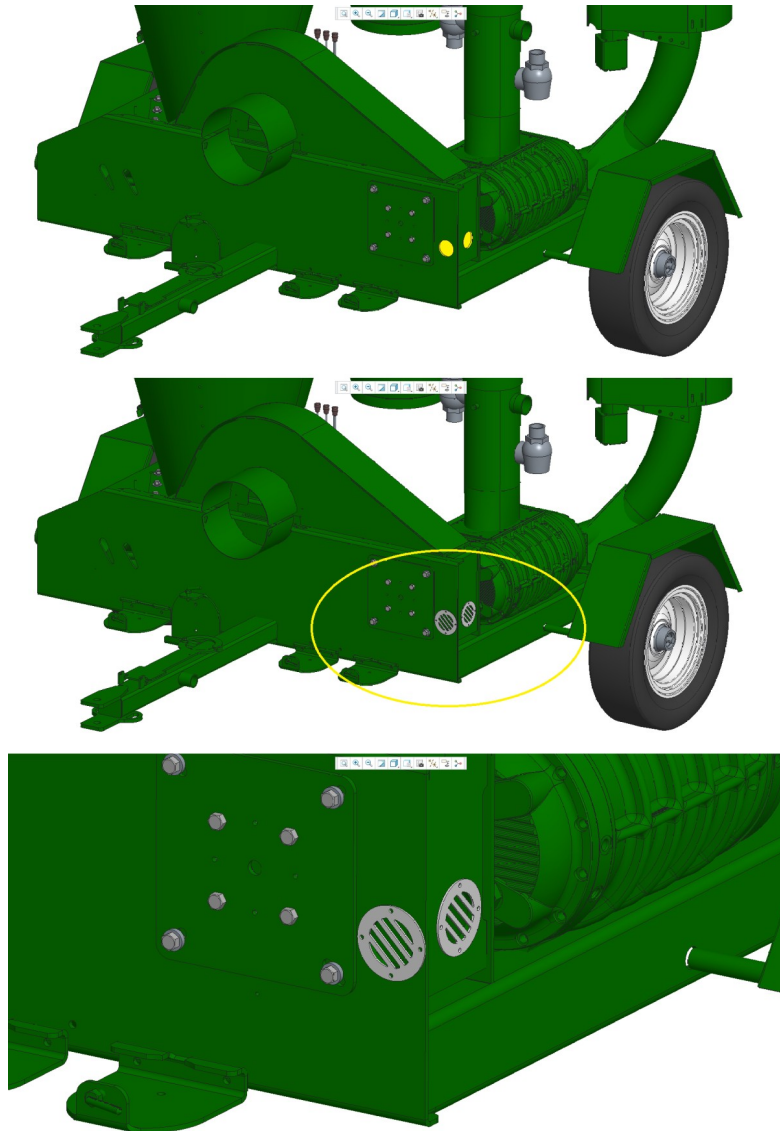


Figure 3: Sight Hole Position and Cover

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Head Office
5656 Highway 6N, Guelph
ON, Canada N1H 6J2
Tel (519) 824-8520
Fax (519) 824-5651

938 Glengarry Cr
Fergus, Ontario
Canada N1M 2W7
Tel (519) 787-8227
Fax (519) 787-8210

70 3rd Ave. N.E. Box 1790
Carman, Manitoba
Canada R0G 0J0
Tel (204) 745-2951
Fax (204) 745-6309

1190 Electric Ave.
Wayland, MI.
U.S.A. 49348
Tel (800) 466-1197
Fax (616) 877-3474

PO Box 2426, 24 Molloy St
Toowoomba, QLD
Australia 4350
Tel (07) 4634 7344
Fax (07) 4634 7606