



OSHKOSH CORPORATION

AIRPORT PRODUCT BULLETIN

BULLETIN NO: 157

MODEL: H-SERIES

Subject: C18 Blower engine hydraulic hose and battery cable routing

Condition:

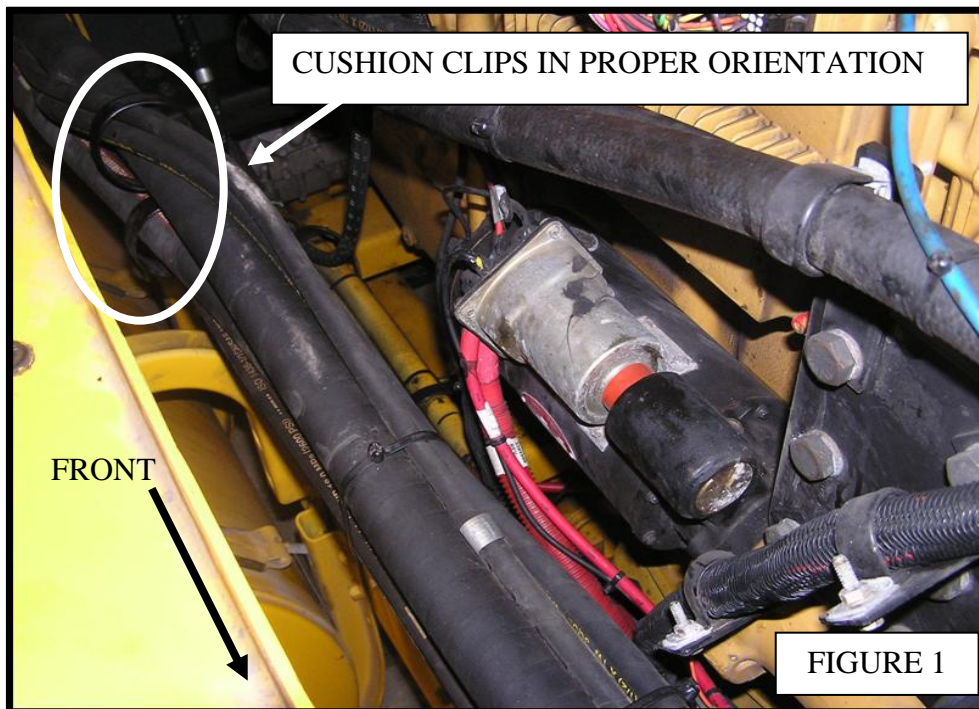
A quantity of trucks may have been assembled with incorrect hydraulic hose routings near the blower engine. This incorrect routing may cause the hydraulic hoses and the positive cable of the starter to come in contact and possibly lead to chaffing, increasing the chance of electrical failure.

Action:

Inspect all HB chassis equipped with C18 blower engines to insure correct routings. Follow the procedure in the Inspection section to determine if your vehicle has the correct routing. If necessary, follow the instructions to correct the hydraulic hose and starter cable routings.

Inspection:

1. Turn off both master power disconnect switches and remove the ignition keys.
2. Shift vehicle in park, apply parking brake and block wheels.
3. Remove all four hood doors on the blower engine compartment.
 - On the right side of the engine compartment, the main hydraulic lines run parallel to the engine, secured by a number of cushion clips, also known as P-clips.
 - To avoid contact with other hoses or cables, these cushion clip are suspended above the frame by metal standoff brackets that bolt to the frames rail.
 - The large cushion clips that support the hydraulic hoses should be bolted to the outside of the brackets, and have the “Belly” of the clip facing away from the engine. Figure 1 and 2



Note:

It is critical that clearance between the hydraulic hoses and all starter cables is maintained at all times.

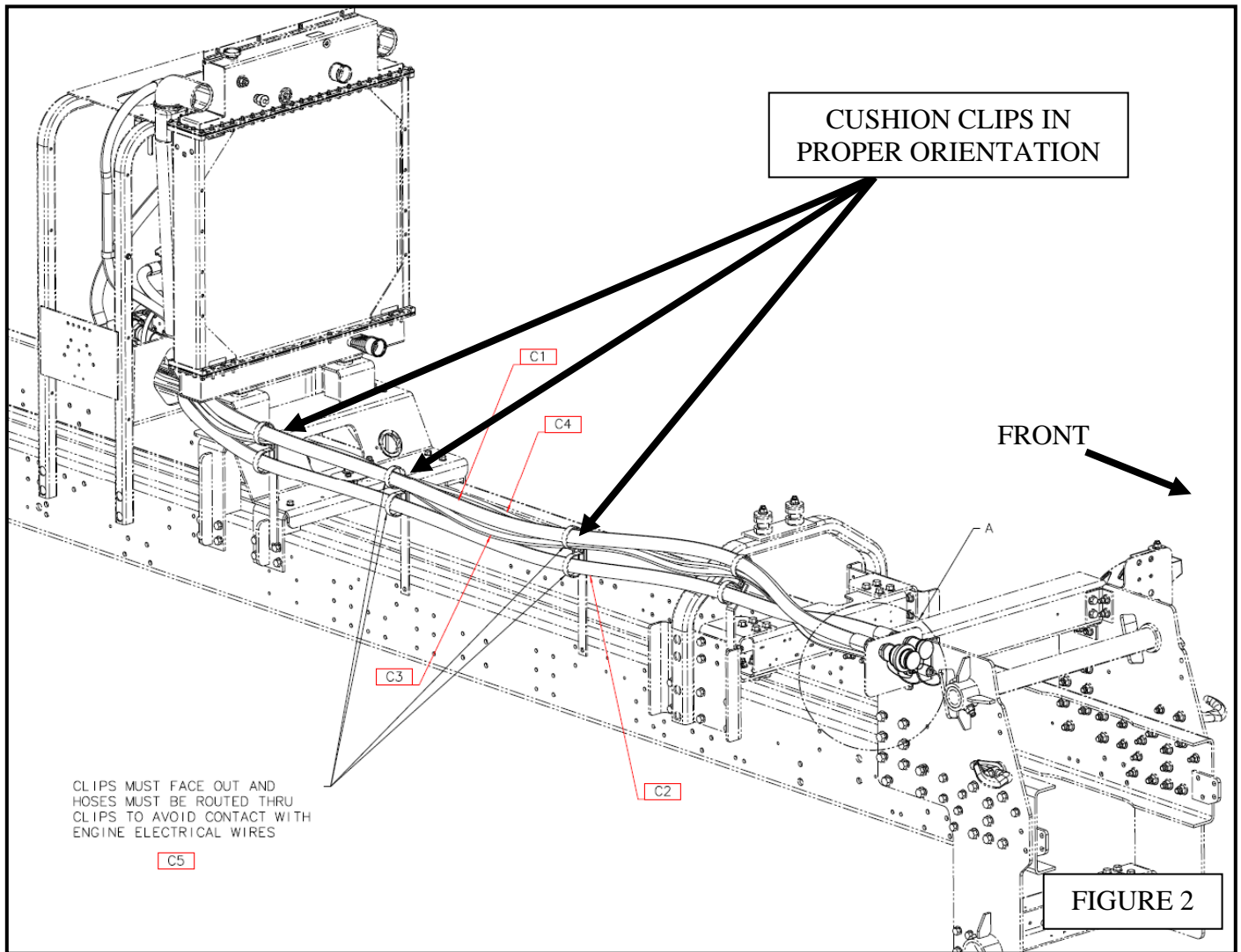


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- If any of the cushion clips face toward the engine, they will need to be repositioned on the outside of the bracket, facing outward. Follow Instruction section.
- To further reduce the possibility of chaffing, inspect the orientation of the cables of the blower motor starter. Orient the cables to match figure 3 if necessary.



- Regardless of hose and cable routing check the following electrical cables for signs of chaffing or wear. Inspect the entire length of the cable, from the battery to the starter. If the cable shows any sign of wear; replace effected cables with the following Oshkosh Part Numbers.

3701339: Batteries to blower engine, positive cable

3724457: Batteries to drive engine, positive cable



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Instructions:

Note:

Due to the bulk and mass of the hydraulic fluid in the hoses, this task is best accomplished with assistance.

1. Turn off both master power disconnect switches and remove the ignition keys.
2. Shift vehicle in park, apply parking brake and block wheels.
3. Remove all four hood doors on the blower engine compartment.
4. Remove tie straps retaining hoses together.
5. Remove hardware mounting cushion clips to standoff brackets at all locations indicated in figure 2.
6. Open cushion clips, remove hoses from clips.
7. With assistance, lift hoses over the top of the standoff brackets and relocate on the other side of the standoff bracket
8. Re-apply cushion clips to hose bundle at proper location.
9. Reuse original hardware to mount cushion clips to standoff brackets.
10. Replace any tie straps that were removed in step 4.
11. Refer to figure 2 for proper cushion clip orientation.
12. Refer to figure 3, ensure that blower engine starter wiring is in the correct orientation.
13. Refer to figure 1, ensure that the critical distance between starter wiring and hoses is maintained.

If you have any questions please contact your local Oshkosh Corporation Dealer or Oshkosh Corporation Service at 1-800-222-6635 or by e-mail at customersupport@oshkoshcorp.com