



Cooling Package Kit

2024 Directional Drill

Model No. 144-2555

Form No. 3447-863 Rev A

Installation Instructions

Installing the Kit

Note: Retain all hardware.

1. Park the machine on a level surface, shut off the engine, turn the battery disconnect switch to the OFF position, and remove the key.
2. Drain the coolant from the system; refer to the *Operator's Manual*.
3. Remove the front and rear hoods.
4. Remove the side guide plates and the hood hinge plate.

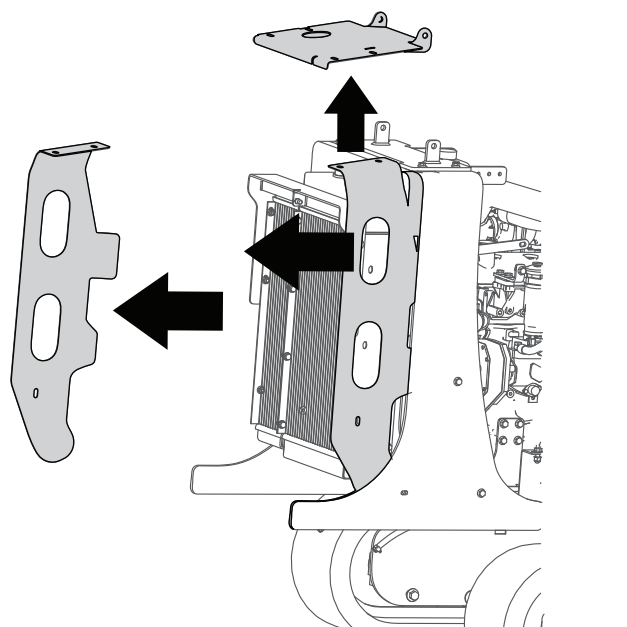


Figure 1

5. Disconnect the coolant reservoir hose and remove the coolant reservoir and bracket.

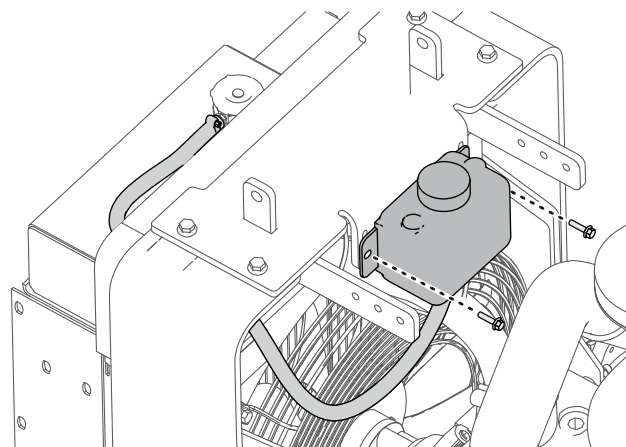


Figure 2

6. Remove the rear hood shock mount.

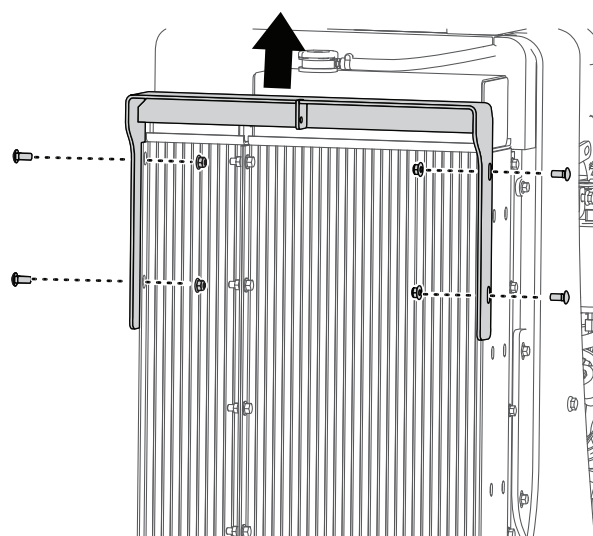


Figure 3



7. Remove the support shroud.

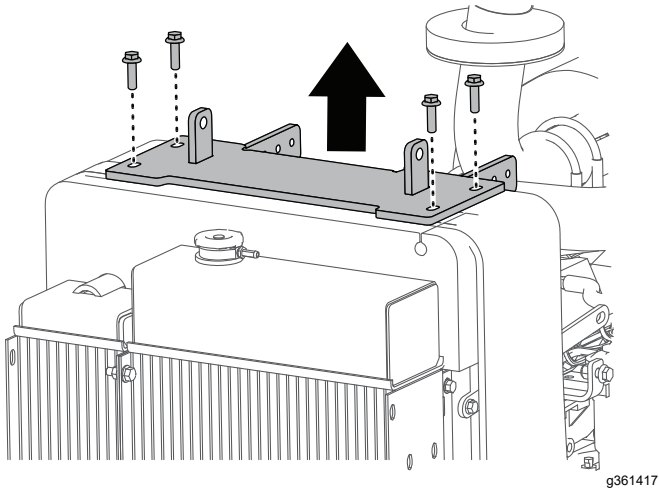


Figure 4

8. Using 2 people, remove the side plates.

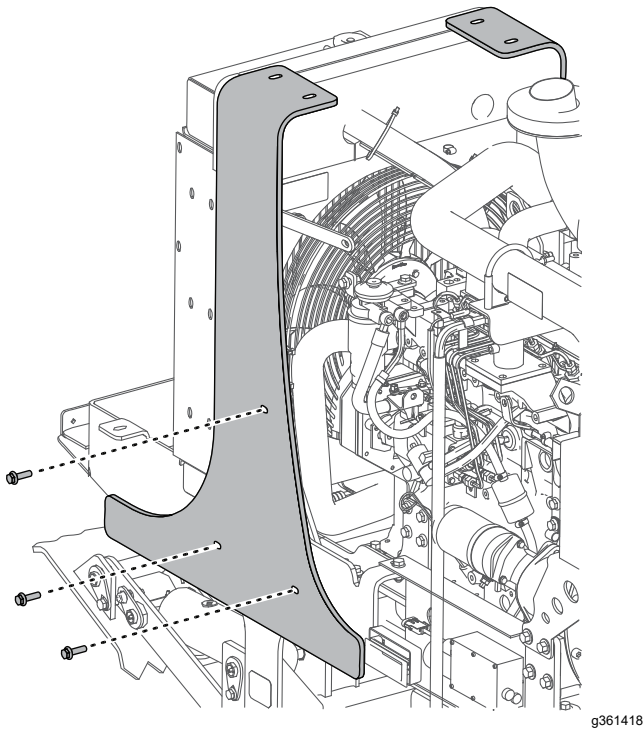


Figure 5

9. Loosen the bolts on both of the cooling shroud straps.

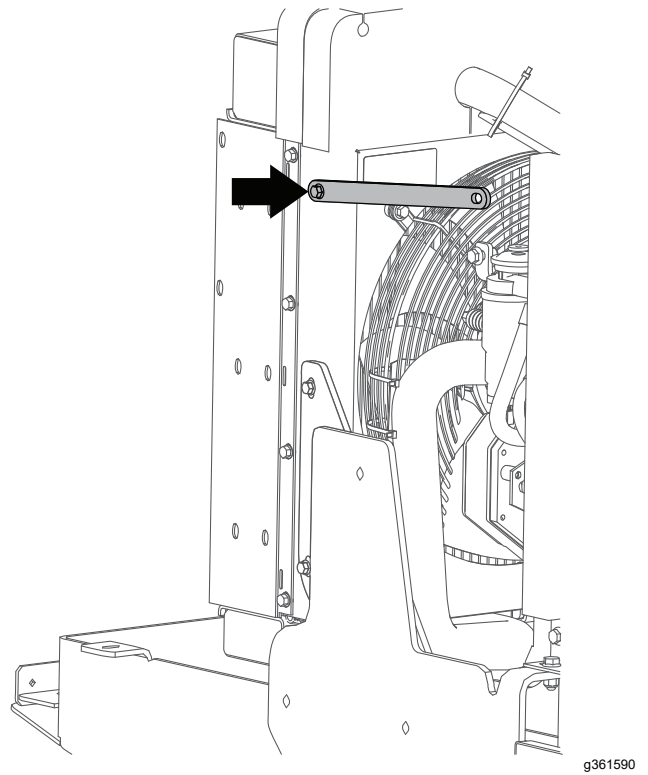


Figure 6

10. Remove the foam pieces.

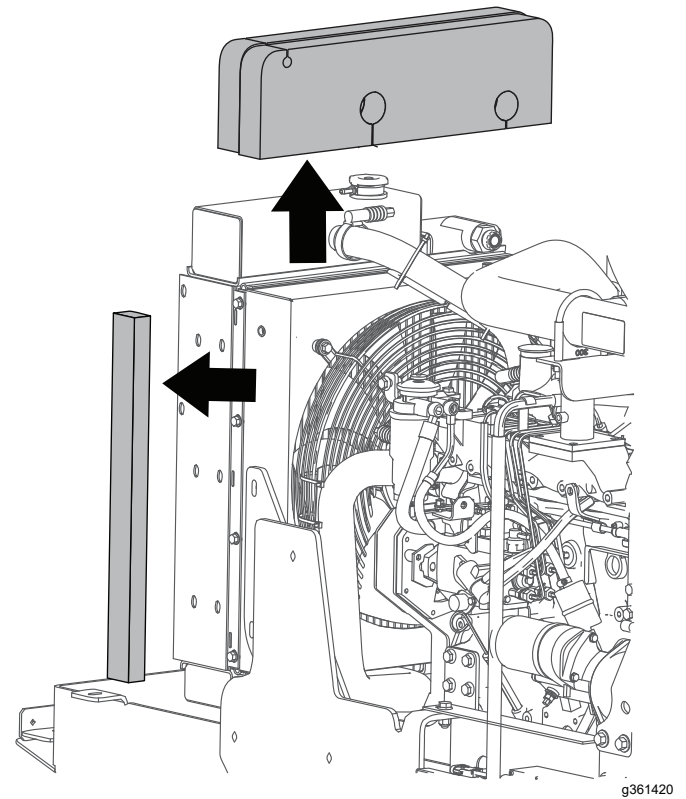


Figure 7

11. Disconnect and plug the hydraulic hoses.
12. Disconnect the radiator hoses.
13. Remove and disconnect the cooling assembly.

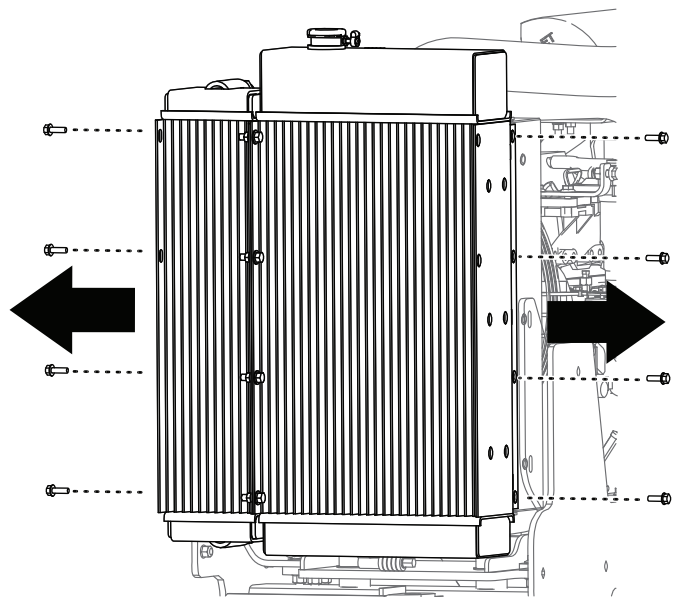


Figure 8

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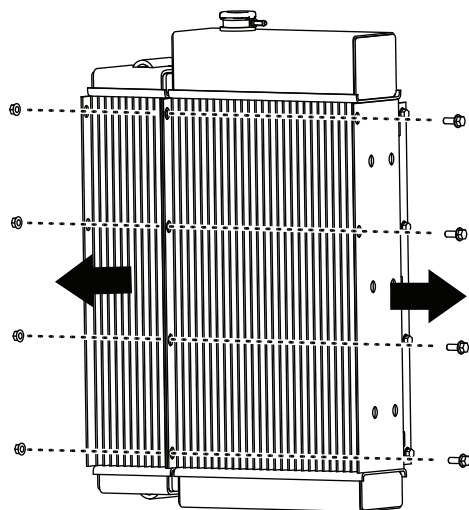


Figure 9

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14. Using the hardware from the previous assembly, connect the 2 new coolers on both sides.

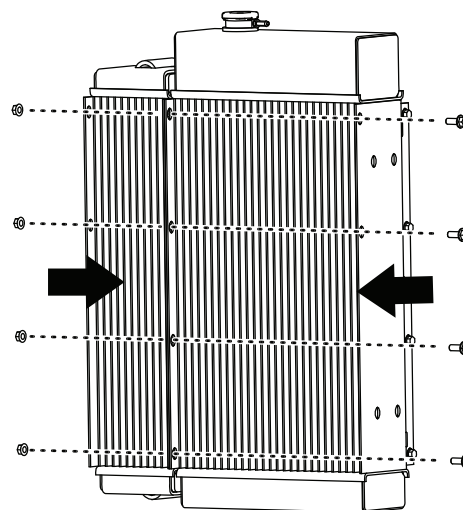


Figure 10

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15. Place the cooler assembly in place, slide the shims in between the cooler assembly and cooler shroud and secure with the previously removed hardware.

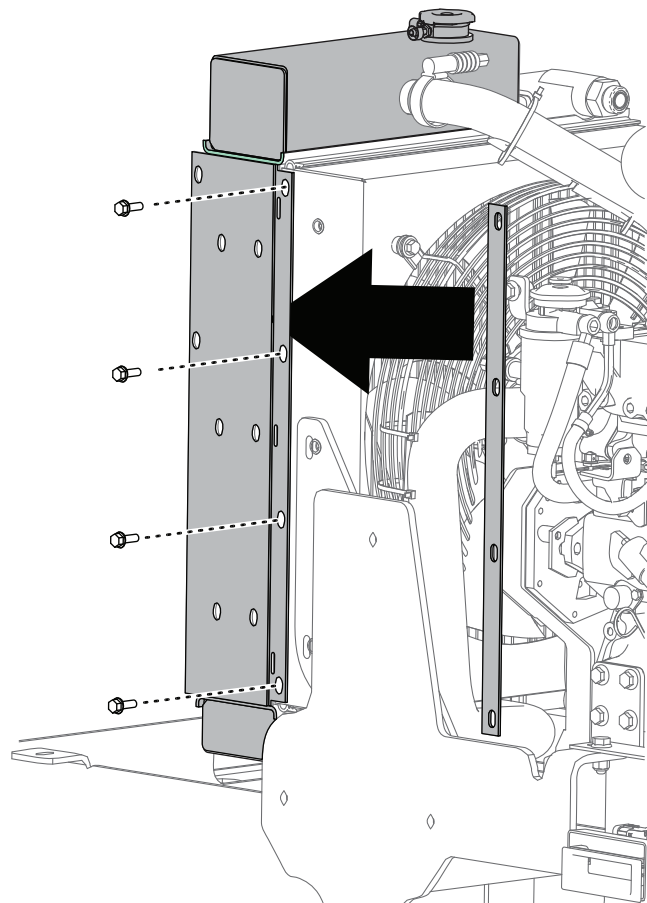


Figure 11

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16. Install the components in reverse order.

17. Torque all the fasteners to the following specifications:
- 3/8 inch bolts to 37 to 45 N·m (27 to 33 ft-lb)
 - 5/16 inch bolts to 1978 to 2542 N·cm (175 to 225 in-lb)
 - M6 bolt to 972 to 1198 N·cm (86 to 106 in-lb)
 - M8 bolt to 23 to 29 N·m (17 to 21 ft-lb)
 - M10 bolt to 47 to 57 N·m (34 to 42 ft-lb)