

Tool Instruction Radiator Discharge Hose

4328221R1

Tool Number: 09-146-01



0000298386

Figure 1. 09-146-01 Radiator Discharge Hose.

Purpose

A hose and ball valve assembly designed to remove contaminated coolant from radiators equipped with Compucheck[®] (quick-coupler) drain ports.

Purpose (cont.)

Application(s)

MaxxForce® 15 (EPA 10)

MaxxForce® 11 and 13 (EPA 10)

N13 (EPA 10) with SCR

MaxxForce® DT, 9, and 10 (EPA 10)

MaxxForce® 7 (EPA 10)

MaxxForce® 11 and 13 (EPA 07)

MaxxForce® DT, 9, and 10 (EPA 07)



GOVERNMENT REGULATION: Engine fluids (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluids and other contaminated materials (such as filters or rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.



WARNING: Read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual* to prevent personal injury or death.



WARNING: Park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction. Failure to comply may result in property damage, personal injury, and / or death.





WARNING: Always wear safe eye protection when performing vehicle maintenance. Failure to comply may result in personal injury and / or death.



WARNING: Allow cooling system to cool prior to draining coolant. Failure to comply may result in personal injury and / or property damage.

Tool Contents

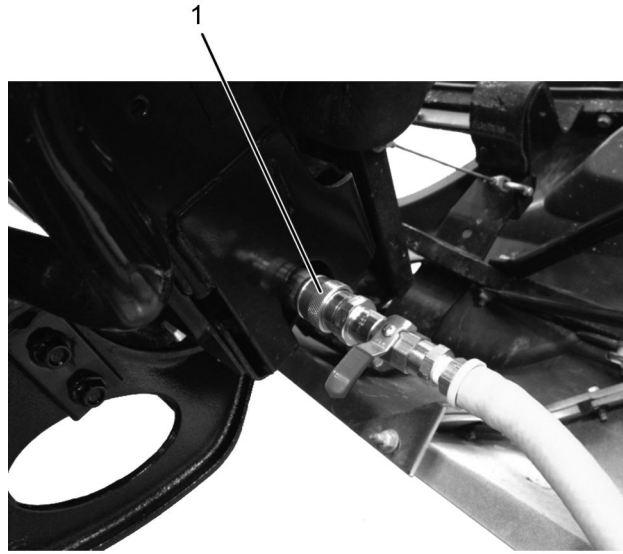
Table 1

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Instructions

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral, set parking brake, and install wheel chocks.
3. Unlatch and open hood.
4. Remove deaeration tank cap.

Instructions (cont.)



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Figure 2. Radiator Discharge Hose Installed.

1. 09-146-01 Radiator Discharge Hose

CAUTION: Prior to connecting tool, make sure ball valve is in the OFF position. Failure to comply may result in property damage.

5. Attach radiator discharge hose (Figure 2, Item 1) to quick-connect fitting near bottom of radiator.
6. Connect pressure module from KL5007NAV Coolant Management System to deaeration tank.
7. Connect shop air to pressure module.
8. Direct hose into a suitable waste container.
9. Open ball valve to drain contaminated coolant.
10. Close ball valve and disconnect radiator discharge hose at quick-connect fitting.
11. Install deaeration tank cap.
12. Close and latch hood.
13. Remove wheel chocks.
14. Open ball valve and allow hose assembly to drain prior to storage.

Contact Information

If you would like to order additional tools or need replacement parts, please refer to the [Navistar Service Tool Catalog](#). If you have questions, concerns, or feedback, please contact [Navistar Service Tool Support Center](#):

- Submit a Service Tool iKNOW case file.
- Phone: 800-365-0088 (toll free).