

Tool Instruction Exhaust Gas Recirculation (EGR) Cooler Flushing Adapters

4328227R1

Tool Number: 12-856-07

Purpose



0000366461

Figure 1. Exhaust Gas Recirculation (EGR) Cooler Flushing Adapters (12-856-07).

The EGR Cooler Flushing Adapters Kit provides the equipment necessary to flush contamination present in the EGR Cooler.

Application(s)

MaxxForce® DT, 9, & 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: To prevent personal injury or death, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.

! WARNING: To prevent personal injury or death, 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.

! WARNING: To prevent personal injury or death, always wear safe eye protection when performing vehicle maintenance.

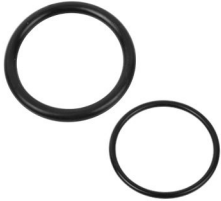


Tool Contents

Table 1

Image	Tool Number	Qty	Description
 <p>0000301981</p>	12-856-07-01	1	Outlet EGR Cooler Adapter
 <p>0000301983</p>	12-856-07-02	1	Inlet EGR Cooler Adapter
 <p>0000301984</p>	12-856-07-03	1	Air Injector Coupling

Tool Contents (cont.)

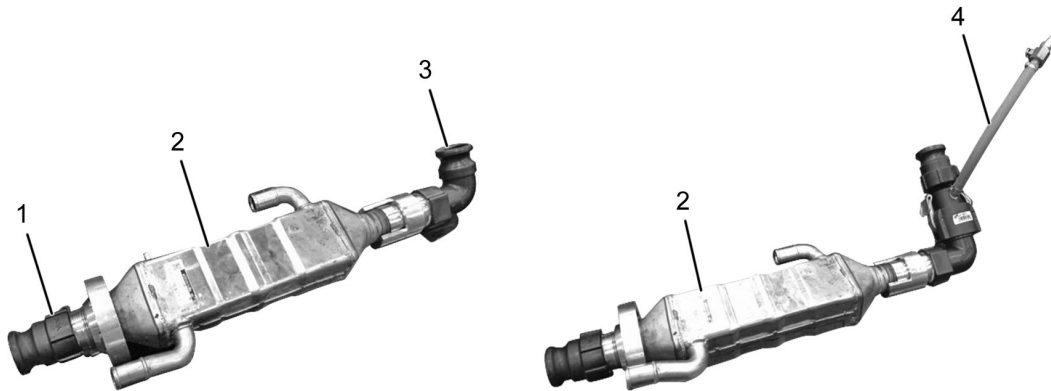
Table 1. (cont.)

Image	Tool Number	Qty	Description
 <p>0000301985</p>	12-856-07-04	1	O-ring Service Kit
 <p>0000366462</p>	12-856-07-05	1	Molded Case
 <p>0000160075</p>	4328227R1	1	Tool Instruction

Instructions

Tool Installation

NOTE: For complete service procedure, refer to appropriate service manual, service bulletin, or equivalent for detailed instruction.



0000301987

Figure 2. EGR Cooler Adapters.

1. Inlet EGR cooler adapter
2. EGR cooler
3. Outlet EGR cooler adapter
4. Air injection coupling

1. Connect air injection coupling (Figure 2, Item 4) to outlet EGR cooler adapter (Figure 2, Item 3).
2. Install outlet EGR cooler adapter (Figure 2, Item 3) onto outlet side of EGR cooler (Figure 2, Item 2).
3. Install inlet EGR cooler adapter (Figure 2, Item 1) onto inlet side of EGR cooler (Figure 2, Item 2).

Tool Removal

1. Remove inlet EGR cooler adapter (Figure 2, Item 1) from EGR cooler (Figure 2, Item 2).
2. Remove outlet EGR cooler adapter (Figure 2, Item 3) from EGR cooler (Figure 2, Item 2).
3. Remove air injection coupling (Figure 2, Item 4) from outlet EGR cooler adapter (Figure 2, Item 3).
4. Clean all EGR cooler flushing adapters and store in case.

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).