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**End Application:**

Detroit diesel series 149 ddc and barnes type engines

**Component Quantity:**

9

**Nonsupply Items And Quantities:**

Contains 1 ea needle bearing remover j33853; needle bearing installer j33854; oil seal installer j34158; oil seal remover j1508-13; oil seal installer handle j1508-8; seal installer gear type adapter j1508-9; fuel pump holder j1508-10; torx socket j25359-11; box j38767-6

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A23800