



## Work Instructions

**Date:** February 1997  
(supersedes W.I.  
359, December 1996)

**Group:** 14  
**Number:** 359A

**Revision:** *Updated due to changes in the warranty claim submission information (refer to page 3), the previously issued warranty claim submission information is no longer valid.*

**SUBJECT:** MODELS WITH DIESEL ENGINES EQUIPPED WITH TRAP OXIDIZERS  
REPLACEMENT OF THE TRAP OXIDIZER WITH AN OXIDATION CATALYST

The procedure for removal of the trap oxidizer and installation of an oxidation catalyst is divided into the following steps:

- A. Models 123.133/153/193, engine 617.952 and Model 126.120, engine 617.951**
- B. Models 124.133/193, engine 603.960**
- C. Model 126.125, engine 603.961**

### Procedure:

- A. Models 123.133/153/193, engine 617.952 and Model 126.120, engine 617.951**

1. Remove trap oxidizer (refer to SMS 14-480 [trap oxidizer is referred to in SMS 14-480, as soot combustion filter]).
2. Install oxidation catalyst in place of trap oxidizer (install oxidation catalyst using same procedure described in SMS 14-480, under installation of trap oxidizer).

- B. Models 124.133/193, engine 603.960**

1. Remove trap oxidizer (SMS 14-0100).
2. Install trap oxidizer replacement pipe in place of trap oxidizer (install trap oxidizer replacement pipe using same procedure described in SMS 14-0100, under installation of trap oxidizer).
3. Remove entire exhaust system (SMS 49-7000, subject B [subheading **a**: **Without** oxidation catalyst]).
4. Install oxidation catalyst and front pipe assembly in place of front pipe (SMS 49-7000, subject B [subheading **b**: **With** oxidation catalyst]).
5. Install new resonator and new rear muffler then connect to oxidation catalyst (SMS 49-7000, subject B [subheading **b**: **With** oxidation catalyst]).

**C. Model 126.125 engine 603.961**

1. Remove trap oxidizer (SMS 14-0100).
2. Install trap oxidizer replacement pipe in place of trap oxidizer (install trap oxidizer replacement pipe using same procedure described in SMS 14-0100, under installation of trap oxidizer).
3. Remove front exhaust pipe (SMS 49-7000 subject C).
4. Install oxidation catalyst and front pipe assembly in place of front pipe, connect to resonator.

**Note:**

Inspection of the turbocharger as described in SMS 14-480 (engine 617.95) **must** be performed for all vehicles mentioned in procedures A - C. **If** replacement of the turbocharger is necessary (due to damage caused by the trap oxidizer), replacement of the turbocharger will be covered under warranty.

**Parts Information (Model 123.133/153/193, engine 617.952 and model 126.120, engine 617.951)**

<b>Part Name</b>	<b>Part Number</b>
Oxidation catalyst	126 490 34 14 1)

**Parts Information (Model 124.133, engine 603.960)**

<b>Part Name</b>	<b>Part Number</b>
Oxidation catalyst/front exhaust pipe assembly	124 490 00 47 1)
Trap oxidizer replacement pipe	603 140 03 03 1)
Center exhaust pipe/resonator	124 490 86 21 1)
Rear exhaust pipe/muffler	124 490 13 15 1)

**Parts Information (Model 124.193, engine 603.960)**

<b>Part Name</b>	<b>Part Number</b>
Oxidation catalyst/front exhaust pipe assembly	124 490 00 47 1)
Trap oxidizer replacement pipe	603 140 03 03 1)
Center exhaust pipe/resonator	124 490 86 21 1)
Rear exhaust pipe/muffler	124 490 19 21 1)

**Parts Information (Model 126.125, engine 603.961)**

<b>Part Name</b>	<b>Part Number</b>
Oxidation catalyst/front exhaust pipe assembly	126 490 13 20 1)
Trap oxidizer replacement pipe	603 140 03 03 1)

1) Parts requirements have to be faxed to your respective PDC with chassis number, as the parts will be blocked from system reordering.

## In Case of Warranty

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**Operation:** Refer to table below.

<b>Damage Code</b>	<b>Repair Code</b>	<b>Time (hrs.)</b>	<b>Model Indicator(s)</b>
14 355 53	11 (refer to Procedure A)	2.2	35/36/37/56
	11 (refer to Procedure B)	2.5	81/87
	11 (refer to Procedure C)	2.0	57
14 355 53	12 (refer to Procedure A with turbo repl.)	2.5	35/36/37/56
	12 (refer to Procedure B with turbo repl.)	3.0	81/87
	12 (refer to Procedure C with turbo repl.)	3.0	57

**Note:**

- . The time for inspecting the turbocharger is included in repair code 11 and 12.
- . You will be compensated an additional \$30.00 per claim to cover the cost of gaskets, clamps, hangers and other miscellaneous parts.  
**You must add \$30.00 to the requested total of your claim to prevent a claim from being returned for a claim total discrepancy.**