



[Technical Service Bulletin]

# SERVICE PROGRAM

This letter is distributed with the purpose of bringing to your attention that an agreement has been reached between EPA (US Environmental Protection Agency) and VTC (Volvo Truck Corporation).

Under this agreement, VTC will make available engine rebuild kits to lower the amount of NOx (Oxides of Nitrogen) in the exhaust from the VE D12 Model Year (MY) 1994-98 engines and the VE D7 MY 1998 engines, sold in the United States.

This Service Program has been established in order to reprogram a number of these older VE D12 and VE D7 engines, according to the agreement with EPA. Data-sets and software are available for you at no cost in the VDA system for reprogramming, using VCADS PRO.

The engine models below must be reprogrammed if the engine meets any one of the following conditions:

- Any engine rebuild, where the VE D12 engine has accumulated mileage greater than 290,000 miles or the VE D7 engine has accumulated mileage greater than 185,000 miles; or
- Any VE D12 or VE D7 engine with accumulated mileage lower than specified above, where the service event includes replacement or reconditioning of more than one Major Cylinder Component (Piston assembly, cylinder liner, connecting rod or piston ring set) in all of the engine’s cylinders.

Engine Model	Model Year	Campaign Dataset P/N	Software P/N
<b>Campaign No. S0218</b>			
VE D7C-275	1998	3163591	3163622
VE D7C-300	1998	3163590	3163622
<b>Campaign No. S0233</b>			
D12B-345 EPG	1998	3163243	3163254
D12B-385 EPG	1998	3163244	3163254
D12B-425 EPG	1998	3163245	3163254
D12B-345 VEB	1998	3163246	3163254
D12B-385 VEB	1998	3163247	3163254
D12B-425 VEB	1998	3163248	3163254



When you have reprogrammed the Engine Control Unit (ECU), attach the supplied label, to the ECU. This will show that it has been reprogrammed according to the agreement between EPA and VTC. Additional labels can be obtained by calling 877-978-6586.

As outlined in this Bulletin, the reprogramming shall be performed at no charge for the customer. Normal applicable charges apply to any reprogramming for other reasons and are not the responsibility of VTC.

#### **WARRANTY INFORMATION**

Claim Type:	P
Reason Code:	09
Debit Code:	13
SRO Number:	28403-2-00
Hours:	.5 hrs.
Casual Part No:	8192949
Authorization No:	PW000301
Expiration Date:	12-01-00

# **VOLVO TRUCK CORPORATION**

## **LOW NO<sub>x</sub> REBUILD PROGRAM**

### **LOW NO<sub>x</sub> REBUILD KITS TO BE AVAILABLE 12/27/99**

**Commencing December 27, 1999, Volvo Truck Corporation (VTC) will begin to make available Low NO<sub>x</sub> Rebuild kits for the VE D7C Model Year 1998 engine family. These engines were produced with two power ratings: 275 hp and 300 hp. Rebuild kits will be available for both power ratings.**

**The instructions on how to reprogram the software and datasets are described in VTC Service Manual Number TSI 030-600, released February 1999. This service manual is part of the mandatory service literature that has been sent to all authorized VTC dealers in the United States.**

**VTC will release an additional Service Bulletin prior to December 27, 1999, in which VTC will describe exactly which software and datasets are part of the Low NO<sub>x</sub> rebuild kits and which software and datasets they are replacing.**

**The standard repair time (SRT) for this reprogramming is estimated to be approximately 1 hour.**

**These Low NO<sub>x</sub> rebuild kits will be available on December 27, 1999.**

# **VOLVO TRUCK CORPORATION**

## **LOW NO<sub>x</sub> REBUILD PROGRAM**

### **LOW NO<sub>x</sub> REBUILD KITS TO BE AVAILABLE 3/27/00**

**Commencing March 27, 2000, Volvo Truck Corporation (VTC) will begin to make available Low NO<sub>x</sub> Rebuild kits for the VE D12B Model Year 1998 engine family. These engines were produced with three power ratings: 345 hp, 385 hp and 425 hp. Rebuild kits will be available for all three power ratings.**

**The instructions on how to reprogram the software and datasets are described in VTC Service Manual Number TSI 030-600, released February 1999. This service manual is part of the mandatory service literature that has been sent to all authorized VTC dealers in the United States.**

**VTC will release an additional Service Bulletin prior to March 27, 2000, in which VTC will describe exactly which software and datasets are part of the Low NO<sub>x</sub> rebuild kits and which software and datasets they are replacing.**

**The standard repair time (SRT) for this reprogramming is estimated to be approximately 1 hour.**

**These Low NO<sub>x</sub> rebuild kits will be available on March 27, 2000.**