

Volvo Trucks Parts



Parts Program

To: Parts Manager
Service Managers
Sales Professionals
Dealer Principals
General Manager

Region: ☒ U.S.
☒ CAN

Bulletin: PSM19-V-
Date: December 9, 2019
Valid to: N/A
Action Required? ☐ Yes ☒ No

From: Alina Wirtz – Aftermarket Product Manager
Subject: Volvo Battery Reconditioner Program Announcement

As of February 4, 2019, all trucks built at our New River Valley Plant have the new battery reconditioner device as a part of the battery installation. The reconditioner is available for order in the aftermarket with part #23442243.

Please see product details below. The reconditioner is available for order now from the PDCs.

Benefits of the battery reconditioner:

- The battery reconditioner sends cyclic pulses into the battery to keep the battery lead plates free from sulfation. This avoids early failure and extends the life of the battery
- Reduces the no-start incidents due to batteries
- Improves performance to the alternator, due to prevention and removal of the sulfation. This enables the battery to perform at full capacity, leading to a better charge acceptance
- The battery reconditioner not only extends the life of batteries, but also extends the service life of electrical equipment and reduces truck downtime
- A single unit can be used with up to six 12-V Group 31 batteries in parallel configuration, and can be used with both 12V and 24V vehicle electrical systems.



Contact Information

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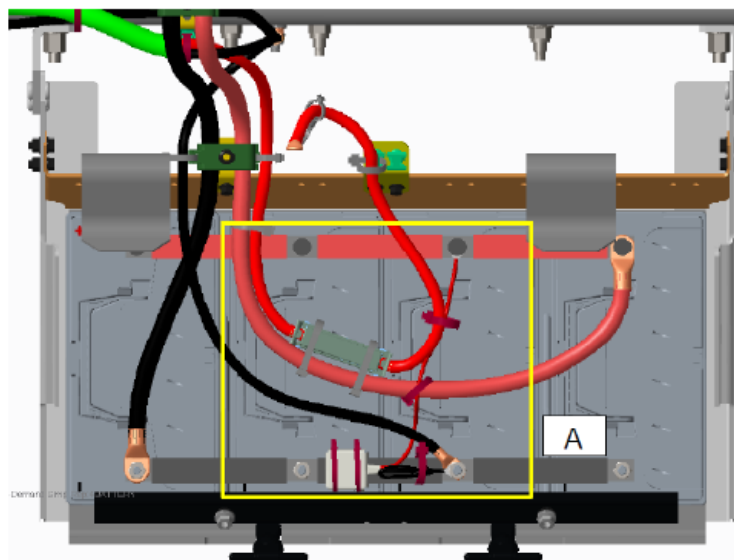
Volvo Trucks

Sales Bulletin



Subject: Volvo Battery Reconditioner Program Announcement

Bulletin: XXX-001
Date: December 11, 2019
Valid to: N/A



The routing position of the battery reconditioner will depend on the number of batteries and battery box configuration.

Physical Description

<i>Parameter</i>	<i>Value</i>
<i>Input / Output Wires</i>	16 ga. Stranded, 221°F
<i>Battery Connections</i>	Ring Type Terminals, 0.6cm
<i>Dimensions</i>	4.5cm x 4.8cm x 1.7cm
<i>Case Type</i>	UL94v-0 Fire Retardant
<i>Electronics</i>	Plastic Fully Encapsulated
<i>Visual "On" Indicator</i>	Yes, green LED



Volvo Battery Reconditioner

Advantages and Benefits

- For use with both 12V and 24V vehicle electrical systems
- Reverses and prevents the harmful effects of battery sulfation.
- Batteries last twice as long, or longer.
- Extends alternator life 50% and starter life by 25%.
- Cold cranking amps (CCA) and volts stay strong.
- Reduces downtime from electrical system failures by 70%.
- Reduces no-starts
- A single unit can be used with up to six 12-volt Group 31 batteries in parallel configuration.



Physical Description

Parameter	Value
Input/Output Wires:	16 ga. Stranded, 105°C
Battery Connections:	Ring Type Terminals, 6mm
Dimensions:	45mm x 48mm x 17mm
Case Type:	UL94v-0 Fire Retardant
Electronics:	Plastic Fully Encapsulated
Visual "On" Indicator:	Yes, green LED

Operating Characteristics

Parameter	Value
Operating Temperature:	-40°C to +85°C
Normal Operating Voltage:	+12V to +35V
Reverse Polarity Protected:	Yes
Current Drain, Unit On:	<20mA
Current Drain, Unit Off:	<0.2mA
Pulse Frequency:	10,000Hz

The Volvo Battery Reconditioner is a proven technology that extends the life and improves the performance of lead-acid batteries. Since a healthy battery protects a vehicle's entire electrical system, the Volvo Battery Reconditioner dramatically improves reliability, and thereby benefit the most important asset of any business...Its customers!

Testing and Approvals

- "E-Mark" Approval for UNECE Regulation 10.04
- IP67, and IP6K9K
- UL 94 V-0 Compliance Tested
- ISO 16750 sections 1 through 5 Compliance Tested
- Volvo STD 515-0003 Compliance Tested
- ISO 7637 sections 1-3 (Conducted susceptibility)
- ISO 11452 sections 1-3 (Radiated susceptibility)
- ISO 10605 (Electrostatic discharge (ESD))