

Installation Manual

A700167 Remote Mounted Muffler Kit

1	Installation.....	3
1.1	Depressurizing Muffler Removal	3
1.2	Remote Mounted Muffler Installation.	4
1.3	System Testing.....	4
2	Ordering Parts	5
3	Warranty	6

Document 1900911

VMAC – Vehicle Mounted Air Compressors
Toll Free: 1-888-241-2289 Local: 1-250-740-3200
Fax: 1-250-740-3201

Changes and Revisions

Version	Revision Details	Revised	Approved	Implemented
00	Original manual	MH 18MAR11	SC 21Mar2011	22 March 2011

Important Information

The information in this manual is intended for certified VMAC installers who have been trained in installation procedures and for people with mechanical trade certification who have the tools and equipment to properly and safely perform the installation. Do not attempt this installation if you do not have the appropriate mechanical training, knowledge and experience.

Follow all safety precautions and standard shop practices for mechanical work.

These instructions are a general guide for installing this product on standard production trucks and do not contain information for installation on non-standard trucks. If you have difficulty with the installation, contact VMAC.

To order parts, contact your VMAC dealer. Your dealer will ask for the VMAC serial number, part number, description and quantity. To locate your nearest dealer, call 1-888-241-2289.

Copyright 2011

All trademarks used in this manual are the property of the respective copyright holder. The contents of this manual may not be reproduced in any form without the express written permission of VMAC, 1333 Kipp Road, Nanaimo, BC V9X 1R3.
Printed in Canada

1 Installation

1.1 *Depressurizing Muffler Removal*

1. Ensure the compressor system is turned off, safe to work on and has completely blown down.
2. Remove the original depressurizing muffler located on the end cap at the rear of the tank as shown in figure 1.1

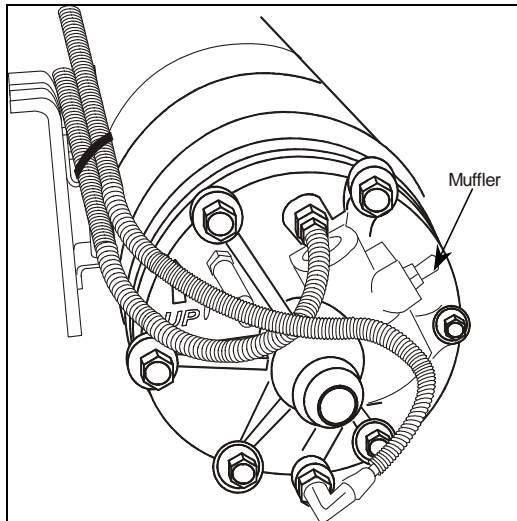


Figure 1.1 Rear view of Tank

Note: After removal of the muffler, ensure no debris falls into the orifice. Contamination of the mechanical assembly may cause depressurizing to malfunction and will not allow the air system to depressurize.

1.2 Remote Mounted Muffler Installation.

Note: Before installation of remote muffler, remove plastic line from both push-to-connect fittings by pressing on outer ring and pulling out plastic line.

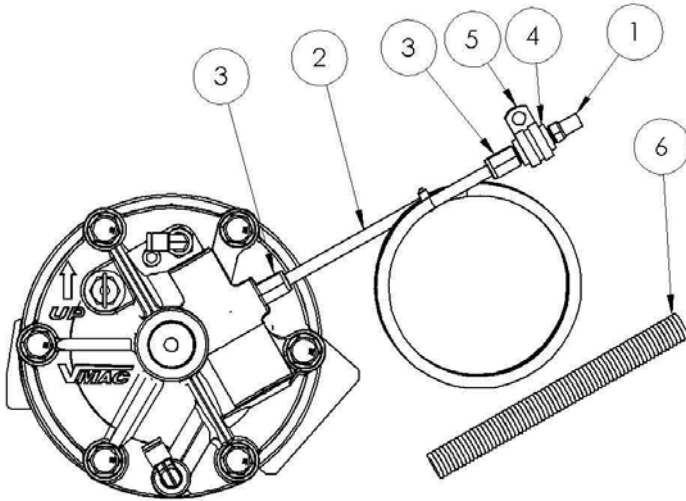
1. Thread 1/4" Push-To-Connect fitting provided into the orifice where the previous depressurizing muffler was removed. Ensure to use Loctite thread sealant on fitting prior to installation.
2. Slide 1/4" supplied plastic line into loom. Connect the 1/4" plastic line into the push-to-connect fitting installed in the tank end cap.
3. Mount the muffler assembly provided in a safe location free of all hot surfaces using cushioned P-clip.
4. Ensure lines are not going to kink and cut them to length.
5. Connect the 1/4" supplied plastic line into the push-to-connect fitting in the muffler assembly secured by P-clip.
6. Secure the loom protected plastic line using the plastic ties provided.

1.3 System Testing

1. Start VMAC system.
2. Ensure system is operating normally. When the system is shut off the compressed air built up in the system should expel out the remote mounted muffler leaving the system depressurized for start up.
3. If system does not operate normally ensure lines are connected correctly. If problem still exists contact VMAC technical support.

2 Ordering Parts

To order parts, contact your VMAC dealer. Your dealer will ask for the VMAC serial number, part number, a description of the part and the quantity. To locate your nearest dealer, call 1-800-738-8622.



Item #	Part #	Qty	Description
1	4500104	1	MUFFLER, SINTERED EXHAUST, 1/8"
2	1700570	120"	TUBE, TEFLON, PTFE, 1/4"OD
3	5000012	2	CONNECTOR, BRASS NPT-POLY, 1/8 - 1/4
4	5000096	1	CONNECTOR, BRASS COUPLING, 1/8
5	2200178	1	CLAMP, 5/8, CUSHION
6	1700581	120"	LOOM, SPLIT PLASTIC, 1/4, HIGH TEMP

3 Warranty

1 GENERAL PROVISIONS AND LIMITATIONS

1.1 VMAC, Division of Mangonel Investments Corporation, (hereafter "VMAC") warrants to each original retail purchaser (hereafter "Buyer") of its new Accessory Product (hereafter "Product(s)") from VMAC or its authorized Dealers that such Product(s) are, at the time of delivery to the Buyer, free of manufacturer defects in material and workmanship.

2 NO WARRANTY IS MADE WITH RESPECT TO

2.1 Any Product(s) which have, in VMAC's judgment, been subject to negligence, accident or improper storage, installation, application, operation or maintenance, or have been repaired or altered in such a way that affects the Product(s) adversely.

2.2 Components or accessories manufactured, warranted and serviced by others.

2.3 Damages caused from service and repairs and corrections with minimum action, such as adjustments and inspections, or replacement of items.

2.4 Consequential damages caused by Product(s) failure.

2.5 Any Product(s) if other than VMAC's genuine components are used in the Product(s).

2.6 Normal wear and tear of Product(s).

3 WARRANTY PERIOD

3.1 The warranty period will commence 30 days from date of shipment from VMAC.

3.2 The Product(s) is warranted against manufacturer defects in materials and workmanship for a period of 12 months.

3.3 Replacement components of Product(s), shall be warranted for the remainder of the original warranty period.

4 VMAC OBLIGATIONS

4.1 VMAC's obligation is limited to repairing or, at VMAC's option, replacing, during normal business hours at an authorized service facility of VMAC, any component, which in VMAC's judgment is proven to be defective as warranted.

4.2 VMAC's obligation is limited to Product(s) proven to be warranted. No liability is accepted for any consequential damages, injuries or expenses directly or indirectly related to Product(s) failure.

5 BUYER OBLIGATIONS

5.1 Buyer shall notify VMAC of the alleged defect within 10 days of initial discovery and return the allegedly defective component(s) within 30 days of initial discovery.

5.2 The Buyer must prepay all costs associated with the warranty claim and submit receipts and/or invoices to VMAC for evaluation.

5.3 If required by VMAC, the Buyer must return components claimed under this warranty to a facility designated by VMAC for evaluation, to establish a claim under this warranty.

6 DISCLAIMER AND WARRANTY SERVICE

6.1 Any labor costs claimed in excess of VMAC's set rate and/or times are not provided by this warranty. If applicable, any labor costs in excess of VMAC rate schedules caused by, but not limited to, location or inaccessibility of the equipment, travel time or labor provided by unauthorized service personnel are not provided by this warranty.

6.2 This warranty is in lieu of all other warranties or obligations, express or implied. VMAC expressly disclaims all implied warranties of merchantability or fitness for a particular purpose.

6.3 Warranty claims must be pre-authorized by VMAC, and the components returned via prepaid freight using the designated “Returned Merchandise Authorization” number and form.