Congratulations on your purchase of an Arnott® Motorcycle Air Suspension system. This system provides you with the ability to maintain your bike at a constant level regardless of load, resulting in enhanced vehicle ride, handling, and performance. We at Arnott Incorporated are proud to offer a high quality product at the industry’s most competitive pricing. Thank you for your confidence in us and our product.

Proper installation is essential to experience and appreciate the benefits of this system. Please take a moment to review these installation instructions before you begin to install these components on your motorcycle. The removal and installation of air suspension products should only be performed by a fully qualified, ASE Certified, professional.

It is equally important to be aware of all necessary safety measures while installing your new Air Suspension System. This includes proper lifting and immobilizing of the motorcycle and isolation of any stored energy to prevent personal injury or property damage.

"Elevate Your Ride"

WARNING: DO NOT inflate the air suspension system until it is installed. Inflation of the air suspension system before both ends are supported by the motorcycle’s frame and/or appropriate suspension components may result in serious personal injury and/or damage to the air suspension system. The maximum recommended air spring inflation pressure is 200 psi.

Arnott® is committed to the quality of its products. If you have a question or problem with any Arnott product, please contact Arnott by calling 800-251-8993 during normal business hours or email techassistance@arnottinc.com. (In the EU please call +31 (0)73 7850 580 or email info@arnotteurope.com).
### BILL OF MATERIALS
**MC-2913 - VICTORY CROSS COUNTRY/CROSS ROADS SUSPENSION SYSTEM**

#### 20-10222 - INFLATION KIT

<table>
<thead>
<tr>
<th>QTY</th>
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<tbody>
<tr>
<td>1</td>
<td>21-3110</td>
<td>MICRO RELAY ASSEMBLY W/ HARNESS</td>
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<td>21-7268</td>
<td>4MM AIRLINE X 6FT. ACCESSORY KIT</td>
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<td>21-2698</td>
<td>UNIVERSAL FUSE HOLDER ASSEMBLY KIT</td>
</tr>
<tr>
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<td>21-10142</td>
<td>VICTORY CROSS COUNTRY &amp; CROSS ROADS, PUMP ASSY.</td>
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<tr>
<td>1</td>
<td>11-MC-VICT1</td>
<td>INSTALLATION MANUAL FOR MC-2913, MC-2927</td>
</tr>
<tr>
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#### HANDLE BAR SWITCH

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<td>HANDLE BAR SWITCH, BLACK</td>
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## MC-2927 - VICTORY CROSS COUNTRY/CROSS ROADS SUSPENSION SYSTEM

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<td>HANDLE BAR SWITCH, CHROME</td>
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GENERAL INFORMATION:

Reading this manual signifies your agreement to the terms of the general release, waiver of liability, and hold harmless agreement, the full text of which is available at www.arnottcycles.com.

- Not to be stored below 5°F (-15°C) or above 122°F (50°C).
- Avoid damage to air lines and electrical components.
- Removal and installation is only to be performed by fully qualified personnel.

CAUTION: Damage to the motorcycle and air suspension system can be incurred if work is carried out in a manner other than specified in the instructions or in a different sequence.

Each owner or installer is unique, therefore installation of this system can be done many different ways. The mounting locations of the compressor and inflation switch are suggestions by our engineers. If proper wiring guidelines and instructions are followed, relocation of the compressor or switch will neither affect the system operation nor void your warranty.

Adjust air shock pressure as required for desired ride quality to maximize the benefits of your system. Excess pressure will result in a firmer ride, too little pressure will allow the suspension to bottom out.

To avoid the possibility of short circuits while working with electric components consult your owner’s manual on how to disconnect your battery.

Refer to the Owner’s Manual for the bike and instructions for the motorcycle lift for all correct lifting procedures. It is also recommended that you protect any chrome or painted surfaces that may be damaged during lifting, removal or installation process.

Use a solid, level surface to position the bike on a motorcycle lift and use all recommended safety techniques. Lift the bike so the rear wheel is just slightly off the ground.

1. REMOVE BOTH SADDLE BAGS AND SIDE COVERS. (FIGURES 1, 2)
2. REMOVE THE SEAT AND THE SHOCK AIR FILL VALVE NUT. (FIGURES 3, 4)

3. REMOVE THE THREE SCREWS ATTACHING THE RIGHT ELECTRICAL PANEL. TIE THE PANEL UP TO GAIN ACCESS TO THE SHOCK AND LINKAGE BEHIND IT. (FIGURE 5, 6)

4. WITH A TWISTING MOTION, REMOVE THE SHOCK GUARD FROM THE FRAME. (FIGURE 7, 8)
5. REMOVE THE SCREW IN THE IMAGES BELOW FROM THE FRAME. (FIGURES 9, 10)

FIGURE 9

FIGURE 10

6. REMOVE THE BOLTS FROM THE LOWER SHOCK AND LINKAGE CLEVIS. (FIGURES 11, 12)

FIGURE 11

FIGURE 12
7. REMOVE THE WHITE ELECTRICAL MODULE NEAR THE SHOCK FROM THE FRAME. (FIGURES 13, 14)

8. PULL THE UPPER LINKAGE PIN FROM THE FRAME. LOWER THE LINKAGE AND REMOVE THE LINKAGE PUSH ROD. (FIGURES 15, 16)
9. REMOVE THE SHOCK FROM THE FRAME AND REMOVE THE LINKAGE FROM THE UPPER EYELET. (FIGURES 17, 18)

11. Mount the air shock to the linkage in the orientation shown below. Route the air line up and over the shock. (Figures 23, 24)

![Figure 23](image1)

![Figure 24](image2)

12. Put the shock and linkage in the frame. Route the air hose through the left side of the motorcycle. Attach the linkage push rod to the linkage. (Figures 25, 26, 27, 28)

![Figure 25](image3)

![Figure 26](image4)

![Figure 27](image5)

![Figure 28](image6)
14. REMOVE THE THREE PANELS SHOWN BELOW FROM THE MOTORCYCLE. (FIGURES 33, 34, 35)

15. INSERT THE AIR PUMP ASSEMBLY INTO THE BATTERY BOX AND ATTACH USING THE SUPPLIED SCREWS AND LOCK WASHERS. (FIGURES 36, 37)
16. ROUTE THE AIR LINE FROM THE SHOCK ALONG THE LOWER LEFT SIDE OF THE ENGINE TOWARD THE FRONT OF THE MOTORCYCLE. ATTACH IT ALONG THE WAY WITH THE SUPPLIED ZIP TIES. MAKE SURE IT IS NOT TOUCHING THE EXHAUST OR RUBBING ON ANY MOVING PARTS. (FIGURES 38, 39)

FIGURE 38

FIGURE 39

17. TRIM THE 4MM HOSE TO LENGTH. FOLLOW THE SAME PROCESS AS IN STEP #10 SCREW THE VOSS FITTING INTO THE AIR MANIFOLD. (FIGURES 40)

FIGURE 40
18. REMOVE THE OE CLUTCH LEVER PERCH PINCH SCREW AND DISCARD. USING THE INCLUDED SCREW ATTACH THE SWITCH MOUNT TO THE CLUTCH PERCH. USING THE SHORTER INCLUDED SCREW ATTACH THE HANDLE BAR SWITCH TO THE MOUNT. (FIGURES 41, 42, 43, 44)

19. FOLLOW THE WIRING DIAGRAMS IN THE BACK OF THIS MANUAL TO COMPLETE THE ELECTRICAL CONNECTIONS.

The use and installation of any Arnott Air Suspension product or kit may adversely affect or void your factory warranty. It is the responsibility of the motorcycle owner to check federal, state and local laws and ordinances before modifying or customizing his or her motorcycle. It is the exclusive and total responsibility of the motorcycle owner to determine the suitability of this product for his or her use. The user shall assume all legal obligations, personal injury risk and all liability duties and risk associated with the use of this product. Arnott Air Suspension products are designed and intended for the experienced on-road motorcyclists only and intended for closed course operation. Arnott Air Suspension products and kits are designed exclusively for OEM manufactured and equipped motorcycles with no modifications. Any installation of aftermarket or customized components may adversely affect the operation and performance of Arnott Air suspension kits and components and may void the manufacturer’s warranty. These directions are accurate at time of publication. Arnott Inc. reserves the right to revise specifications without notice.
Installation Manual

KIT # MC-2913, MC-2927
FOR 2010-PRESENT
VICTORY® TOURING SERIES

INFLATION BUTTON

DEFLATION BUTTON

SOLENOID POWER
FUSE POWER
COMPRESSOR POWER
FEMALE SPADE CONNECTOR

MALE SPADE CONNECTOR
BLACK
RED (TWO WIRES)
ORANGE

AS SHOWN IN ILLUSTRATION ABOVE;
1. CUT SWITCH WIRING TO APPROPRIATE LENGTH.
2. CRIMP THE TWO MALE SPADE CONNECTORS TO THE ORANGE WIRE AND TO THE BLACK WIRE.
3. CRIMP THE FEMALE SPADE CONNECTOR TO THE DOUBLE RED WIRE.