Gaither PROFESSIONAL EQUIPMENT

BEAD BOOSTER®

Gaither PROFESSIONAL EQUIPMENT

Superior Performance

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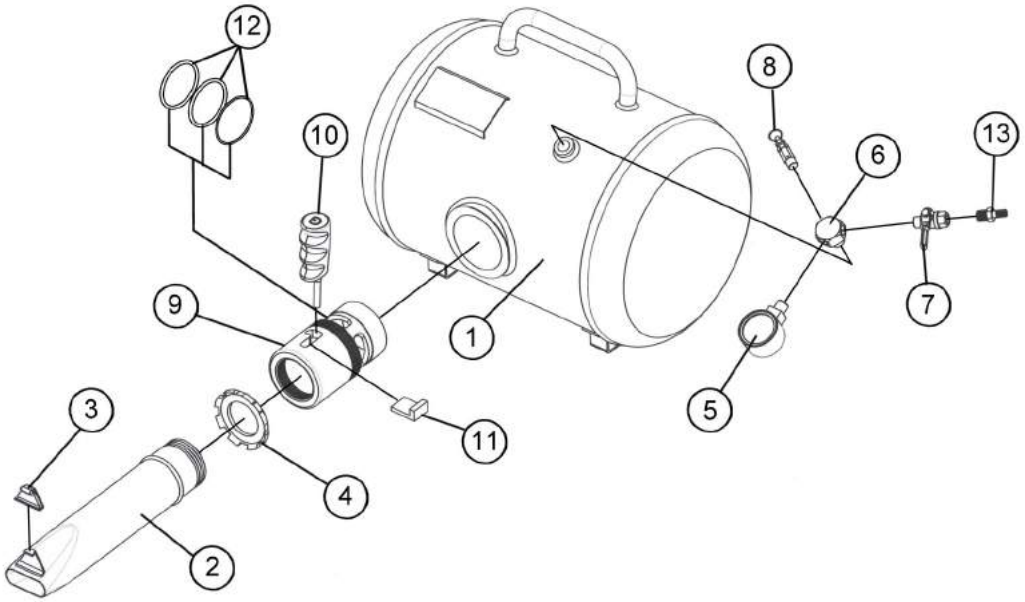
#GB-5M

Gaither's New 2" MIS Bead Booster®

Gaither's 2" MIS Bead Booster® (GB-5M)



Replacement Parts list

Ref. No.	Part No.	Description
1.	12910M5	5G. MIS Air Tank
2.	12913M2	2" Single Barrel
3.	12927M	Plastic Protector-Red
4.	12912B2	(50.8 mm) 2" Lock Nut
5.	12914B	1.5" Pressure Gauge 10Bar
6.	12930M	F ¼" x3 & M ¼"x1 Connector
7.	12916B	(6.35 mm) ¼"PT Intake Valve
8.	12917B	Safety Valve Max 10Bar
9.	12931M	2 Inch MIS Valve
10.	12932M	Tommy Gun Grip
11.	12919M	Red Safety Plug
12.	12933M	2 pcs Square & 1pc O-Ring / set.
13.	12927	Universal Connector

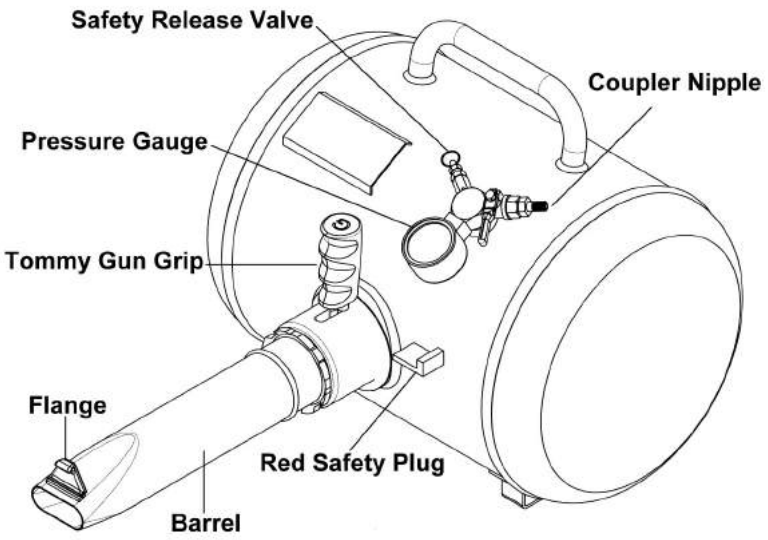
Bead Booster Accessories

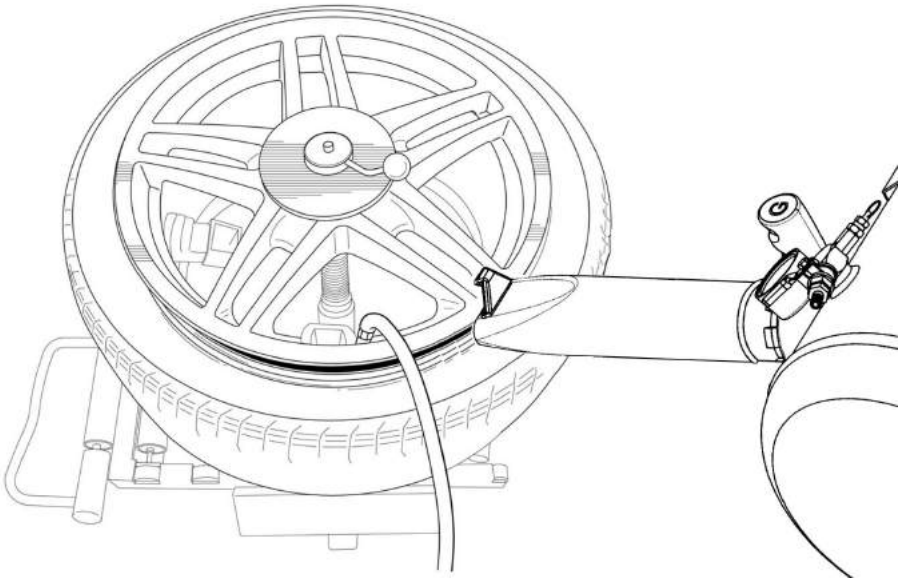
14. GB-51 KD-Tire Stand
15. GB-52 Air-Whip Hose
16. GB-53 Tire Wedge
17. GB-54 Safety Pack
(goggles & ear plugs)

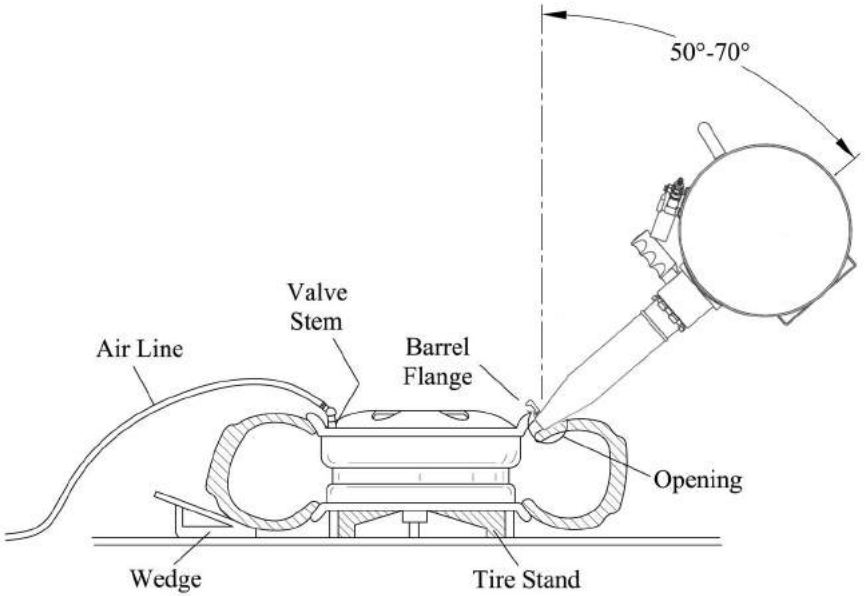
CAUTION:
It is best to use clean / filtered compressed air to fill all Bead Bazooka® / Bead Booster® inflation tools.

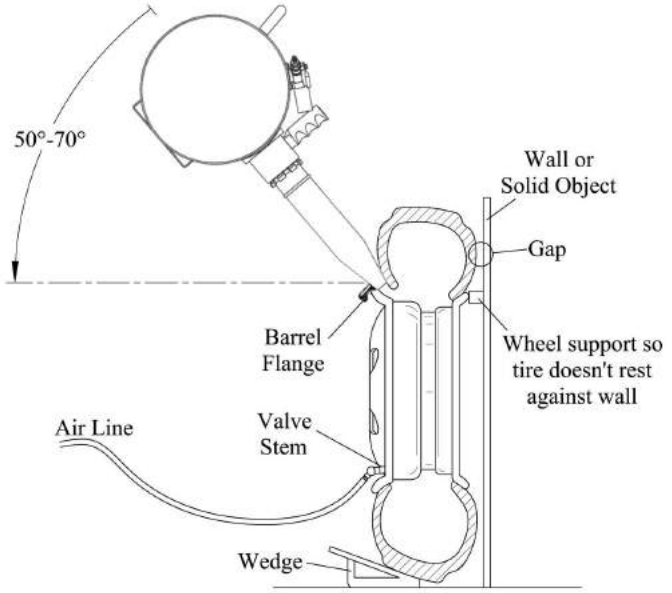
Unfiltered or unclean compressed air may cause poor performance and shorten the life of the product.

Gaither recommends this Bead Booster® tank be replaced after 5 years


Safety Release Valve
Coupler Nipple
Pressure Gauge
Tommy Gun Grip
Flange
Red Safety Plug
Barrel




50°-70°
Valve
Stem
Air Line
Barrel
Flange
Opening
Wedge
Tire Stand


50°-70°
Wall or
Solid Object
Gap
Barrel
Flange
Wheel support so
tire doesn't rest
against wall
Air Line
Valve
Stem
Wedge

By removing the safety tape attached to the MIS Valve of the Bead Booster®, you are acknowledging that you have read and understand the following:

Set-up of your new Bead Booster®(Gaither's GB-5M) unit

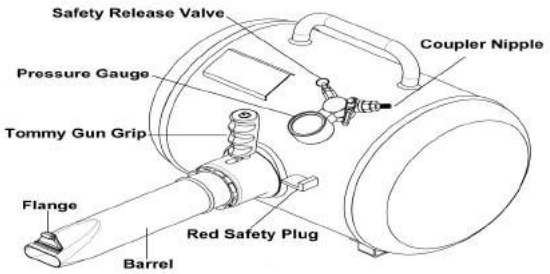


Diagram 1

Before using the **Bead Booster®** you must install the following:

1) The air coupler nipple is not included. Install an air coupler nipple that fits your particular system into the small intake valve (a) pictured above.
2)The barrel (b) must be installed into the large release opening shown in the above diagram. Install and secure lock nut so that the barrel is securely tightened.

Using the Bead Booster® with the tire/wheel assembly in a horizontal position:

1.Adjust the barrel so that the barrel flange is on top (opposite side of the handle stock) and parallel to the ground.
2.Place the tire so that the short side of the wheel is on the bottom and the long side of the wheel is on the top. (see diagram #2 below) The valve stem should be pointed upward to the sky. At this point the Gaither tire stand (GB-51) or block of wood should be holding the tire and wheel off the ground and the bottom bead should already be seated properly. (Note: to ensure proper and perfect bead seat, tire and wheel should always be adequately lubricated)
3.Attach an airline to your air coupler nipple and open the intake valve to fill the air tank to the desired working pressure. **Normal working pressure is from 20 to 150 psi / 1.5 to 10 Bar -Gaither's GB-5M.** The amount of pressure that is needed in the tank depends on the tire size and condition of the tire. *The Bead Booster® can help set the beads to wheels on motorcycle, passenger, ATV, industrial, truck, and some agricultural tires.*
4.Using two hands; one on the handle stock and the other on the Tommy Gun handle which is below, direct the barrel flange to the wheel exactly opposite the valve stem. (In most cases this is the best position but in some cases with smaller tires it is better to position the barrel close to the valve stem) Once you are in position to fire the Bead Booster® you may want to rest the barrel on the wheel flange. Make sure there is no valve core in the valve stem and using an airline or the Gaither Whip Hose (GB-52) apply a steady flow of air into the valve stem while simultaneously firing the Bead Booster®. For extreme cases: a Gaither Tire Wedge (GB-53) or wedges may be used under the tire to help close extremely large gaps between tire and wheel. (See Diagram #2)
5.Position the Bead Booster® so that the barrel opening is pointing directly into the largest gap between the tire and wheel. Normally a 50-70 degree angle is the best.
6.Secure tightly the Bead Booster® with both hands on both handles. and unlock the Tommy Gun handle. then slide forward to release the air inside of the tank. Hold steady the unit and always keep the air flow directed into the gap between the tire and wheel. Note: If this does not properly set the bead to the wheel, repeat the procedure at a higher pressure. You can also try to use the Bead Booster® in an upright position

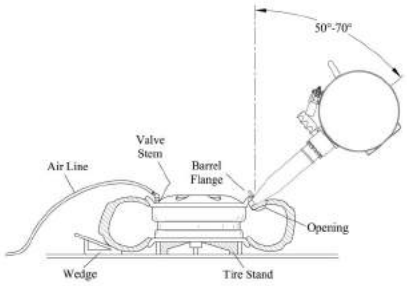


Diagram 2

CAUTION: AFTER THE BEAD HAS BEEN SET TO THE WHEEL, STOP THE AIR FLOW TO THE VALVE STEM, PLACE A VALVE CORE IN THE STEM, AND MOVE THE TIRE / WHEEL ASSEMBLY TO A TIRE INFLATION CAGE AND THEN CONTINUE INFLATING TO THE MANUFACTURER'S RECOMMENDED OPERATING PRESSURE.

Using the Bead Booster® with the tire/wheel assembly in a vertical position:

1) Adjust barrel so that the barrel flange is on the bottom same side as the handle stock (opposite side of the pressure gauge) and parallel to the ground. Make sure the barrel is fastened tightly with the lock nut.
2) Place tire/wheel assembly against a wall or solid prop so the bottom (or back bead) is already set to the wheel. (see diagram #3) Make sure the valve stem is pointing out and the long side of the wheel is closest to you. The Gaither Tire Wedge (GB-53) can be used as a prop to help set the bead properly.
3) Attach an airline to your air coupler nipple and open the intake valve to fill the air tank to the desired working pressure. **Normal working pressure in the vertical position is from 20 to 150 psi / 1.5 to 10 Bar -Gaither's GB-5M.** The amount of pressure that is needed in the tank depends on the tire size and condition of the tire.
4) Using two hands; one on the handle stock and the other on the Tommy Gun handle which is below, direct the barrel flange to the wheel exactly opposite the valve stem. Once you are in position to fire the Bead Booster® you may want to rest the barrel on the wheel flange. Make sure that there is no valve core in the valve stem and using an airline or the Gaither Whip Hose (GB-52) apply a steady flow of air into the valve stem while simultaneously firing the Bead Booster® .
5) Position the Bead Booster® so that the barrel opening is pointing directly into the largest gap between the tire and wheel. Normally a 50-70 degree angle is the best.
6) Secure tightly the Bead Booster® with both hands on both handles. and unlock the Tommy Gun handle. then slide forward to release the air inside of the tank. Hold steady the unit and always keep the air flow directed into the gap between the tire and wheel. Note: If this does not properly set the bead to the wheel, repeat the procedure at a higher pressure.

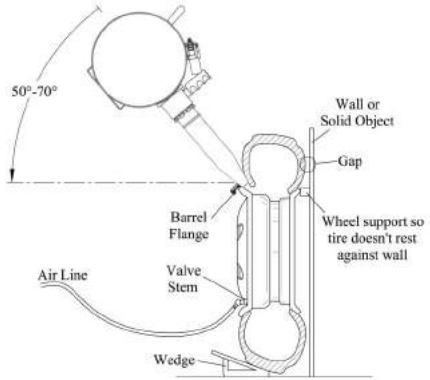


Diagram 3

CAUTION: AFTER THE BEAD HAS BEEN SET TO THE WHEEL, STOP THE AIR FLOW TO THE VALVE STEM, PLACE A VALVE CORE IN THE STEM, AND MOVE THE TIRE / WHEEL ASSEMBLY TO A TIRE INFLATION CAGE AND THEN CONTINUE INFLATING TO THE MANUFACTURER'S RECOMMENDED OPERATING PRESSURE.

WARNING: COMPRESSED AIR IS DANGEROUS - ALWAYS WEAR EYE AND EAR PROTECTION. ALWAYS FOLLOW THE INSTRUCTIONS GIVEN ABOVE. THE BEAD BOOSTER® IS A TOOL FOR THE TIRE INDUSTRY AND SHOULD NEVER BE USED OTHERWISE.
NEVER LEAVE A FILLED INFLATION TANK UNATTENDED. DISCHARGE AFTER FILLING EVER TIME, AND DO NOT STORE WITH PRESSURE INSIDE. REPLACE RED SAFETY PLUG AFTER EACH USE IN ORDER TO AVOID INADVERTENT DISCHARGE.

Note: For other trouble shooting issues and maintenance suggestions for your new Bead Booster®, as well as tips for problematic tires, please log on to www.gaithertool.com

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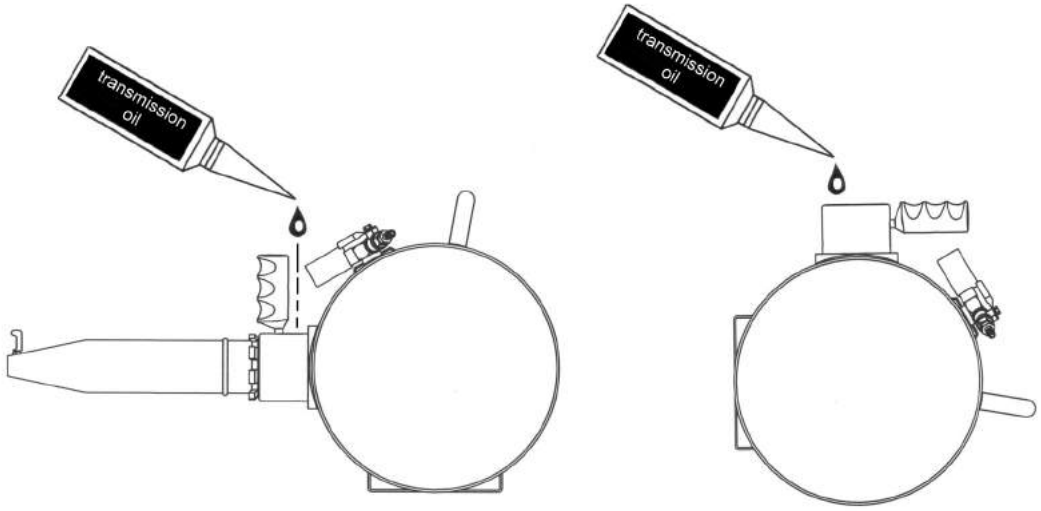
Bead Booster® Care (GB-5M)

For best performance, please add transmission oil or air tool oil to the MIS Valve every 3 months by performing the following steps:

1. Make sure Bead Booster® tank is completely empty of all pressure.
2. Remove the barrel.
3. Place the MIS Valve into the closed & locked position.
4. Apply a small amount of transmission oil or air tool oil to the upper (exposed) part of the valve.
5. Move the MIS Valve with the Tommy Gun grip repeatedly from the closed to open position until the oil properly coats the interior of the valve.



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NOTE

Gaither's 2" MIS Bead Booster® Accessories

GB-51 KD Tire Stand

GB-54 Safe Pack
goggles & ear plugs

12913M2
2 Inch Single Barrel

12916B
¼"PT Intake Valve

GB-52 Air Whip Hose

12919 Spiral Hose

12913B2
2 Inch Slotted Barrel

12914B
1.5" Pressure Gauge

GB-53 Tire Wedge

12913M
Slotted Barrel
w/ 2 Inch Connector

12913B2J
2 Inch Jet-Assisted Barrel

12917B
Safety Valve Max 10Bar

Gaither® PROFESSIONAL EQUIPMENT

BEAD BOOSTER®

Gaither PROFESSIONAL EQUIPMENT

GB-5Z

GB-5ZA

GB-5M

BEAD BAZOOKA®

TOMMY GUN Gaither PROFESSIONAL EQUIPMENT

Gaither's BB3LM
Gaither's BB6LM
Gaither's BB9LM

BB3LM

BB6LM

BB9LM

www.gaithertool.com

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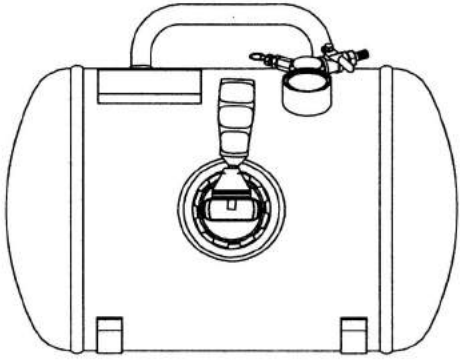

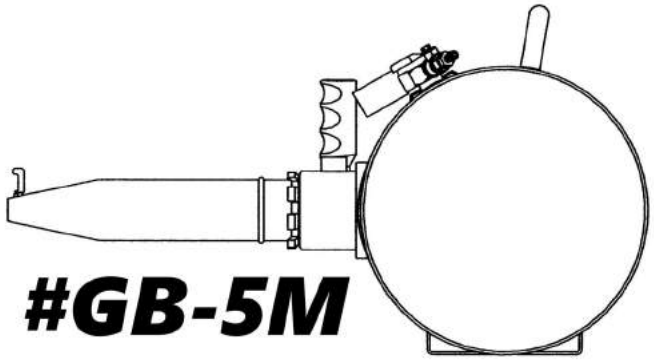

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