



VIBRANT[®]
PERFORMANCE

productguide
Revision 12

THE SOURCE FOR PROFESSIONAL FABRICATION COMPONENTS

you see a dilemma...



...we see an opportunity.

live the stories @

FABRICATION **Life**





Private Label Production

For over 13 years, Vibrant Performance has supported many of the Industry's top brands. You too can count on us as a partner for both your low and high volume production requirements. We are capable of supplying on a private label basis:

- Exhaust Systems and Components
- Intake Kits
- Turbo Kits
- Machined Parts
- so much more.....

Calling all Manufacturers

Let Vibrant Performance supply your larger volume component requirements. We've got the high quality products you want and the pricing you need to stay competitive.



x 100+



x 100+



x 100+



x 100+

WHAT'S NEW IN THIS EDITION

Each year brings new and exciting additions to the Vibrant Performance program. The following is just a sampling of some of the new and/or improved products we are bringing to market. Be sure to review the full catalog to discover everything we have to offer and don't forget to check our website on a regular basis for new product announcements throughout the year.



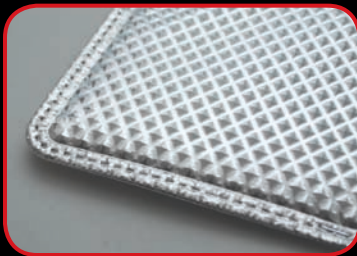
WELD WITHOUT WELDING!

Vibrant is very excited to introduce the FUSE line of Aluminum soldering wire and related accessories. This innovative product allows for relatively low temperature fusing of aluminum, eliminating the need for expensive tig welding on many projects. All you need is a standard propane or acetylene torch and some FUSE wire for easy, incredibly strong and professional looking welds.

Vibrant has significantly expanded our extremely popular Aluminum Mandrel Bend offering. New sizes and new bend angles mean more options for fabricators.

We are now offering bends and straight aluminum tubing in 1-1/2" and 1-3/4" OD and we also added 30, 60 and 120 degree bends in all sizes.

We now have, without a doubt, one of the most comprehensive selections of Aluminum bends and tubing in the performance aftermarket. There is virtually no need to consider other options.



Vibrant Performance has teamed up with DCI Performance Products™ of Australia to bring their industry leading Heat and Acoustic Shielding products to the North American market. DCI's patented technology allows them to produce superior heat and acoustic shields that are lightweight, recyclable, easy to install and cost effective.

In addition, Vibrant is now offering a selection of Thermal Sleeving and Tubing products to help protect automotive wires, hoses and cables from the damage that heat can inflict.



Vibrant Performance has entered into a strategic alliance with Global Emissions Systems Inc. which gives Vibrant exclusive responsibility for the marketing and distribution of GESi® Universal OBD2 High Performance Catalytic Converters to the automotive aftermarket.

GESi® is recognized as a global leader in the design, engineering and manufacturing of emission control systems for all kinds of fuel burning engines. Together, our two companies will be introducing a series of catalytic converters that will give customers peace of mind, reliability and effective long term emission control solutions for their high performance and OBD2 vehicles without robbing horsepower. Say goodbye to Check Engine Lights and failed government emissions tests.



Our customers asked and we delivered.

Vibrant's turbo manifold collector program has expanded to now include a range of taller 4-1 collectors, made from precision laser cut heavy wall Stainless Steel Schedule 10 pipe, designed to suit our industry's most popular turbo models. These new collectors measure 4-1/2" tall, helping simplify manifold fabrication.

Due to popular demand, our aluminum hose end and adapter fitting program has been greatly expanded. We have added 120 deg, 150 deg and 180 deg hose end fittings and our selection of adapter fittings has more than doubled. Watch for this program to continue growing.

Now more than ever, Vibrant Performance truly is THE source for professional fabricators to find everything they need to complete their projects.



TABLE OF CONTENTS

FABRICATION COMPONENTS

Aluminum Tubing / Mandrel Bends / Joiners / Cast Elbows	8-10
Intercoolers	11
VANJEN Clamping System	12-13
Reinforced Silicone Connectors (Straight/Transition/Hump/Elbows)	14-17
Non-Reinforced Silicone Connectors	18
Quick Release Boost Brace	18
Stainless Steel Hose Clamps (T-Bolt & Worm Gear)	19
Bellmouth Velocity Stacks	20
Performance Air Filters	20-21
Mass Airflow Sensor Adapters	22
Silicone Heater Hose / Silicone Vacuum Hose	23
Vacuum Manifold / Vacuum Line Fittings / High Temp Vacuum Hose	24-25
Manual Boost Controller	26
BOV Flange Assemblies (weld-on)	27
Stainless Steel Schedule 10 Pipes (Elbows / T-Pipes / Straight Lengths)	28
Turbo Manifold Merge Collectors	29
Turbo and Wastegate Flanges	30-36
Oil Restrictor Fitting / Oil Feed & Return Kits / Oil Feed & Return Flanges	37-38
Aluminum Hose End and Adapter Fittings / Braided Flex Hoses	39-41
Fuel Injector Style Mini-Clamps / One Time Use Pinch Clamps	41
Weld Bungs (Male / Female, AN & NPT)	42
Universal Catch Can / Thread-On Vacuum Scavenger	43
Heat and Acoustic Shields by DCI Performance Products	44-45
Thermal Sleeving	46
Windshield Washer Bottle Replacement Kits	47
Exhaust Manifold Flanges	48
Stainless Steel Mandrel Bends (Round & Oval) / Straight Tubing / Reducers	49-53
Stainless Steel Merge Collectors (4-1 and 2-1)	54-55
Stainless Steel Flex Couplings	56-57
OBD1 and OBD2 High Flow Catalytic Converters	58-59
V-Band Flange Assemblies (Stainless Steel & Aluminum)	60-61
Stainless Steel Exhaust Flanges (2-Bolt and 3-Bolt) and Gaskets	62
Exhaust Accessories (Clamps, O2 Sensor Fittings, Exhaust Hangers, etc...)	63-66
Fabrication Tools	67
Stainless Steel Resonators	68
Stainless Steel Race Mufflers / Aluminum Mufflers	69
Stainless Steel Universal Performance Mufflers (Polished / Flat Black)	70-73
Stainless Steel Exhaust Tips	74-75

PERFORMANCE EXHAUST SYSTEMS

Headers and Cat-Back Exhaust Systems	78-81
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MISCELLANEOUS

Honda / Acura Timing Belt Tensioner	82
Carbon Fiber Shift Knob	83
Vibrant Performance Authorized Dealer Kit / Promotional Products	83
FUSE	85
Index	86-89

FABRICATION COMPONENTS

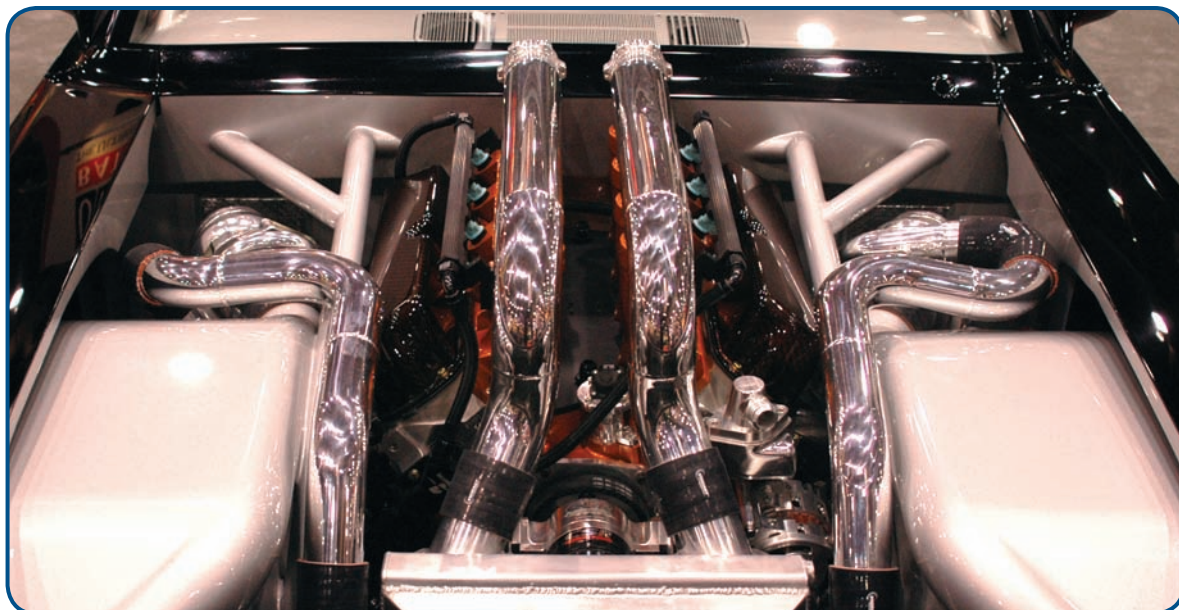
For over twenty years Vibrant has supplied critical exhaust components to the automotive aftermarket and OEM manufacturers worldwide. Several years ago, we identified a glaring void in the performance aftermarket for a reliable single source for hard to find fabrication components. Since then, we have made it our mandate to become the source for professional fabrication components.

Whether you are a weekend hobbyist or a professional fabricator, chances are we have what you are looking for.

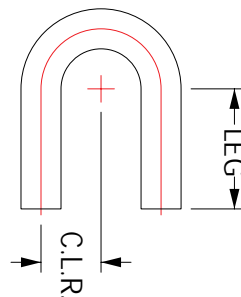


ALUMINUM TUBING

Fabricate your own custom intercooler and intake assemblies using Vibrant Performance Aluminum Tubing. These mirror polished T6061 Elbows and Straight Aluminum are all 1.5mm thick and available in sizes ranging from 1 1/2" to 4" O.D. Great for welding.

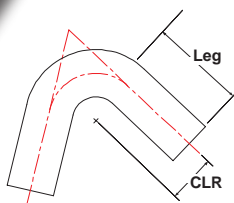
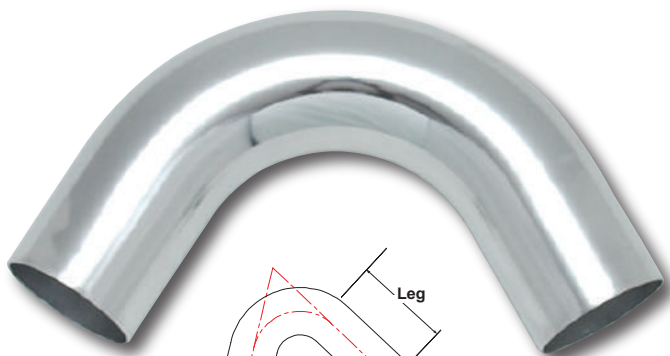


180° ALUMINUM ELBOWS



Part No.	Tube O.D.	CL Radius	Leg Length
2863	1 1/2"	2 1/4"	4"
2864	1 3/4"	2 1/4"	4"
2865	2"	2 1/2"	4"
2867	2 1/2"	3 3/4"	3 1/2"
2868	2 3/4"	4 1/4"	3 1/2"
2869	3"	4 1/2"	2 1/2"

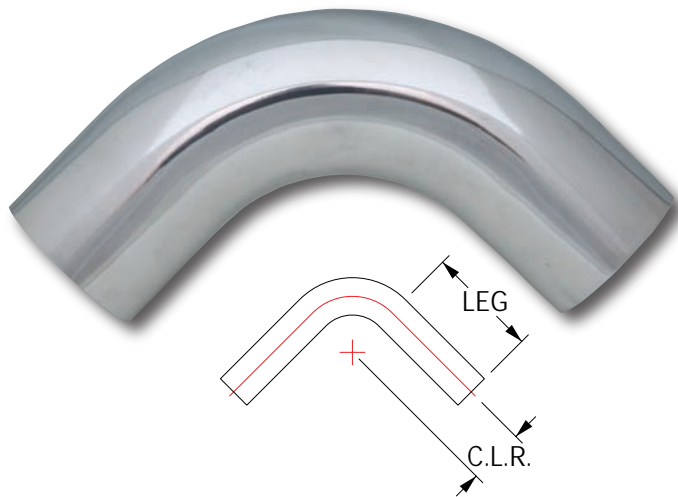
120° ALUMINUM ELBOWS



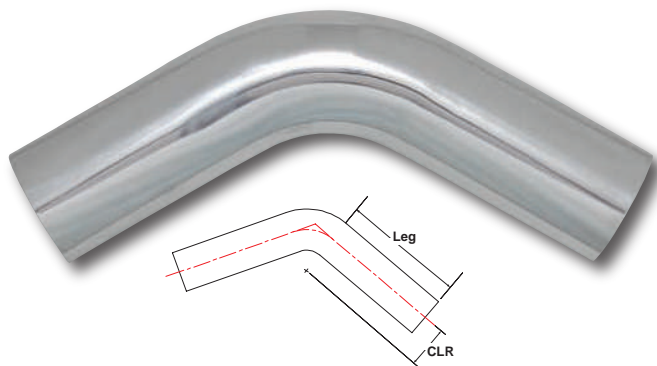
Part No.	Tube O.D.	CL Radius	Leg Length
2154	1 1/2"	2 1/4"	4"
2155	1 3/4"	2 1/4"	4"
2823	2"	2 1/2"	4"
2824	2 1/4"	3"	4"
2825	2 1/2"	3 3/4"	3"
2826	2 3/4"	4 1/4"	3"
2827	3"	4 1/2"	2 1/2"
2828	3 1/2"	4 3/4"	2 1/2"
2829	4"	6"	2 1/2"

90° ALUMINUM ELBOWS

Part No.	Tube O.D.	CL Radius	Leg Length
2158	1 1/2"	2 1/4"	4"
2159	1 3/4"	2 1/4"	4"
2884	2"	2 1/2"	4 1/2"
2887	2 1/4"	3"	4 1/2"
2178	2 1/2"	3 3/4"	3"
2881	2 3/4"	4 1/4"	3"
2176	3"	4 1/2"	2 1/2"
2891	3 1/2"	4 1/2"	2 1/2"
2876	4"	5"	2 1/2"



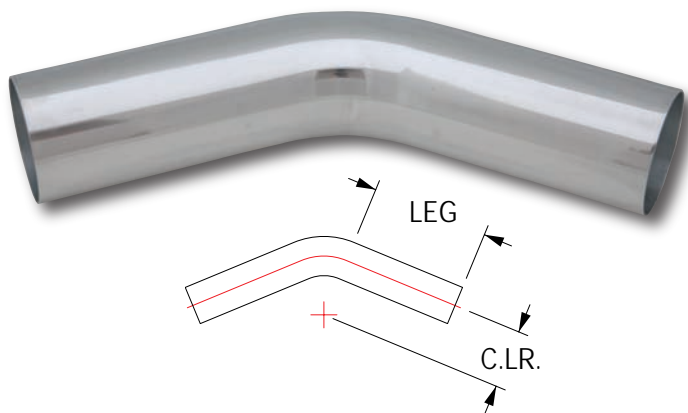
60° ALUMINUM ELBOWS



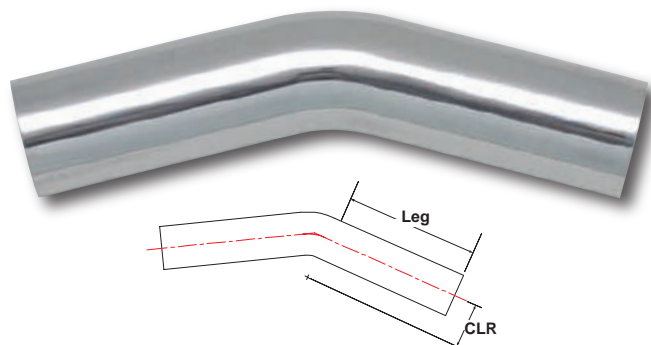
Part No.	Tube O.D.	CL Radius	Leg Length
2152	1 1/2"	2 1/4"	6"
2153	1 3/4"	2 1/4"	6"
2814	2"	2 1/2"	6"
2816	2 1/4"	3"	6"
2817	2 1/2"	3 3/4"	6"
2818	2 3/4"	4 1/4"	6"
2819	3"	4 1/2"	6"
2821	3 1/2"	4 1/2"	5 1/2"
2822	4"	5"	5 1/2"

45° ALUMINUM ELBOWS

Part No.	Tube O.D.	CL Radius	Leg Length
2156	1 1/2"	2 1/4"	6"
2157	1 3/4"	2 1/4"	6"
2883	2"	2 1/2"	6"
2886	2 1/4"	3"	6"
2177	2 1/2"	3 3/4"	6"
2880	2 3/4"	4 1/4"	6"
2175	3"	4 1/2"	6"
2890	3 1/2"	4 1/2"	5 1/2"
2875	4"	5"	5 1/2"



30° ALUMINUM ELBOWS



Part No.	Tube O.D.	CL Radius	Leg Length
2150	1 1/2"	2 1/4"	6 1/2"
2151	1 3/4"	2 1/4"	6 1/2"
2806	2"	2 1/2"	6 1/2"
2807	2 1/4"	3"	6 1/2"
2808	2 1/2"	3 3/4"	6 1/2"
2809	2 3/4"	4 1/4"	6"
2811	3"	4 1/2"	6"
2812	3 1/2"	4 1/2"	5 1/2"
2813	4"	5"	5 1/2"

ALUMINUM STRAIGHT TUBING

Tube O.D.	18" Long Part No.	5 foot Long Part No.
1 1/2"	2171	12171
1 3/4"	2172	12172
2"	2885	12885
2 1/4"	2888	12888
2 1/2"	2174	12174
2 3/4"	2882	12882
3"	2173	12173
3 1/2"	2892	12892
4"	2877	12877



Available in both 18" and 5 foot lengths

Please note: Overall length tolerance = +/- 2"

TECH TIP

You can build your own custom, ultra lightweight exhaust system using Vibrant Performance T6061 Aluminum Mandrel Bends, Straight Tubing, Aluminum Mufflers (page 69) and Aluminum V-Band Flange Assemblies (page 61).

ALUMINUM JOINERS

Our Aluminum Joiners come in handy in so many ways. They are especially useful for creating affordable custom silicone coupling combinations to suit your specific needs.

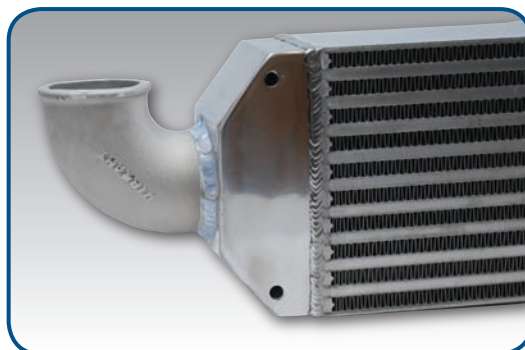


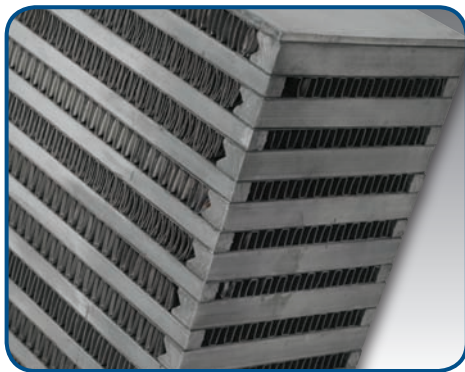
Part No.	Tube O.D.	Overall Length
12049	1 1/2"	3"
12048	1 3/4"	3"
12050	2"	3"
12051	2 1/4"	3"
12052	2 1/2"	3"
12053	2 3/4"	3"
12054	3"	3"
12055	3 1/2"	3"
12056	4"	3"

* Aluminum Joiners feature beaded ends for more secure clamping

TIGHT RADIUS 90° CAST ALUMINUM ELBOWS

Part No.	Elbow O.D.
2872	2"
2873	2 1/2"
2874	3"





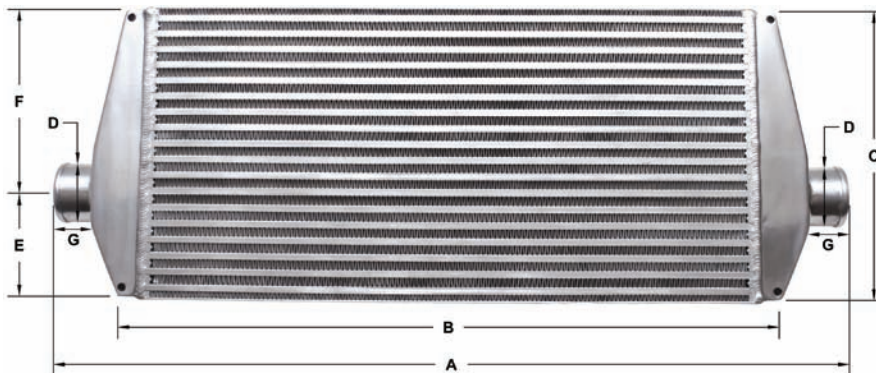
AIR TO AIR INTERCOOLERS

Vibrant Air to Air Intercoolers feature Bar and Plate construction that delivers maximum cooling efficiency while minimizing pressure drop. Furthermore, their overall strength and durability make them capable of handling even the most extreme, high boost, race applications.

Traditional intercoolers with a Tube and Fin construction have a limited cooling capacity. Vibrant Bar & Plate Intercoolers deliver significantly cooler, denser air to your engine, reducing the likelihood of detonation and maximizing your turbo's power making potential.

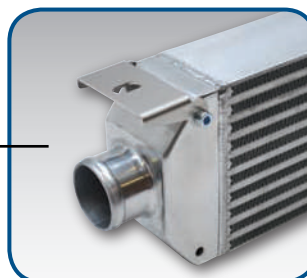
Vibrant Intercoolers are available with and without tig welded cast aluminum end tanks in three core sizes. All intercoolers with end tanks are pressure tested to ensure a leak free assembly.

INTERCOOLERS - COMPLETE ASSEMBLY

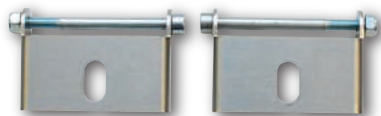


Part No.	HP Rating	Core Thickness	Overall Width A	Core Width B	Height C	Inlet / Outlet D	E	F	G
12800	350 HP	3.25"	26"	20"	6.50"	2.50"	3.25"	3.25"	1.75"
12810	550 HP	3.25"	30"	24"	9.25"	2.50"	3.50"	5.75"	1.75"
12815	875 HP	3.50"	33"	27"	12"	3"	4.50"	7.50"	1.75"
12816	875 HP	3.50"	33"	27"	12"	2.50"	4.50"	7.50"	1.75"

All Vibrant Performance Intercooler assemblies include a pair of T304 Stainless Steel "Easy Mount" bracket assemblies (and required hardware). These bracket assemblies bolt on to the intercooler end tanks to make mounting your intercooler significantly easier.



STAINLESS STEEL "EASY MOUNT" BRACKETS



Part No.	Description
12827	Replacement "Easy Mount" Intercooler Brackets for Intercooler no. 12800
12828	Replacement "Easy Mount" Intercooler Brackets for Intercooler no. 12810
12829	Replacement "Easy Mount" Intercooler Brackets for Intercooler no. 12815

INTERCOOLERS - CORE ONLY

Part No.	Core Size (width x height x thickness)	HP Rating
12830	18" W x 6 1/2" H x 3 1/4" T	350 HP
12831	22" W x 9 1/4" H x 3 1/4" T	550 HP
12832	25" W x 12" H x 3 1/2" T	875 HP



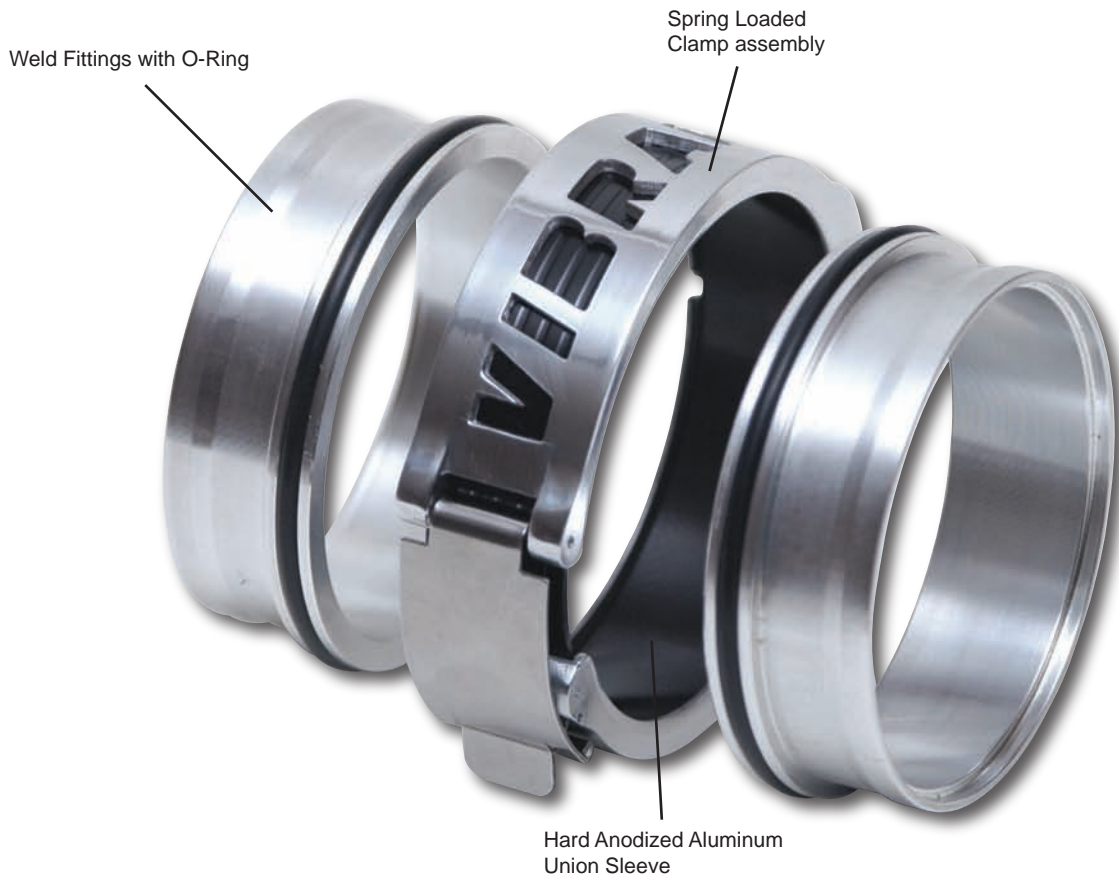
VANJEN CLAMPING SYSTEM

The VanJen Clamping System is the ultimate in flexible, banded clamp connector solutions from Vibrant Performance.

Constructed entirely from T6061 aluminum, and featuring a unique Quick Release clamping mechanism, the Vibrant VanJen Clamp provides a leak-free, modular connection that is ideal for pressurized air applications. Capable of withstanding up to 110 psi. operating pressure and temperatures up to 400 deg. F, the VanJen Clamp System is ideal for turbo intake plumbing.

The VanJen Clamp System consists of 2 weld fittings (with O-Rings), one union sleeve, a safety pin and a spring loaded clamp assembly designed specifically for automotive use. Once the fittings are welded to the tubing, the union sleeve houses the fittings and is held in place by the clamp assembly. Once assembled, the VanJen Clamp System provides a flexible connection that can withstand vibration, movements along its axis, lateral misalignment and angular deflection (up to 12 deg.).

Fittings, Union Sleeves and Clamps can also be purchased as separate components. Please refer to application chart on Page 13.



VANJEN CLAMP - COMPLETE ASSEMBLY



Each VANJEN Clamp Assembly includes:

- One (1), Quick Release Clamp (with safety pin)
- One Pair, Aluminum Weld Fittings
- One (1), Hard Anodized Aluminum Union Sleeve

Part No.	Description
12505	Full Assembly for 2-1/2" O.D. Tubing
12506	Full Assembly for 3" O.D. Tubing
12507	Full Assembly for 3-1/2" O.D. Tubing
12508	Full Assembly for 4" O.D. Tubing

QUICK RELEASE CLAMP

Part No.	Description
12525	Quick Release Clamp for 2-1/2" O.D. Tubing
12526	Quick Release Clamp for 3" O.D. Tubing
12527	Quick Release Clamp for 3-1/2" O.D. Tubing
12528	Quick Release Clamp for 4" O.D. Tubing



HARD ANODIZED ALUMINUM UNION SLEEVE



Part No.	Description
12565	Union Sleeve for 2-1/2" O.D. Tubing
12566	Union Sleeve for 3" O.D. Tubing
12567	Union Sleeve for 3-1/2" O.D. Tubing
12568	Union Sleeve for 4" O.D. Tubing

ALUMINUM WELD FITTINGS

Part No.	Description
12545	Aluminum Weld Fittings for 2-1/2" O.D. Tubing
12546	Aluminum Weld Fittings for 3" O.D. Tubing
12547	Aluminum Weld Fittings for 3-1/2" O.D. Tubing
12548	Aluminum Weld Fittings for 4" O.D. Tubing

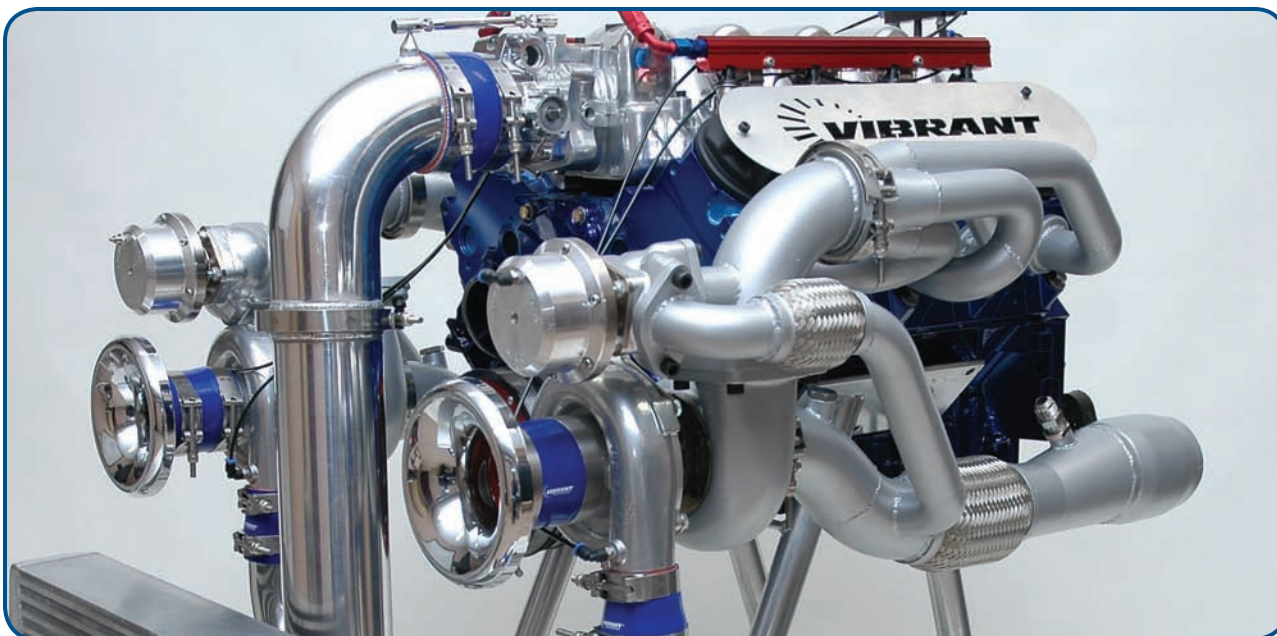


REPLACEMENT O-RINGS FOR WELD FITTINGS

Part No.	Description
12545R	Replacement O-Ring for 2-1/2" Weld Fittings
12546R	Replacement O-Ring for 3" Weld Fittings
12547R	Replacement O-Ring for 3-1/2" Weld Fittings
12548R	Replacement O-Ring for 4" Weld Fittings

REINFORCED SILICONE CONNECTORS

Vibrant Performance Reinforced Silicone Connectors are hand wrapped and feature 4-ply reinforcement. This construction is capable of withstanding high temperature and high boost conditions without swelling or bursting. Available in 3", 12" and 36" long straight sections, transition hoses, hump hoses, and 45 deg. and 90 deg. elbows and transition elbows. Rated for temperatures ranging from -65 deg. F to 350 deg. F.

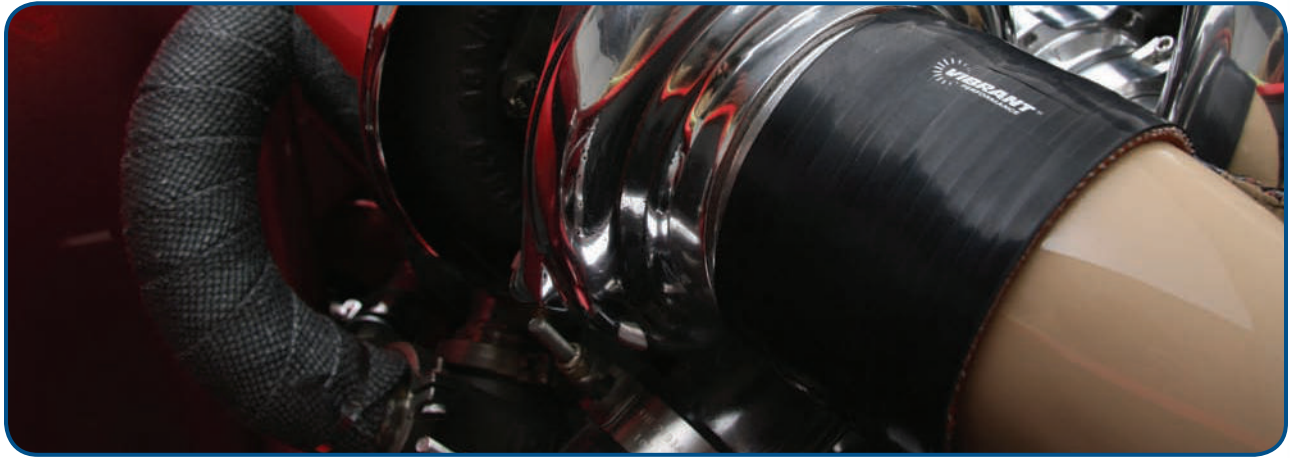


4 PLY SILICONE STRAIGHT HOSE COUPLINGS



Now available in 3", 12" and 36" lengths

SIZE (I.D.)	3" LONG HOSES			12" LONG HOSES			36" LONG HOSES		
	Black Part No.	Blue Part No.	Red Part No.	Black Part No.	Blue Part No.	Red Part No.	Black Part No.	Blue Part No.	Red Part No.
1"	2700	2700B	2700R	27011	27011B	27011R	2701	2701B	2701R
1-1/4"	2726	2726B	2726R	27271	27271B	27271R	2727	2727B	2727R
1-1/2"	2702	2702B	2702R	27031	27031B	27031R	2703	2703B	2703R
1-3/4"	2704	2704B	2704R	27051	27051B	27051R	2705	2705B	2705R
2"	2706	2706B	2706R	27071	27071B	27071R	2707	2707B	2707R
2-1/4"	2708	2708B	2708R	27091	27091B	27091R	2709	2709B	2709R
2-1/2"	2710	2710B	2710R	27111	27111B	27111R	2711	2711B	2711R
2-3/4"	2712	2712B	2712R	27131	27131B	27131R	2713	2713B	2713R
3"	2714	2714B	2714R	27151	27151B	27151R	2715	2715B	2715R
3-1/4"	2720	2720B	2720R	27211	27211B	27211R	2721	2721B	2721R
3-1/2"	2716	2716B	2716R	27171	27171B	27171R	2717	2717B	2717R
4"	2718	2718B	2718R	27191	27191B	27191R	2719	2719B	2719R
4-1/2"	2722	2722B	2722R	27231	27231B	27231R	2723	2723B	2723R
5"	2724	2724B	2724R	27251	27251B	27251R	2725	2725B	2725R



4 PLY SILICONE HUMP HOSE COUPLINGS



All Hump Hoses have a 3" overall length.

Size (I.D.)	Black Part No.	Blue Part No.	Red Part No.
1-1/2"	2729	2729B	2729R
2"	2730	2730B	2730R
2-1/4"	2731	2731B	2731R
2-1/2"	2732	2732B	2732R
2-3/4"	2733	2733B	2733R
3"	2734	2734B	2734R
3-1/4"	2737	2737B	2737R
3-1/2"	2735	2735B	2735R
4"	2736	2736B	2736R
4-1/2"	2738	2738B	2738R
5"	2739	2739B	2739R

4 PLY SILICONE TRANSITION HOSE COUPLINGS

Size (I.D.)	Black Part No.	Blue Part No.	Red Part No.
1-1/2" x 1-3/4"	2762	2762B	2762R
1-1/2" x 2"	2763	2763B	2763R
1-3/4" x 2"	2767	2767B	2767R
1-3/4" x 2-1/2"	2838	2838B	2838R
2" x 2-1/4"	2765	2765B	2765R
2" x 2-1/2"	2766	2766B	2766R
2" x 2-3/4"	2778	2778B	2778R
2" x 3"	2779	2779B	2779R
2-1/4" x 2-1/2"	2768	2768B	2768R
2-1/4" x 2-3/4"	2769	2769B	2769R
2-1/4" x 3"	2770	2770B	2770R
2-1/2" x 2-3/4"	2771	2771B	2771R
2-1/2" x 3"	2772	2772B	2772R
2-1/2" x 3-1/4"	2761	2761B	2761R
2-1/2" x 3-1/2"	2764	2764B	2764R
2-3/4" x 3"	2773	2773B	2773R
3" x 3-1/4"	2760	2760B	2760R
3" x 3-1/2"	2774	2774B	2774R
3" x 4"	2775	2775B	2775R

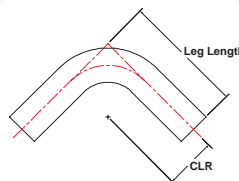


All Transition Hoses have a 3" overall length.

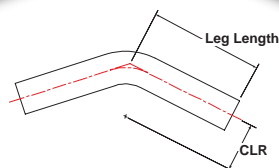
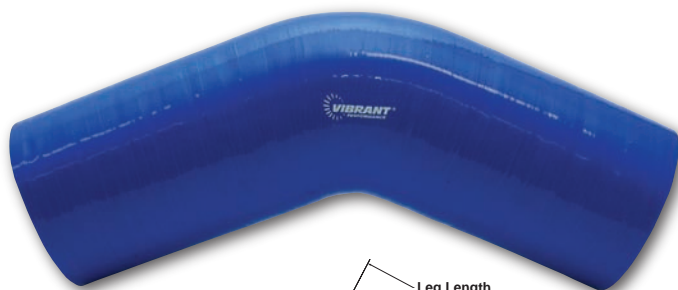
Size (I.D.)	Black Part No.	Blue Part No.	Red Part No.
3-1/4" x 3-1/2"	2835	2835B	2835R
3-1/4" x 4"	2839	2839B	2839R
3-1/2" x 4"	2776	2776B	2776R
3-1/2" x 4-1/2"	2836	2836B	2836R
4" x 4-1/2"	2837	2837B	2837R
4" x 5"	2777	2777B	2777R

4 PLY 90° SILICONE ELBOWS

Size (I.D.)	Bend Radius	Leg Length	Black Part No.	Blue Part No.	Red Part No.
1-1/2"	1-1/2"	7"	2749	2749B	2749R
1-3/4"	1-3/4"	7"	2843	2843B	2843R
2"	2"	7 1/2"	2740	2740B	2740R
2-1/4"	2-1/4"	8"	2741	2741B	2741R
2-1/2"	2-1/2"	8"	2742	2742B	2742R
2-3/4"	2-3/4"	8"	2743	2743B	2743R
3"	3"	8"	2744	2744B	2744R
3-1/4"	3-1/4"	8"	2747	2747B	2747R
3-1/2"	3-1/2"	8"	2745	2745B	2745R
4"	4"	8"	2746	2746B	2746R
4-1/2"	4-1/2"	7 1/2"	2748	2748B	2748R



4 PLY 45° SILICONE ELBOWS



Size (I.D.)	Bend Radius	Leg Length	Black Part No.	Blue Part No.	Red Part No.
1-1/2"	2-1/2"	6"	2759	2759B	2759R
1-3/4"	2-1/2"	6"	2854	2854B	2854R
2"	3"	6"	2750	2750B	2750R
2-1/4"	4"	6"	2751	2751B	2751R
2-1/2"	4"	6"	2752	2752B	2752R
2-3/4"	2-3/4"	6"	2753	2753B	2753R
3"	4"	6"	2754	2754B	2754R
3-1/4"	3-1/4"	6"	2757	2757B	2757R
3-1/2"	3-1/2"	6"	2755	2755B	2755R
4"	4"	6"	2756	2756B	2756R
4-1/2"	4-1/2"	6"	2758	2758B	2758R

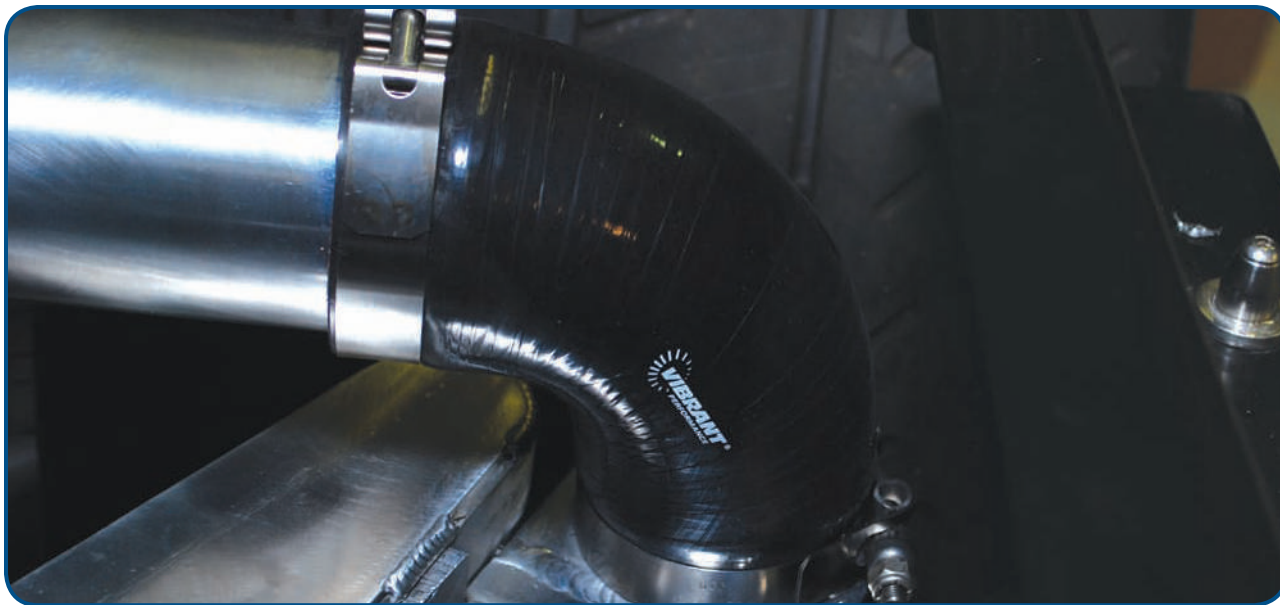
4 PLY 90° SILICONE TRANSITION ELBOWS

Size (I.D.)	Bend Radius	Leg Length	Black Part No.	Blue Part No.	Red Part No.
2" x 2-1/2"	2-1/2"	7 1/2"	2780	2780B	2780R
2-1/2" x 2-3/4"	2-3/4"	8"	2781	2781B	2781R
2-1/2" x 3"	3"	8"	2782	2782B	2782R
2-3/4" x 3"	3"	8"	2783	2783B	2783R
3" x 4"	4"	8"	2785	2785B	2785R



Vibrant transition elbows are designed for maximum flow.





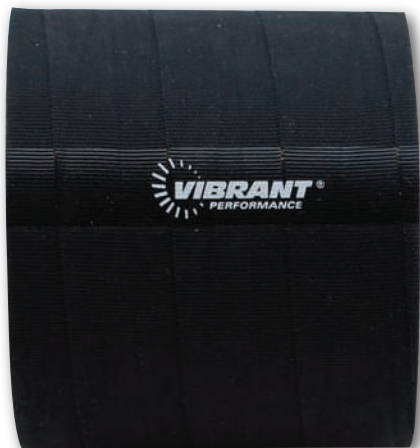
MULTI-PLY ARAMID REINFORCED SILICONE CONNECTORS

Due to popular demand, Vibrant Performance now offers a selection of Ultra High Performance multi-ply Aramid reinforced silicone connectors for use on high temperature and high pressure applications.

Suitable for boost, air and water applications, these hoses are capable of withstanding temperatures ranging from -65 deg. F to 500 deg. F and features burst pressure ratings in excess of 130 psi (For Hump Hose Connectors with reinforcement rings).

Available in Matte Black only.

HIGH TEMP STRAIGHT SILICONE CONNECTORS



Size (I.D.)	Length	Part No.
2"	3"	11805
2 1/4"	3"	11806
2 1/2"	3"	11808
2 3/4"	3"	11809
3"	3"	11810
3 1/2"	3"	11812
4"	3"	11814
5"	3"	11816
6"	3"	11817

HIGH TEMP SILICONE HUMP HOSE CONNECTORS WITH REINFORCEMENT RINGS



Size (I.D.)	Length	Rings	Part No.
3"	6"	3	11820
3 1/2"	6"	3	11821
4"	6"	3	11822

NON REINFORCED SILICONE COUPLINGS

Vibrant Performance Non Reinforced Silicone Couplings are ideal for low pressure applications (not recommended for use in pressurized applications). Two stainless steel hose clamps are included with each coupling.

NON REINFORCED SILICONE SLEEVES



Part No.	Description	Colour
12700	3" ID x 3" long	Black
12701	3 1/2" ID x 3" long	Black
12702	4" ID x 3" long	Black

NON REINFORCED 90 DEG SILICONE ELBOWS



Part No.	Description	Colour
12720	3" ID x 5" tall	Black
12721	3 1/2" ID x 5" tall	Black
12722	4" ID x 5" tall	Black

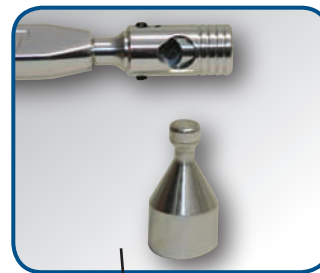
NON REINFORCED SILICONE REDUCERS



Part No.	Description	Colour
12710	2 1/4" ID x 3" ID x 3" long	Black
12711	2 1/2" ID x 3" ID x 3" long	Black
12712	3" ID x 3 1/2" ID x 3" long	Black
12713	3" ID x 4" ID x 3" long	Black

QUICK RELEASE BOOST BRACE

Vibrant Performance Quick Release Boost Braces eliminate the risk of having your intercooler tubing pull apart from your silicone connectors under high boost. These fully adjustable aluminum braces are available with your choice of Aluminum or Stainless Steel mounts that are radiused for simplified welding. The quick release feature allows you to easily disconnect the brace from the mounts when necessary.



Boost Brace can be quick released from mounting tabs

Part No.	Description
12640	Quick Release Boost Brace Assembly with Aluminum Mounting Tabs - Polished
12641	Quick Release Boost Brace Assembly with S.S. Mounting Tabs - Polished
12642	Pair of Aluminum mounting tabs
12643	Pair of Stainless Steel mounting tabs

STAINLESS STEEL T-BOLT CLAMPS

Vibrant Stainless Steel T-Bolt Clamps provide reliable, leak-proof connections for hose and tube assemblies. They offer superior tensile strength and durability compared to worm gear clamps. Complete 300-series Stainless Steel construction (including bolt and lock-nut) offers outstanding corrosion resistance, making them the perfect choice for medium and heavy-duty applications.

- Ideally suited for high boost applications
- Always use T-Bolt clamps when clamping Vibrant Reinforced Silicone Couplings
- 3/4" (19mm) wide Stainless Steel Band
- Now featuring upgraded, heavier duty Stainless Steel hardware
- Sold in Pairs



TECH TIP

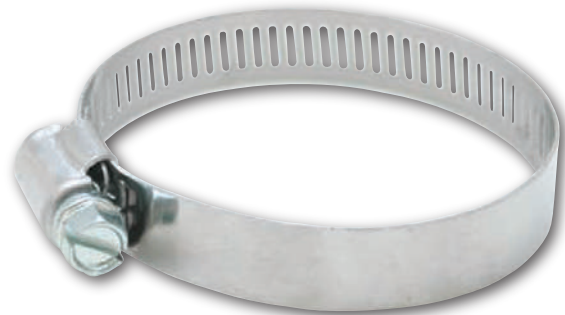
If you intend to loosen and re-tighten your T-Bolt Clamps regularly, applying anti-seize lubricant to the threads will improve service life.

Part No.	Clamping Range	Application	Quantity
2787	1.25" - 1.60"	for use with 1" I.D. hose couplings	2 clamps/pack
2788	1.49" - 1.84"	for use with 1 1/4" I.D. hose couplings	2 clamps/pack
2789	1.75" - 2.10"	for use with 1 1/2" I.D. hose couplings	2 clamps/pack
2790	2.00" - 2.30"	for use with 1 3/4" I.D. hose couplings	2 clamps/pack
2791	2.27" - 2.63"	for use with 2" I.D. hose couplings	2 clamps/pack
2792	2.53" - 2.75"	for use with 2 1/4" I.D. hose couplings	2 clamps/pack
2793	2.75" - 3.10"	for use with 2 1/2" I.D. hose couplings	2 clamps/pack
2794	3.01" - 3.25"	for use with 2 3/4" I.D. hose couplings	2 clamps/pack
2795	3.28" - 3.60"	for use with 3" I.D. hose couplings	2 clamps/pack
2803	3.50" - 3.80"	for use with 3 1/4" I.D. hose couplings	2 clamps/pack
2796	3.76" - 4.05"	for use with 3 1/2" I.D. hose couplings	2 clamps/pack
2798	4.20" - 4.60"	for use with 4" I.D. hose couplings	2 clamps/pack
2797	4.75" - 5.10"	for use with 4 1/2" I.D. hose couplings	2 clamps/pack
2799	5.30" - 5.60"	for use with 5" I.D. hose couplings	2 clamps/pack
2804	6.28" - 6.59"	for use with 6" I.D. hose couplings	2 clamps/pack

STAINLESS STEEL WORM GEAR CLAMPS

Vibrant Stainless Steel Worm Gear Clamps are ideal for a wide variety of light to medium duty fastening applications like air intake kits and vacuum hoses (not recommended for heavy duty, high pressure applications).

These clamps feature 300 series Stainless Steel construction for outstanding corrosion resistance.



Part No.	Clamping Range	Band Width	Quantity
12150	0.25" - 0.63" (6mm - 16mm)	5/16" (8mm)	10 clamps/pack
12151	0.44" - 0.90" (11mm - 23mm)	1/2" (12.7mm)	10 clamps/pack
12152	0.75" - 1.50" (19mm - 38mm)	1/2" (12.7mm)	10 clamps/pack
12153	1.30" - 2.16" (33mm - 55mm)	1/2" (12.7mm)	10 clamps/pack
12154	2.04" - 3.00" (52mm - 76mm)	1/2" (12.7mm)	10 clamps/pack
12155	2.79" - 3.74" (71mm - 95mm)	1/2" (12.7mm)	10 clamps/pack
12156	3.54" - 4.49" (90mm - 114mm)	1/2" (12.7mm)	10 clamps/pack
12157	4.05" - 5.00" (103mm - 127mm)	1/2" (12.7mm)	10 clamps/pack
12158	4.56" - 5.51" (116mm - 140mm)	1/2" (12.7mm)	10 clamps/pack

ALUMINUM BELLMOUTH VELOCITY STACKS

Vibrant Performance high efficiency Bellmouth-style Velocity Stacks are ideal for All Motor and Forced Induction race applications. They allow for less turbulent air to enter your engine, resulting in dramatic airflow improvements and ultimately significant torque and horsepower gains. Also reduces turbo lag. Spun from 1/8" thick T6061 Aluminum Alloy.



Part No.	Inlet O.D.	Bellmouth O.D.	Compatible Air Filter
10950	2 1/2"	6"	10960
10951	3"	6"	10960
10952	3 1/2"	6"	10960
10953	4"	7"	10961
10954	5"	8 3/4"	N/A



AIR FILTER FOR BELLMOUTH VELOCITY STACKS

Part No.	Inlet I.D.	Cone O.D.	Height	Filter Cap Color	Note
10960	6"	5"	3-5/8"	Black	For use on Part No. 10950, 10951 and 10952 only
10961	7"	5"	7"	Black	For use on Part No. 10953



“THE CLASSIC” PERFORMANCE AIR FILTERS

Vibrant Performance “Classic Filters” feature a 4 ply pleated cotton-gauze element that allows for significantly more airflow than a stock filter while providing excellent filtration of airborne particulate. Each filter is pre-oiled, and is washable and reusable. For maximum benefit, we recommend that the filter element is cleaned every 10,000-15,000 miles (more frequent cleaning may be necessary depending on conditions). These filters are covered by a Limited Lifetime Warranty and are made in the USA.



STANDARD CLASSIC FILTERS

Part No.	Inlet I.D.	Cone O.D.	Height	Filter Cap Color
10920	2 1/4"	5 1/4"	5"	Black
10921	2 1/2"	5 1/4"	5"	Black
10922	2 3/4"	5 1/4"	5"	Black
10923	3"	5 1/4"	5"	Black
10924	3 1/2"	5 1/4"	5"	Black
10925	4"	5 1/4"	5"	Black
10926	4 1/2"	5 1/4"	5"	Black

SHORTY CLASSIC FILTERS FOR TURBO INLETS

These compact Classic Filters are designed for use when engine bay space is limited. Overall height of each filter (including neck) is 4-1/4".

Part No.	Inlet I.D.	Cone O.D.	Height	Filter Cap Color
10930	3"	4"	3-5/8"	Black
10931	4"	5"	3-5/8"	Black
10932	5"	5"	3-5/8"	Black



TECH TIP

Our Classic Series Air Filters feature an inverted cone end cap that permits more efficient airflow.

“OPEN FUNNEL” PERFORMANCE AIR FILTERS

Vibrant Performance “Open Funnel” Air Filters feature an inverted cap design which increases the filter surface area for improved air flow and filtration of airborne particulate. These filters are covered by a 50,000 mile Limited Warranty.

Please note: These filters are not intended for turbo use.

Part No.	Inlet I.D.	Cone O.D.	Height	Filter Cap Color
1921C	2 1/2"	5"	5"	Chrome
1923C	2 3/4"	5"	5"	Chrome
2160C	3"	5"	5"	Chrome
2161C	4 1/2"	5"	5"	Chrome

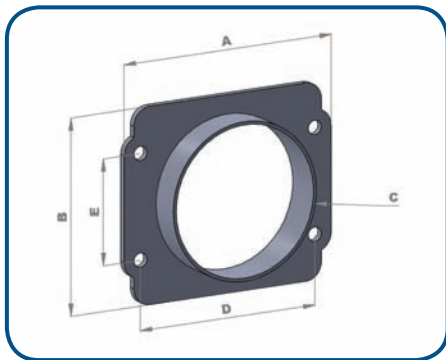


CRANKCASE BREATHER FILTERS (CLAMP ON)



Part No.	Inlet I.D.	Cone O.D.	Height
2165	3/8" (9mm)	2 1/8" (55mm)	2 5/8" (68mm)
2167	1/2" (12mm)	2 1/8" (55mm)	2 5/8" (68mm)
2166	5/8" (15mm)	2 1/8" (55mm)	2 5/8" (68mm)
2164	3/4" (19mm)	2 1/8" (55mm)	2 5/8" (68mm)
2168	1" (25mm)	2 1/8" (55mm)	2 5/8" (68mm)

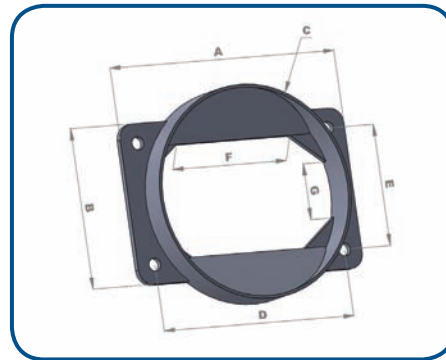
MASS AIR FLOW SENSOR ADAPTERS



Part No. 1994
Application: M.A.F. Adapter for Subaru vehicles

*** Accepts Vibrant Air Filter**
part no. 10923, 10930 or 2160C

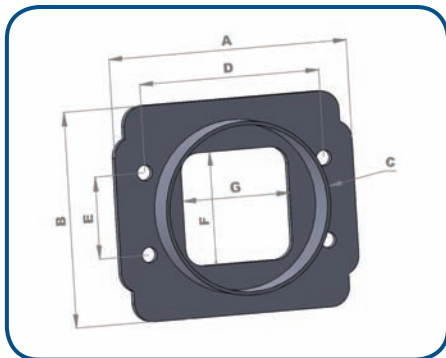
Dimensions:
 A = 4.33" / 110.2mm
 B = 3.73" / 94.7mm
 C = 3" / 76.2mm
 D = 3.65" / 92.8mm
 E = 2" / 51.0mm



Part No. 1995
Application: M.A.F. Adapter for Mitsubishi vehicles

*** Accepts Vibrant Air Filter**
part no. 10926 or 2161C

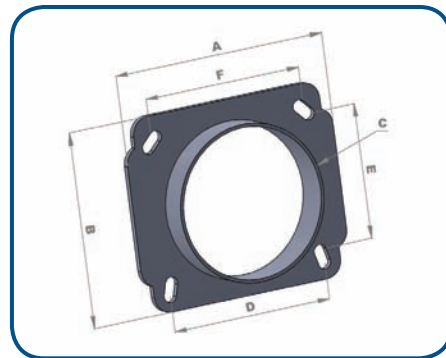
Dimensions:
 A = 5.25" / 133mm E = 2.51" / 63.9mm
 B = 3.32" / 84.5mm F = 2.65" / 67.4mm
 C = 4.5" / 115mm G = 1.20" / 30.6mm
 D = 4.43" / 112.7mm



Part No. 1996
Application: M.A.F. Adapter for Toyota vehicles and vehicles equipped with Bosch M.A.F. sensor.

*** Accepts Vibrant Air Filter**
part no. 10923, 10930 or 2160C

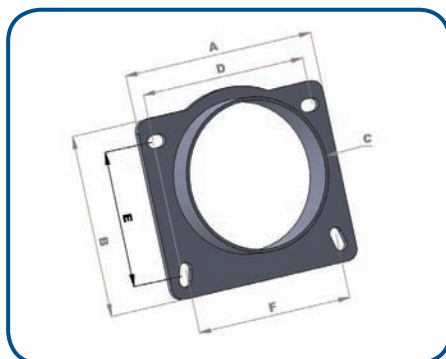
Dimensions:
 A = 4.33" / 110.2mm
 B = 3.73" / 94.7mm
 C = 3" / 76.2mm
 D = 3.27" / 83.1mm
 E = 1.41" / 35.9mm
 F = 1.95" / 49.6mm
 G = 1.96" / 49.8mm



Part No. 1997
Application: M.A.F. Adapter for Nissan vehicles

*** Accepts Vibrant Air Filter**
part no. 10923, 10930 or 2160C

Dimensions:
 A = 4.33" / 110.2mm
 B = 3.73" / 94.7mm
 C = 3" / 76.2mm
 D = 3.41" / 86.7mm
 E = 2.80" / 71.3mm
 F = 3.20" / 81.4mm



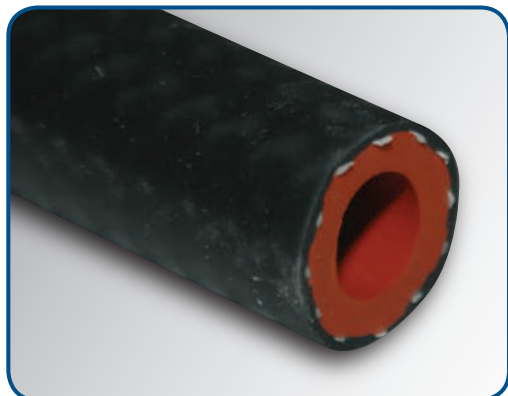
Part No. 1998
Application: M.A.F. Adapter for the following:
 1993-96 Nissan Altima, 1988-95 Nissan 240SX, 1991-94 Nissan Sentra SE-R,
 1993-96 Nissan 200SX, 1993-98 Ford Probe SE, 1994-02 Ford Mustang V6
 1989-94 Suzuki Swift, Audi 2.8L V6 (with AAH and AFC engine codes)

*** Accepts Vibrant Air Filter**
part no. 10923, 10930 or 2160C

Dimensions:
 A = 4" / 101.6mm D = 3.31" / 84.1mm
 B = 3.69" / 93.7mm E = 2.63" / 66.8mm
 C = 3" / 76.2mm F = 3.26" / 82.9mm

SILICONE HEATER HOSE

Vibrant introduces nylon reinforced Silicone Heater Hose that is very flexible and designed to withstand elevated temperatures (Temperature Range: -65°F to +300°F). Suitable for oil and coolant fluid service. Exceeds SAE J20R3 requirements. Available only in Gloss Black. Sold in 20 foot lengths and also available in convenient 2 foot and 5 foot lengths.



Hose Diameter (I.D.)	2 foot length Part No.	5 foot length Part No.	20 foot length Part No.	Color
1/4" (6mm)	20402	20405	2040	Gloss Black
5/16" (8mm)	20412	20415	2041	Gloss Black
3/8" (10mm)	20422	20425	2042	Gloss Black
1/2" (13mm)	20432	20435	2043	Gloss Black
5/8" (16mm)	20442	20445	2044	Gloss Black
3/4" (19mm)	20452	20455	2045	Gloss Black
7/8" (22mm)	20462	20465	2046	Gloss Black
1" (25mm)	20472	20475	2047	Gloss Black
1-1/4" (32mm)	20482	20485	2048	Gloss Black

SILICONE VACUUM HOSE

Vibrant Performance Silicone Vacuum Hose is designed to handle the extreme conditions found in high performance engines.

- Will not collapse under high vacuum operation
- Resists peeling, cracking and swelling, unlike inferior quality silicone vacuum hoses
- Meets SAE J20R3 specifications
- Available in convenient Pit Packs and Bulk Packs
- Offered in sizes ranging from 1/8" I.D. to 3/4" I.D.

PIT PACKS

Vibrant Silicone Vacuum Hose Pit Packs include:

- 5 feet of 1/8" (3.2mm) hose
- 10 feet of 5/32" (3.75mm) hose
- 4 feet of 3/16" (4.5mm) hose
- 4 feet of 1/4" (6mm) hose
- 2 feet of 3/8" (10mm) hose

Part No.	Color
2104	Black
2104B	Blue
2104R	Red



2104B



2104R



2104



BULK PACKS

Hose Diameter (I.D.)	Quantity	Black Part No.	Blue Part No.	Red Part No.
1/8" (3.2mm)	50 feet	2100	2100B	2100R
5/32" (3.75mm)	50 feet	2101	2101B	2101R
3/16" (4.5mm)	25 feet	2102	2102B	2102R
1/4" (6mm)	25 feet	2103	2103B	2103R
5/16" (8mm)	10 feet	2106	2106B	2106R
3/8" (10mm)	10 feet	2107	2107B	2107R
3/4" (19mm)	10 feet	2108	2108B	2108R

** Please Note: Other Colors are available by special order. Minimum order quantity for special orders is 500 feet per size. Contact us for more information.

ALUMINUM VACUUM MANIFOLD

Vibrant's popular Aluminum Vacuum Manifold allows for consistent vacuum from a single source to be distributed through up to 6 ports to support all your vacuum accessories. We include all necessary mounting hardware for simplified installation. All ports come with plugs pre-installed.

We recommend using Vibrant Pneumatic Fittings with this Vacuum Manifold (located on page 25)

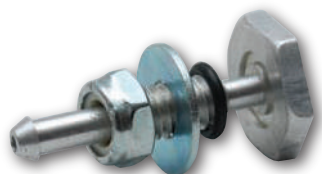
Dimensions:
5 1/2" long x 1 1/2" wide 1" tall

Ports:
6 ports threaded for 1/8" NPT fittings
Center port threaded for 3/8" NPT fittings



Part No.	Description
2690	Vacuum Manifold - Anodized Silver
2691	Vacuum Manifold - Anodized Black

ALUMINUM VACUUM LINE FITTINGS - SOFT MOUNT



Part No. 12890

Vibrant Performance Soft Mount Vacuum Line fittings are designed to be inserted into any multi-ply silicone connector and are guaranteed not to leak. Simply punch an 8mm hole into the silicone connector and install the fitting kit (as shown below).

Each kit includes a CNC machined aluminum fitting, lock nut, washer and O-Ring seal.

For use with Vibrant Performance 5/32" I.D. vacuum hoses (Silicone vacuum lines are located on page 23, polyethylene vacuum lines are on page 25).



ALUMINUM VACUUM LINE FITTINGS - HARD MOUNT

Vibrant Performance makes it easy to add vacuum line fittings to your tubing. Simply select the proper fitting for your application, drill an appropriately sized hole into the tube and then pop in the grommet and fitting. Requires no welding. Use with Vibrant Performance Vacuum Hose (Silicone vacuum lines are located on page 23, polyethylene vacuum lines are on page 25).

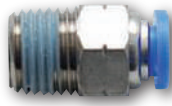


Part No.	Description
2895	10mm O.D. Fitting with rubber grommet
2896	16mm O.D. Fitting with rubber grommet
2897	19mm O.D. Fitting with rubber grommet



PNEUMATIC (ONE - TOUCH) VACUUM FITTINGS

Vibrant Performance "One Touch" fittings allow for simple and secure tubing connections. Fittings are suitable for both ambient and pressurized air up to 150 PSI. Virtually impossible to pull apart, tubing can be quickly disconnected from the fitting by simply pushing down on the blue release collar. Eliminates the need for hose clamps or zip ties to secure lines. All threads are Teflon coated.



MALE STRAIGHT FITTINGS

Part No.	O.D. Tube Size	Thread
2660	5/32" (4mm)	1/8" NPT
2662	1/4" (6mm)	1/8" NPT
2664	1/4" (6mm)	1/4" NPT
2661	3/8" (9.5mm)	1/8" NPT
2663	3/8" (9.5mm)	1/4" NPT



UNION STRAIGHT FITTINGS

Part No.	O.D. Tube Size
2670	5/32" (4mm)
2672	1/4" (6mm)
2671	3/8" (9.5mm)



UNION "T" FITTINGS

Part No.	O.D. Tube Size
2675	5/32" (4mm)
2677	1/4" (6mm)
2676	3/8" (9.5mm)



MALE ELBOW FITTINGS

Part No.	O.D. Tube Size	Thread
2665	5/32" (4mm)	1/8" NPT
2667	1/4" (6mm)	1/8" NPT
2669	1/4" (6mm)	1/4" NPT
2655	1/4" (6mm)	3/8" NPT
2653	1/4" (6mm)	1/2" NPT
2666	3/8" (9.5mm)	1/8" NPT
2668	3/8" (9.5mm)	1/4" NPT



UNION "Y" FITTINGS

Part No.	O.D. Tube Size
2680	5/32" (4mm)
2682	1/4" (6mm)
2681	3/8" (9.5mm)



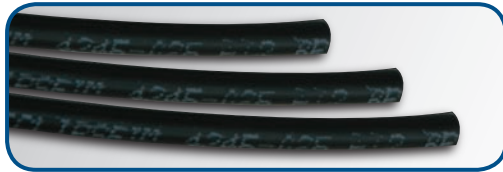
FIREWALL FITTING

Part No.	O.D. Tube Size
16204	1/4" (6mm)

Nickel Plated Brass Construction

POLYETHYLENE TUBING

Polyethylene Tubing is suitable for air lines and instrumentation. Withstands up to 100 PSI and temperatures up to 140 deg. F.



Part No.	O.D. Tube Size	Quantity	Color
2650	5/32" (4mm)	10 ft.	Black
2652	1/4" (6mm)	10 ft.	Black
2651	3/8" (9.5mm)	10 ft.	Black

HIGH TEMP VACUUM LINE KITS

High temperature Vacuum Line Kits are ideal for use on forced induction and naturally aspirated applications

- All-metal Nickel-plated Pneumatic Brass Fittings
- PTFE hose designed to withstand extreme temperatures
- PTFE specs: -292°F to 500°F @ 100psi, withstands cryogenic to 700°F+

Part No.	Description
17400	All Purpose Vacuum Line Kit (includes 10ft of 1/4" O.D. Polyurethane Hose, 10ft of 1/4" O.D. High Temp PTFE Hose and Pneumatic Fittings)
17402	High Temperature Vacuum Line Kit (includes 10ft of 1/4" O.D. White High Temp PTFE Hose and High Temp Pneumatic Fittings)
17431W	5 foot length of 1/4" O.D. High Temp PTFE Hose - White
17430W	10 foot length of 1/4" O.D. High Temp PTFE Hose - White



Part No. 17400

MANUAL BOOST CONTROLLER

Turning Up The Boost with a Manual Boost Controller has proven to be one of the easiest and most cost effective ways to squeeze more horsepower and torque from your turbocharged vehicle.

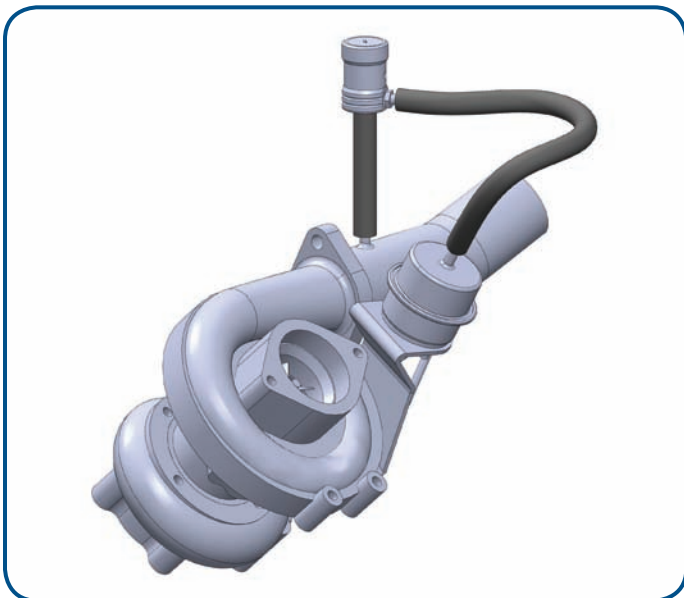
Vibrant Performance has developed a manual boost controller that is lightweight, very compact and features a unique integrated dial that allows you to precisely set boost. It also virtually eliminates the risk of "overboosting" which can occur with many other manual boost controllers.

For 2012, we have implemented a small design improvement to the internals of our MBC that allows for greater accuracy and improved range of adjustability.

These boost controllers are CNC machined from T6061 billet aluminum and premium grade brass. We include an adjustment key (which you can carry around on your keychain) for turning the dial. We also include 18 inches of silicone vacuum hose, zip ties and installation instructions.



Part No.	Description
16900	Manual Boost Controller (Black Anodized)



Installation Diagram

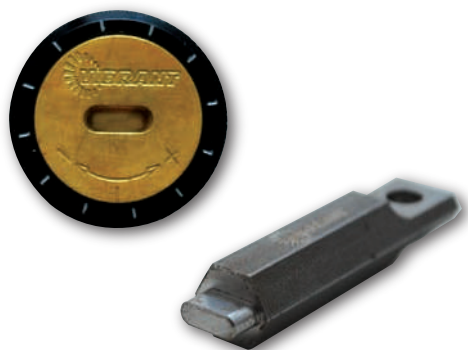
TECH TIP

Upgrade boost accuracy and prevent possible leaks with our pneumatic one-touch vacuum fittings (Please refer to page 25).

Try to keep your boost reference line reasonably short if using the supplied silicone hose to connect between reference points.

High heat and high boost environments can cause line expansion and false feedback, especially if reference lines are too long.

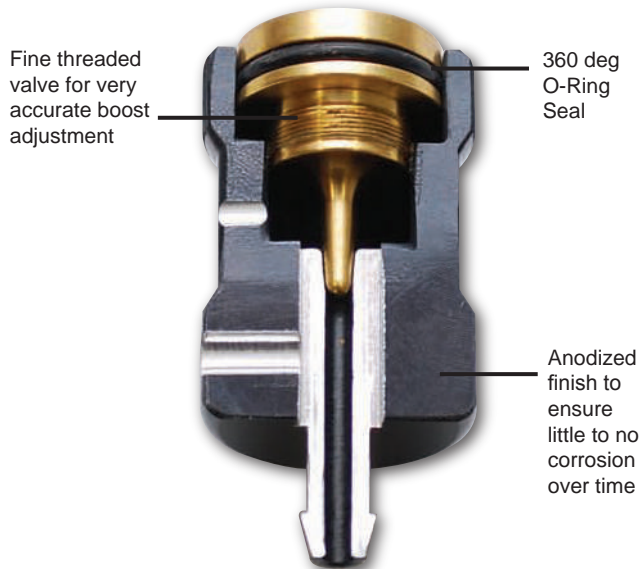
Keep supplied silicone hose away from turbine and downpipe. If it is impossible to locate these lines a safe distance from high heat sources, be sure to protect those hoses with Vibrant's new "Heat Protect" Flexible Sleeving (Please refer to page 46).



Our Manual Boost Controller includes a unique keyway for secure, end user only adjustment.

This feature eliminates a common issue that exists with most MBC's that utilize those bulky knobs that allow anyone to adjust your setting without your knowledge.

CUT-AWAY VIEW

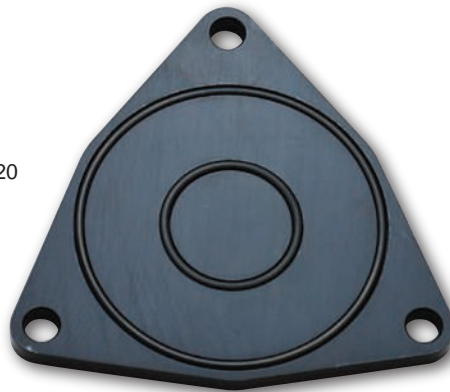


ALUMINUM BLOCK OFF PLATE FOR TD04 OEM TURBO

This T6061 Aluminum CNC Machined Block Off Plate will fit the following applications:

- Mitsubishi MHI TD04HL1-12T /14T
- Buick Regal 2.0t
- Dodge Caliber - all years
- Dodge Neon SRT-4 - all years
- Chrysler PT Cruiser Turbo
- Hyundai Genesis 2.0T
- Renault Megane 225/230
- Renault Megane RS 250
- Volvo 850 T5
- Volvo S40/V40 Turbo 1997-2004
- Volvo S70/V70 Turbo

Part # 16120



WELD-ON FLANGE ASSEMBLIES FOR BLOW OFF VALVES

Vibrant Performance makes it easy to weld Blow Off Valve Mating Flanges to your induction plumbing.

Each Blow Off Valve Flange Kit comes complete with a radiused weld-on fitting (for easy welding to your tubing) that is also threaded so that you can simply screw on the mating flange. The Weld Fittings are available in your choice of T6061 Aluminum or Mild Steel construction. The flanges are made from T6061 Billet Aluminum. Each kit also includes an O-Ring for a leak free seal.

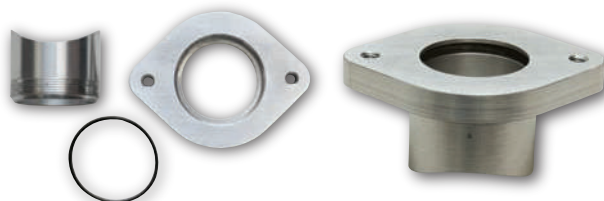


WELD ON FLANGE KIT FOR HKS BOV

- Part No. 1451 (Aluminum Weld Fitting / Aluminum Flange)
- Part No. 1452 (Mild Steel Weld Fitting / Aluminum Flange)
- Part No. 10127H (Aluminum Thread-On Replacement Flange)
- Part No. 10127O (Replacement O-Ring)

WELD ON FLANGE KIT FOR GREDDY BOV

- Part No. 1453 (Aluminum Weld Fitting / Aluminum Flange)
- Part No. 1454 (Mild Steel Weld Fitting / Aluminum Flange)
- Part No. 10127G (Aluminum Thread-On Replacement Flange)
- Part No. 10127O (Replacement O-Ring)



WELD ON FLANGE KIT FOR SYNAPSE SYNCHRONIC BOV/DV

- Part No. 1468 (Aluminum Weld Fitting / Aluminum Flange)
- Part No. 1469 (Mild Steel Weld Fitting / Aluminum Flange)
- Part No. 10135 (Aluminum Thread-On Replacement Flange)
- Part No. 10127O (Replacement O-Ring)

WELD ON FLANGE KIT FOR TIAL STYLE BOV

- Part No. 1477 (Aluminum Weld Fitting / Aluminum Flange)
- Part No. 1478 (Mild Steel Weld Fitting / Aluminum Flange)
- Part No. 10134 (Aluminum Thread-On Replacement Flange)
- Part No. 10127O (Replacement O-Ring)



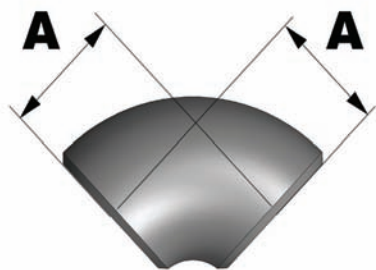
T304 STAINLESS STEEL SCHEDULE 10 PIPES

Vibrant Performance T304 Stainless Steel Schedule 10 Pipes are ideal for use in the construction of turbo exhaust manifolds and downpipe fabrication. The chamfered ends allow for easy butt welding. Available in your choice of: long and tight radius 90 degree elbows, 45 degree long radius elbows, T-pipes and 12" long straight sections.

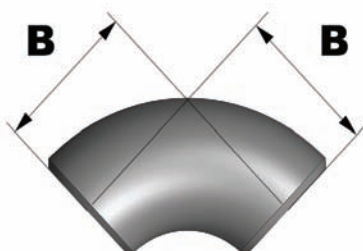
Please Note:

Pipes are normally identified by a Nominal Pipe Size (NPS) rather than Outside Diameter. Please refer to the "Actual I.D." and "Actual O.D." columns on the application list below to ensure you choose the correct pipes for your project.

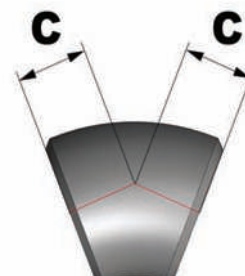
Nominal Pipe Size	Actual O.D.	Actual I.D.	Long Radius 45° Part No.	Tight Radius 90° Part No.	Long Radius 90° Part No.	T-Pipes Part No.	12" Straight Pipe Part No.
1 1/4"	42mm (1.65")	37mm (1.45")	2330	2340	2360	2370	2350
1 1/2"	48mm (1.89")	42mm (1.65")	2331	2341	2361	2371	2351
2 1/2"	76mm (3")	70mm (2.75")	2335	2345	N/A	N/A	N/A
3"	89mm (3.5")	83mm (3.25")	2336	2346	N/A	N/A	N/A



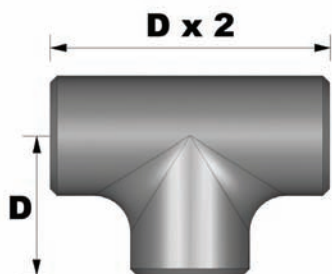
90° Tight radius elbow



90° Long radius elbow



45° Elbow



T-Pipe



Straight Pipe

Dimensional chart

Nominal Pipe Size	A	B	C	D	E
1 1/4"	1.25"	1.88"	1"	1.88"	12"
1 1/2"	1.5"	2.25"	1.13"	2.25"	12"
2 1/2"	2.5"	N/A	1.75"	N/A	N/A
3"	3"	N/A	2"	N/A	N/A

TECH TIP

Vibrant Performance now offers a large selection of Mild Steel Exhaust Manifold Flanges (Refer to page 48) with port dimensions that are optimized for use with Schedule 10 pipes, making it significantly easier to build your own turbo manifold.

TURBO MANIFOLD MERGE COLLECTORS

Usually, the most difficult and time consuming part of fabricating a turbo manifold is building the merge collector. Vibrant Performance makes manifold fabrication easier and more cost effective with our wide assortment of Turbo Manifold Merge Collectors.

Every Vibrant Performance Merge Collector is made from T304 Stainless Steel Schedule 10 pipes for superior strength and durability. Each pipe is precision cut so, when fully assembled, they come together to create a proper merge for maximizing exhaust gas flow efficiency and minimizing turbulence.

We ship these collectors tack welded only so fabricators can easily make necessary adjustments.



4 CYLINDER COLLECTOR - SHORT



For T25, T28 Turbo Inlet Flange
 Part No. – 2450
 Pipe O.D. – 42mm (1 5/8")
 Height – 76mm (3")
 Outlet – 58mm x 45mm (approx.)

For T3, T3/T4 Turbo Inlet Flange
 Part No. – 2451
 Pipe O.D. – 48mm (1 7/8")
 Height – 76mm (3")
 Outlet – 72mm x 48mm (approx.)

4 CYLINDER COLLECTOR - TALL



For T25, T28 Turbo Inlet Flange
 Part No. – 2455
 Pipe O.D. – 48mm (1 7/8")
 Height – 115mm (4 1/2")
 Outlet – 58mm x 45mm (approx.)

For T3, T3/T4 Turbo Inlet Flange
 Part No. – 2454
 Pipe O.D. – 48mm (1 7/8")
 Height – 115mm (4 1/2")
 Outlet – 72mm x 48mm (approx.)

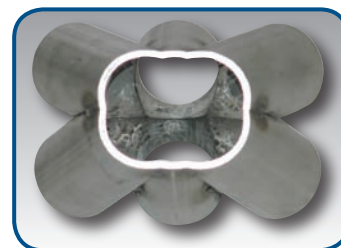
For ALL T4 Turbo Inlet Flanges
 Part No. – 2453
 Pipe O.D. – 48mm (1 7/8")
 Height – 120mm (4 3/4")
 Outlet – 78mm x 64mm (approx.)

For GT28/30/35 Tial Turbine Inlet
 Part No. – 2457
 Pipe O.D. – 48mm (1 7/8")
 Height – 115mm (4 1/2")
 Outlet – 54mm (approx.)

6 CYLINDER COLLECTOR



For all T4 Turbo Inlet Flanges
 Part No. – 2456
 Pipe O.D. – 48mm (1 7/8")
 Height – 110mm (4 1/4")
 Outlet – 74mm x 58mm (approx.)



Outlet View

Each pipe is precision cut and assembled to produce a proper merge for maximum exhaust gas flow efficiency.

TURBO FLANGES

Vibrant Performance offers one of the largest assortments of Turbo Flanges for your custom fabrication projects. Each flange is precision Laser Cut and CNC Machined to ensure a perfect fit to your turbo components.

Multi-layer metal gaskets are available for some of our turbo flanges.

TURBO INLET FLANGES

Note: All dimensions listed in millimeters



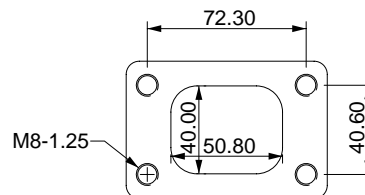
T25 / T28 / GT25 Inlet Flange

- Also fits T2, GT28, GT25/40R
- 1/2" thick to prevent warping
- Tapped holes

Part No. 1430 (T304 S.S.)

Part No. 14300 (Mild Steel)

Matching gasket: Part No. 1430G



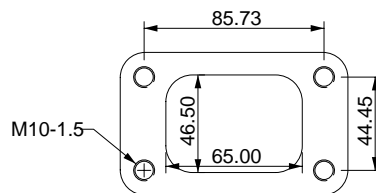
T3 Inlet Flange

- Also fits T3/T4, and KKK K26/K27/K28 Turbos
- 1/2" thick to prevent warping
- Tapped holes

Part No. 1431 (T304 S.S.)

Part No. 14310 (Mild Steel)

Matching gasket: Part No. 1431G



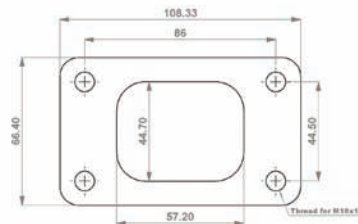
GT30R/GT35R/GT40R Series Inlet Flange

- Designed to fit all Garrett T3 housings
- 1/2" thick to prevent warping
- Tapped holes

Part No. 1400 (T304 S.S.)

Part No. 14000 (Mild Steel)

Matching gasket: Part No. 1400G



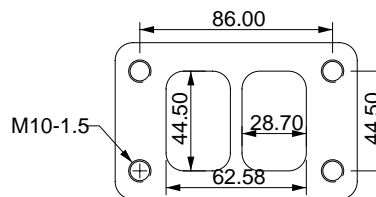
T03 Inlet Flange - Divided

- 1/2" thick to prevent warping
- Tapped holes

Part No. 1445 (T304 S.S.)

Part No. 14450 (Mild Steel)

Matching gasket: Part No. 1445G



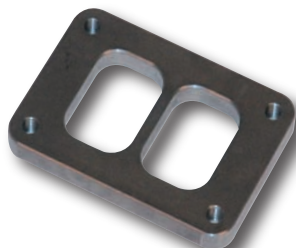
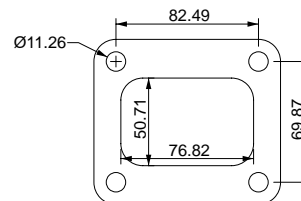
T04 Inlet Flange - Rectangular

- 1/2" thick to prevent warping
- Drilled holes

Part No. 1441 (T304 S.S.)

Part No. 14410 (Mild Steel)

Matching gasket: Part No. 1441G



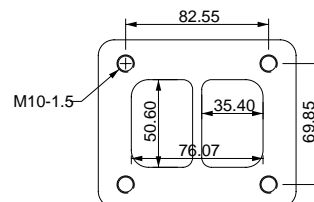
T04 Inlet Flange - Divided

- 1/2" thick to prevent warping
- Tapped holes

Part No. 1442 (Stainless Steel)

Part No. 14420 (Mild Steel)

Matching gasket: Part No. 1442G



TURBO INLET FLANGES (CONTINUED)

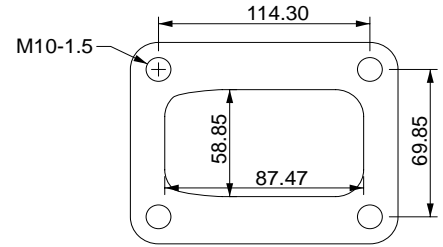


T06 Inlet Flange

- 1/2" thick to prevent warping
- Tapped holes

Part No. 1417 (Stainless Steel)
Part No. 14170 (Mild Steel)

Matching gasket: Part No. 1417G

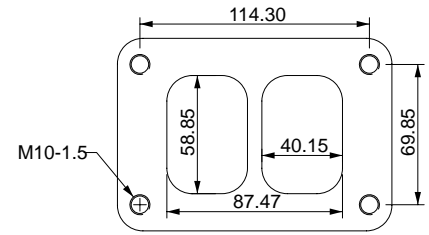


T06 Inlet Flange – Divided

- 1/2" thick to prevent warping
- Tapped holes

Part No. 1443 (Stainless Steel)
Part No. 14430 (Mild Steel)

Matching gasket: Part No. 1443G

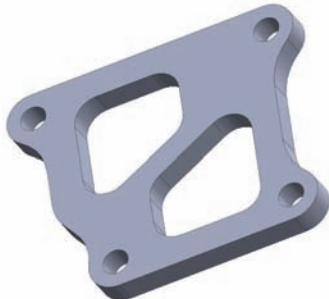
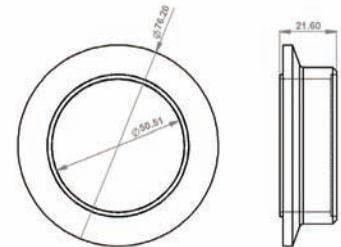


Inlet Flange for Tial GT28/GT30/GT35 Turbine Housing

- V-Band Style Flange

Part No. 1416 (Stainless Steel)

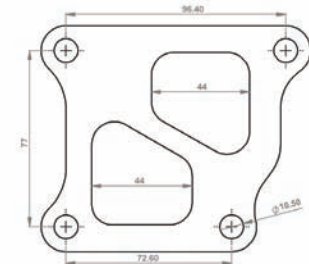
Matching V-Band clamp: Part No. 1416C



Mitsubishi EVO 7,8,9 and X Inlet Flange

- 1/2" thick to prevent warping
- Drilled holes

Part No. 14020 (Mild Steel)



EXTERNAL WASTEGATE FLANGES

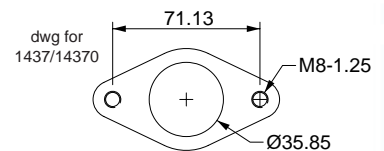
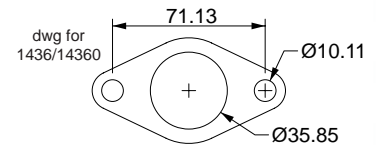


Tial, Deltagate, Evolution and Turbosmart 35-38mm External Wastegate Flange

- 3/8" thick to prevent warping due to high heat.
- Available with your choice of Tapped Holes for Wastegate Inlet use and Drilled holes for Dump Tube applications.

Untapped (Drilled) Holes	Tapped Holes
Part No. 1436 (T304 S.S.)	Part No. 1437 (T304 S.S.)
Part No. 14360 (Mild Steel)	Part No. 14370 (Mild Steel)

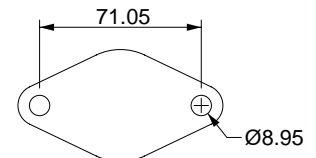
Matching gasket: Part No. 1436G



35-38mm External Wastegate Block Off Flange

Part No. 14290 (Mild Steel)

Matching gasket: Part No. 1436G



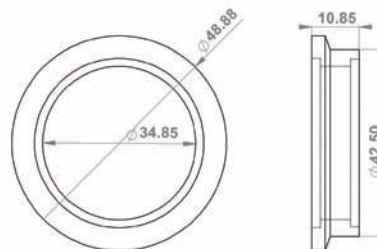
EXTERNAL WASTEGATE FLANGES (CONTINUED)



Tial MV-S Wastegate Outlet Flange

- Also fits Turbosmart Ultragate 40
- V-Band Style
- Used on exhaust exit of wastegate

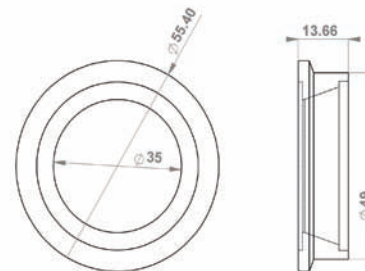
Part No. 1426 (T304 S.S.)



Tial MV-S Wastegate Inlet Flange

- Also fits Turbosmart Ultragate 40
- V-Band Style.

Part No. 1424 (T304 S.S.)

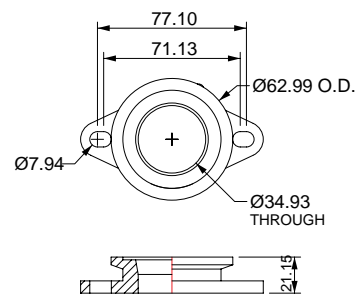


38mm to 44mm Wastegate Adapter Flange

- This adapter flange allows for easy upgrading from a Tial Deltagate/Evolution/Turbosmart 35 - 38mm WG to a Tial 44mm WG without cutting off the 2-bolt flange.
- Compatible with V-Band Clamp supplied by Tial for 44mm WG

Part No. 1427 (T304 S.S.)

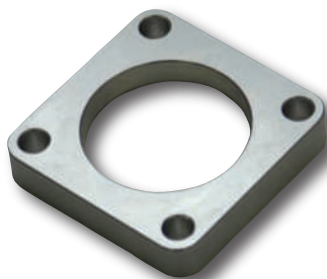
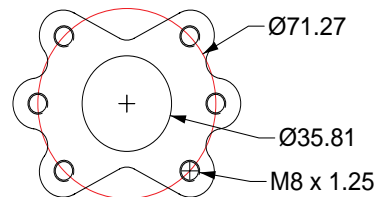
Matching gasket: Part No. 1436G



35-38mm Wastegate Rotation Flange

- This flange allows for a traditional 2-bolt 35-38mm Wastegate to be rotated 45 degrees in two directions to help solve potential clearance issues.
- All 6 holes are tapped.

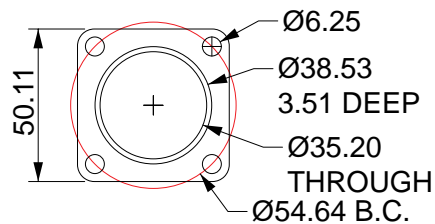
Part No. 1428 (T304 S.S.)



Tial 41mm Wastegate Outlet Flange

- This flange can also be used with Tial 40mm Wastegates

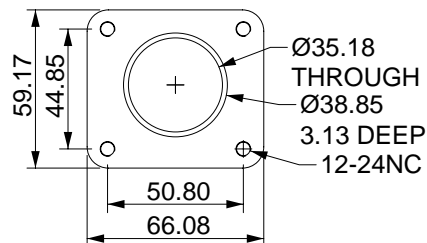
Part No. 1412 (T304 S.S.)



Tial 41mm Wastegate Inlet Flange

- Tapped Holes

Part No. 1413 (T304 S.S.)



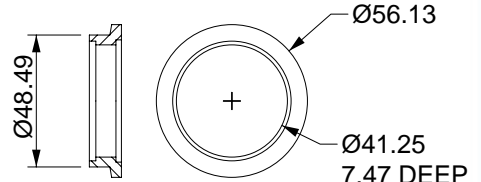
EXTERNAL WASTEGATE FLANGES (CONTINUED)



Tial V44 and MV-R Wastegate Outlet Flange

- V-Band Style
- Used on exhaust exit of wastegate

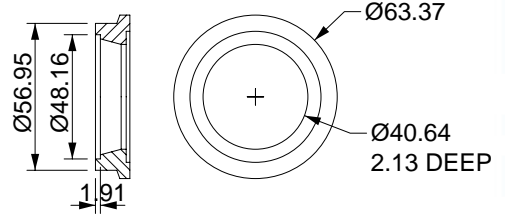
Part No. 1410A (T304 S.S.)
 * Please note the new part number



Tial V44 and MV-R Wastegate Inlet Flange

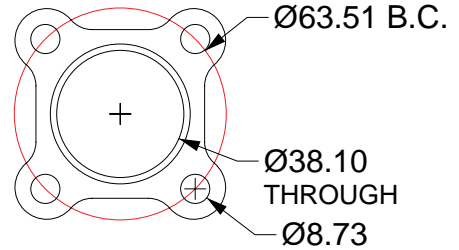
- V-Band Style

Part No. 1411A (T304 S.S.)
 * Please note the new part number



Tial 46mm Wastegate Inlet Flange

Part No. 1409 (T304 S.S.)



Wastegate Flange Kit for 40mm Synapse Synchronic Wastegate

- Includes both inlet and outlet flanges, 4 S.S. studs and 4 nuts

Part No. 17001 (T304 S.S.)



Wastegate Flange Kit for 50mm Synapse Synchronic Wastegate

- Includes both inlet and outlet V-Band Style flanges and matching clamps

Part No. 17002 (T304 S.S.)

Replacement Clamp Set (Both inlet and outlet): Part No. 17003

STAINLESS STEEL FLEXIBLE INTERLOCK HOSE (FOR DUMP TUBE USE)

Stainless Steel Interlock Hose provides extra flexibility when fabricating a Wastegate Dump Tube in tight areas.

Part No.	Description
84027	1-1/2" I.D. (38mm) x 20" long S.S. Interlock Hose



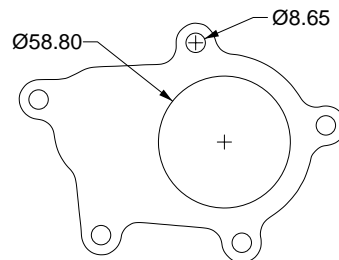
TURBO DISCHARGE (DOWNPIPE) FLANGES



T3 Discharge Flange, 5 Bolt
(for External Wastegate)

- 1/2" thick to prevent warping

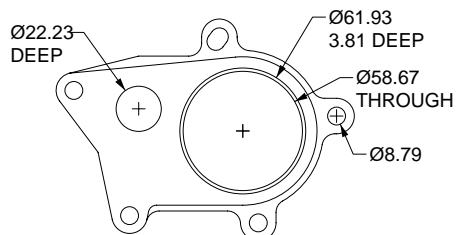
Part No. 1433 (T304 S.S.)
Part No. 14330 (Mild Steel)



Generation 2 T3 Discharge Flange,
5 Bolt with Divorced Ports Option

- 1/2" thick
- A 7/8" I.D. hole is partially machined out (3/8" deep) to allow for optional divorced ports.
- This flange is designed to work with our unique transition adapter flange (Part #1447) to simplify fabrication of custom 3" O.D. Downpipes.

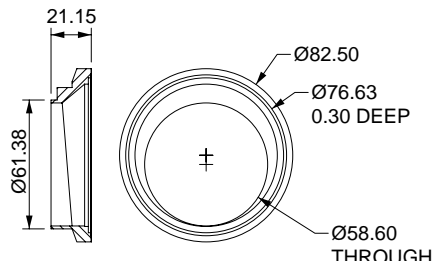
Part No. 1446 (T304 S.S.)
Part No. 14460 (Mild Steel)



Transition Adapter Flange for
Generation 2 T3 Discharge Flange

- This flange makes it easy to fabricate custom 3" Downpipes for T3 Turbos with 5-bolt discharge.
- Flange outlet allows for easy welding of either 3" O.D. Tubing or a 3" O.D. Schedule 10 Elbow (Nominal 2.5").
- Flange inlet features unique offset which allows the flange to be rotated for optimum clearance of potential engine bay obstructions.

Part No. 1447 (T304 S.S.)
Part No. 14470 (Mild Steel)



1446 and 1447 together

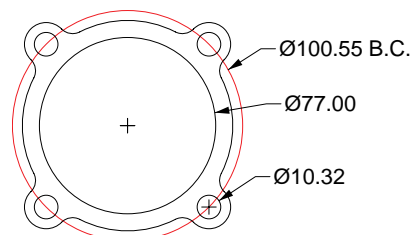


GT series / T3 Discharge Flange, 4 Bolt
(3" Inlet I.D.)

- Use with new generation GT housings with 3" ID outlet
- 1/2" thick

Part No. 1438 (T304 S.S.)
Part No. 14380 (Mild Steel)

Matching gasket: Part No. 1438G

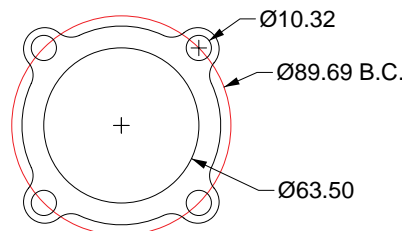


GT series / T3 Discharge Flange, 4 Bolt
(2.5" Inlet I.D.)

- Use with smaller T3 and GT housings with 2.5" ID outlet
- 1/2" thick

Part No. 1439 (T304 S.S.)
Part No. 14390 (Mild Steel)

Matching gasket: Part No. 1439G

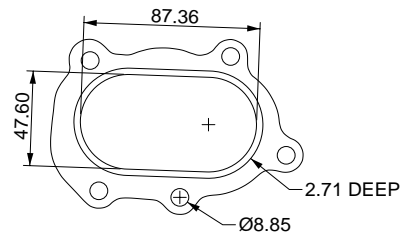




GT25R / GT28R Discharge Flange, 5 Bolt

- 1/2" thick
- Features machined lip for welding Oval tubing or using our Oval to Round transition adapter (Part #1448A).

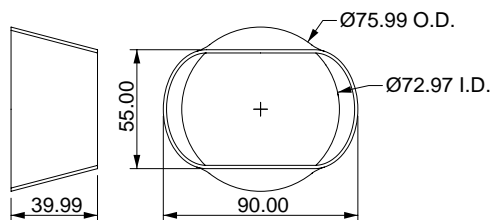
Part No. 1448 (T304 S.S.)
Part No. 14480 (Mild Steel)



Oval to Round Transition Adapter for GT25 / GT28 Discharge Flange

- Quickly Transitions from 90mm x 55mm Oval to 76mm (3") Round
- Perfect for use with Vibrant Part #1448 and Part #14480.
- Available only in Stainless Steel.

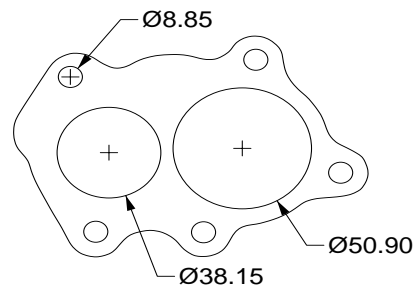
Part No. 1448A (T304 S.S.)



GT25R / GT28R Discharge Flange 5 Bolt, Divorced Ports

- 1/2" thick
- 2" I.D. and 1.5" I.D. ports.

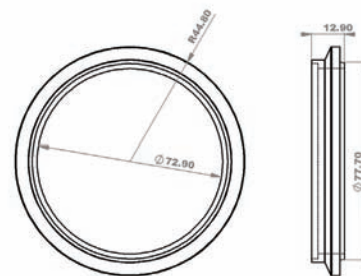
Part No. 1449 (T304 S.S.)
Part No. 14490 (Mild Steel)



Discharge Flange for Tial GT28, GT30 and GT35 Turbine housings

- V-Band style
- Matching clamp also available

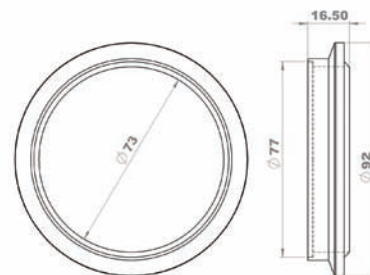
Part No. 1415 (T304 S.S.)
Matching clamp: Part No. 1415C



Borg Warner EFR Discharge Flange

- Fits all T25, T3 and T4 based turbine housings
- V-Band style
- Matching clamp also available

Part No. 14901 (T304 S.S.)
Matching clamp: Part No. 14901C



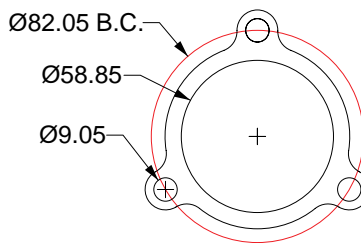
TURBO DISCHARGE FLANGES (CONTINUED)



T3 Discharge Flange, 3 Bolt (for Internal Wastegate)

- 1/2" thick

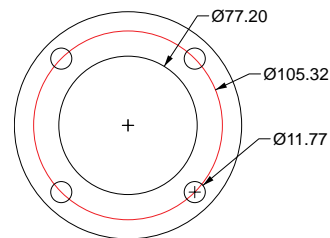
Part No. 1434 (T304 S.S.)
Part No. 14340 (Mild Steel)



T04 Oncenter Discharge Flange, 4 Bolt

- 1/2" thick

Part No. 1435 (T304 S.S.)
Part No. 14350 (Mild Steel)

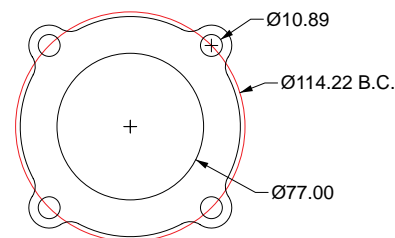


VW 1.8T Discharge Flange

- Bolts to K03/K04 OE Turbo on FWD VW Golf / Jetta / Beetle 1.8T
- 1/2" Thick

Part No. 1444 (T304 S.S.)
Part No. 14440 (Mild Steel)

Matching gasket: Part No. 1444G

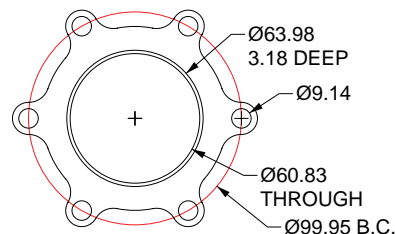


GT32 Discharge Flange, 6 Bolt

- 1/2" thick
- Suitable for use on internally and externally wastegated versions of GT32 Turbo.

Part No. 1420 (T304 S.S.)
Part No. 14200 (Mild Steel)

Matching gasket: Part No. 1420G



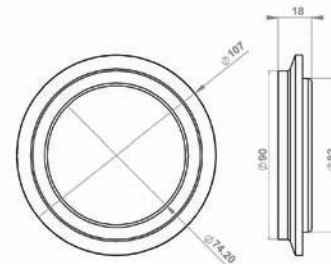
COMPRESSOR OUTLET FLANGE



GT42 Compressor Outlet Flange

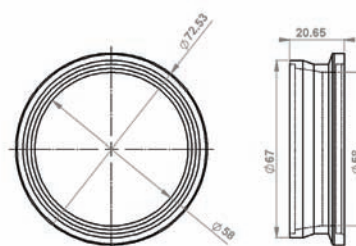
Part No. 14942 (Aluminum)
Part No. 14943 (Stainless Steel)

Matching Clamp: Part No. 14942C



Borg Warner EFR Compressor Outlet Flange

Part No. 14900 (Aluminum)
Part No. 14902 (Stainless Steel)



OIL RESTRICTOR FITTING KIT

Vibrant Performance Oil Restrictor Fitting Kits allow you to effectively limit oil flow to your turbo, minimizing the potential for damaging the oil seals in your turbo.



Our Oil Restrictor Fittings are unique as they include 3 threaded brass jets of differing sizes to allow you to control the oil flow. An allen key and Loctite are also included.

Part No.	Application
10287	-4 AN x 7/16-24 Oil Restrictor Fitting Kit for Garrett BB Turbos
10288	-3 AN x 1/8" NPT Oil Restrictor Fitting Kit
10289	-4 AN x 1/8" NPT Oil Restrictor Fitting Kit

ALUMINUM WATER JACKET ADAPTER FITTING

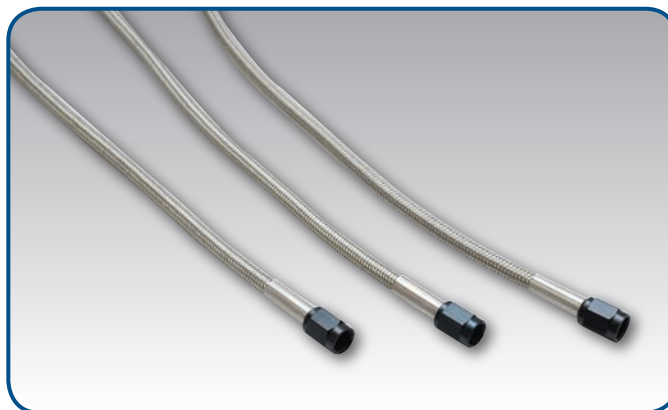


Part No.	Application	Size
10229	For use on Garrett GT28, GT30 and GT35	-6 AN x M14 x 1.5
10298	For use on Garrett GT40, GT42 and GT45	-6 AN x M18 x 1.5

UNIVERSAL OIL FEED KITS

All Vibrant Performance Oil Feed Kits include a Teflon lined Stainless Steel flexible hose and high quality AN fittings.

Part No.	Description
10270	Universal Oil Feed Kit. 2 ft. hose w/ -3 AN Female Fittings
10271	Universal Oil Feed Kit. 3 ft. hose w/ -3 AN Female Fittings
10272	Universal Oil Feed Kit. 4 ft. hose w/ -3 AN Female Fittings
10275	Universal Oil Feed Kit. 2 ft. hose w/ -4 AN Female Fittings
10276	Universal Oil Feed Kit. 3 ft. hose w/ -4 AN Female Fittings
10277	Universal Oil Feed Kit. 4 ft. hose w/ -4 AN Female Fittings



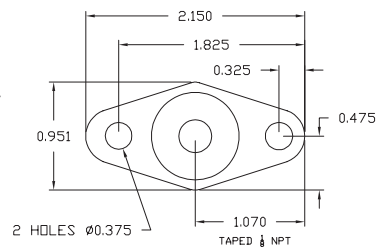
ALUMINUM OIL FEED FLANGES



Oil Feed Flange (T3, T3/T4 and T04)

- Tapped - 1/8" NPT
- Includes M8 x 1.25 bolts

Part No. 2899



Dimensions in inches

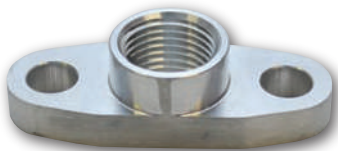
UNIVERSAL OIL DRAIN / RETURN KITS

Vibrant Performance Oil Drain Kits include a Stainless Steel Flexible Hose, high quality aluminum fittings, Oil Pan Bungs (both Steel and Aluminum bungs are included in each kit) and an Aluminum Oil Drain Flange. All line and fittings are -10AN.

Part No.	Description
10280	Universal Oil Drain Kit. 12" flex hose, includes Oil Drain Flange for T3/T4 Turbos
10281	Universal Oil Drain Kit. 12" flex hose, includes Oil Drain Flange for GT Series Turbos
10282	Universal Oil Drain Kit for Top Mount setups. 20" flex hose, includes Oil Drain Flange for T3/T4
10283	Universal Oil Drain Kit for Top Mount setups. 20" flex hose, includes Oil Drain Flange for GT Series



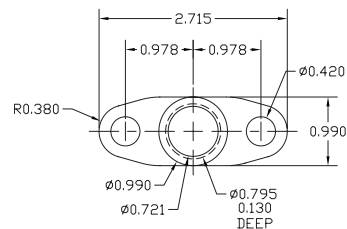
ALUMINUM OIL DRAIN FLANGES



Oil Drain Flange (T3, T3/T4 and T04)

- Tapped - 1/2" NPT
- Includes M8 x 1.25 bolts

Part No. 2898



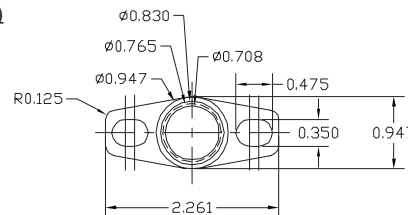
Dimensions in inches



Oil Drain Flange (GT series BB Turbochargers)

- Use with GT25R, GT28R, GT30R and GT35R Ball Bearing Turbo
- Tapped - 1/2" NPT
- Includes M8 x 1.25 bolts

Part No. 2889



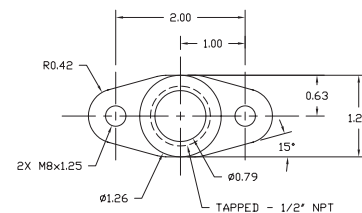
Dimensions in inches



Oil Drain Flange (GT series Turbochargers)

- For use with GT32, GT37, GT40, GT42, GT45R and GT55R
- Tapped - 1/2" NPT
- Includes M8 x 1.25 bolts

Part No. 2853



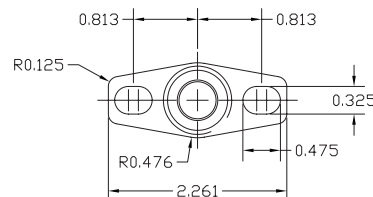
Dimensions in inches



Oil Drain Flange with integrated -10AN Fitting

- Fits GT15-GT35 series BB Turbo
- Includes M8 x 1.25 bolts

Part No. 2893



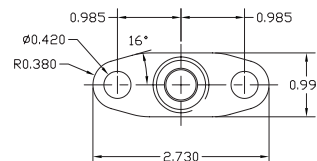
Dimensions in inches



Oil Drain Flange with integrated -10AN Fitting

- Fits T3, T3/T4, T04 and GT40-GT55 turbos
- Includes M8 x 1.25 bolts

Part No. 2849



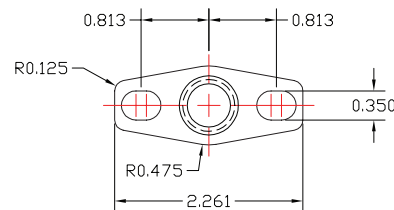
Dimensions in inches



Oil Drain Flange with integrated 5/8" Male Neck

- Fits GT15-GT35 series BB Turbo
- Includes M8 x 1.25 bolts

Part No. 2894



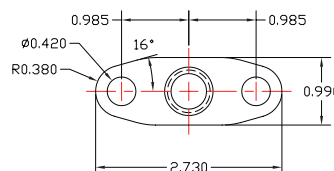
Dimensions in inches



Oil Drain Flange with integrated 5/8" Male Neck

- Fits T3, T3/T4, T04 and GT40-GT55 turbos
- Includes M8 x 1.25 bolts

Part No. 2850



Dimensions in inches

ALUMINUM SWIVEL STYLE HOSE END FITTINGS, REUSABLE

Vibrant Performance Aluminum Swivel Style Hose End Fittings deliver the type of quality, reliability, smooth flow and ease of assembly that motorsport professionals demand. Made from T6061 Aluminum Alloy, these lightweight hose end fittings are suitable for use on a wide variety of applications. Available in Anodized Black finish only. For use with Vibrant Flex Hoses (page 41).

STRAIGHT HOSE END FITTINGS



Part No.	Size
21004	-4 AN
21006	-6 AN
21008	-8 AN
21010	-10 AN
21012	-12 AN
21016	-16 AN

45° HOSE END FITTINGS



Part No.	Size
21404	-4 AN
21406	-6 AN
21408	-8 AN
21410	-10 AN
21412	-12 AN
21416	-16 AN

90° HOSE END FITTINGS



Part No.	Size
21904	-4 AN
21906	-6 AN
21908	-8 AN
21910	-10 AN
21912	-12 AN
21916	-16 AN

120° HOSE END FITTINGS



Part No.	Size
21204	-4 AN
21206	-6 AN
21208	-8 AN
21210	-10 AN
21212	-12 AN
21216	-16 AN

150° HOSE END FITTINGS



Part No.	Size
21504	-4 AN
21506	-6 AN
21508	-8 AN
21510	-10 AN
21512	-12 AN
21516	-16 AN

180° HOSE END FITTINGS



Part No.	Size
21804	-4 AN
21806	-6 AN
21808	-8 AN
21810	-10 AN
21812	-12 AN
21816	-16 AN

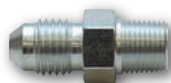
ADAPTER FITTINGS

Vibrant Performance offers a comprehensive selection of Adapter Fittings to help complete almost any project. These adapters are suitable for use with any manufacturers hose end fitting. Available in Anodized Black finish only.

STRAIGHT ADAPTER FITTINGS (AN TO NPT)



Aluminum



Steel

Part No.	Size	Material	Part No.	Size	Material
10291	-3 AN x 1/8" NPT	Aluminum	10225	-8 AN x 1/2" NPT	Aluminum
10293	-4 AN x 1/8" NPT	Aluminum	10223	-10 AN x 3/8" NPT	Aluminum
10216	-4 AN x 1/4" NPT	Aluminum	10294	-10 AN x 1/2" NPT	Aluminum
10217	-6 AN x 1/8" NPT	Aluminum	10226	-10 AN x 3/4" NPT	Aluminum
10220	-6 AN x 1/4" NPT	Aluminum	10227	-12 AN x 1/2" NPT	Aluminum
10222	-6 AN x 3/8" NPT	Aluminum	10224	-12 AN x 3/4" NPT	Aluminum
10218	-6 AN x 1/2" NPT	Aluminum	10228	-16 AN x 1" NPT	Aluminum
10219	-8 AN x 1/4" NPT	Aluminum	10290	-3 AN x 1/8" NPT	Steel
10221	-8 AN x 3/8" NPT	Aluminum	10292	-4 AN x 1/8" NPT	Steel

UNION ADAPTER FITTINGS (AN TO AN)



Aluminum

Part No.	Size	Part No.	Size
10230	-3 AN x -3 AN	10234	-10 AN x -10 AN
10231	-4 AN x -4 AN	10235	-12 AN x -12 AN
10232	-6 AN x -6 AN	10236	-16 AN x -16 AN
10233	-8 AN x -8 AN		

ADAPTER FITTINGS (CONTINUED)

REDUCER ADAPTER FITTINGS (AN TO AN)



Aluminum

Part No.	Size
10430	-3 AN x -4 AN
10431	-4 AN x -6 AN
10432	-6 AN x -8 AN
10433	-6 AN x -10 AN
10434	-8 AN x -10 AN
10435	-8 AN x -12 AN
10436	-10 AN x -12 AN
10437	-12 AN x -16 AN

45° AN TO NPT ELBOW ADAPTER FITTINGS



Aluminum

Part No.	Size
10240	-3 AN x 1/8" NPT
10241	-4 AN x 1/8" NPT
10242	-6 AN x 1/4" NPT
10243	-8 AN x 3/8" NPT
10297	-10 AN x 1/2" NPT
10244	-12 AN x 3/4" NPT

90° AN TO NPT ELBOW ADAPTER FITTINGS



Aluminum

Part No.	Size
10250A	-3 AN x 1/8" NPT
10251A	-4 AN x 1/8" NPT
10256	-4 AN x 1/4" NPT
10257	-6 AN x 1/8" NPT
10252A	-6 AN x 1/4" NPT
10258	-6 AN x 3/8" NPT

Part No.	Size
10253	-8 AN x 3/8" NPT
10268	-8 AN x 1/2" NPT
10259	-10 AN x 3/8" NPT
10254	-10 AN x 1/2" NPT
10269	-12 AN x 1/2" NPT
10255	-12 AN x 3/4" NPT

FLARE TEE ADAPTER FITTINGS



Aluminum

Part No.	Size
10480	-3 AN
10481	-4 AN
10482	-6 AN
10483	-8 AN
10484	-10 AN
10485	-12 AN

FLARE TO PIPE TEE ADAPTER FITTINGS



Aluminum

Part No.	Size
10460	-3 AN x 1/8" NPT
10461	-4 AN x 1/8" NPT
10462	-6 AN x 1/4" NPT
10463	-8 AN x 3/8" NPT
10464	-10 AN x 1/2" NPT
10465	-12 AN x 3/4" NPT

FLARE TO PIPE ON RUN TEE ADAPTER FITTINGS



Aluminum

Part No.	Size
10470	-3 AN x 1/8" NPT
10471	-4 AN x 1/8" NPT
10472	-6 AN x 1/4" NPT
10473	-8 AN x 3/8" NPT
10474	-10 AN x 1/2" NPT
10475	-12 AN x 3/4" NPT

FLARE PLUGS



Aluminum

Part No.	Size
10440	-3 AN
10441	-4 AN
10442	-6 AN
10443	-8 AN
10444	-10 AN
10445	-12 AN
10446	-16 AN

FLARE CAPS



Aluminum

Part No.	Size
10450	-3 AN
10451	-4 AN
10452	-6 AN
10453	-8 AN
10454	-10 AN
10455	-12 AN
10456	-16 AN

SOCKET PIPE PLUGS (NPT)



Aluminum

Part No.	Size
10490	1/8" NPT
10491	1/4" NPT
10492	3/8" NPT
10493	1/2" NPT
10494	3/4" NPT

BRAIDED FLEXIBLE RACE HOSES

Vibrant Performance offers a range of braided synthetic rubber hose manufactured to withstand the demands of the motorsports industry. These hoses are available in your choice of a 300 series Stainless Steel braided cover for ultimate protection from abrasion or a Black Braided Nylon Cover that is both lightweight and durable. These hoses are suitable for use with Oil, Water, Fuel and Coolant, are capable of handling operating temperatures ranging from -40 deg F to 300 deg. F and elevated Operating Pressures.



Stainless Steel Braided Flex Hose



Black Nylon Braided Flex Hose

STAINLESS STEEL BRAIDED FLEX HOSE

AN Size	Hose ID	2ft Roll Part No.	10ft Roll Part No.	20ft Roll Part No.	Operating Pressure
-4	0.22"	11904	11914	11924	1500 psi
-6	0.34"	11906	11916	11926	1500 psi
-8	0.44"	11908	11918	11928	1250 psi
-10	0.56"	11910	11920	11930	1250 psi
-12	0.68"	11912	11922	11932	1250 psi

BLACK NYLON BRAIDED FLEX HOSE

AN Size	Hose ID	2ft Roll Part No.	10ft Roll Part No.	20ft Roll Part No.	Operating Pressure
-4	0.22"	11954	11964	11974	500 psi
-6	0.34"	11956	11966	11976	500 psi
-8	0.44"	11958	11968	11978	500 psi
-10	0.56"	11960	11970	11980	500 psi
-12	0.68"	11962	11972	11982	500 psi

FUEL INJECTOR STYLE MINI HOSE CLAMPS

9mm wide clamp band. Made from Zinc Plated Mild Steel. Rounded edges ensure the clamp grips firmly without cutting the hose. Great for fuel, vacuum and windshield washer lines.



Clamping Range	Pack of 2 Part No.	Pack of 10 Part No.	Clamping Range	Pack of 2 Part No.	Pack of 10 Part No.
7mm – 9mm	12210	12230	12mm – 14mm	12215	12235
8mm – 10mm	12211	12231	13mm – 15mm	12216	12236
9mm – 11mm	12212	12232	14mm – 16mm	12217	12237
10mm – 12mm	12213	12233	15mm – 17mm	12218	12238
11mm – 13mm	12214	12234	16mm – 18mm	12219	12239

Use 11-13mm clamps for 1/4" ID Fuel injector Hoses

Use 13-15mm clamps for 5/16" ID Fuel injector Hoses

Use 14-16mm clamps for 3/8" ID Fuel injector Hoses

STAINLESS STEEL PINCH CLAMPS

Made from 300 series Stainless Steel. Provides 360 degree sealing without gaps. Smooth inner band avoids hose/tube damage.

Clamping Range	Pack of 2 Part No.	Pack of 10 Part No.	Clamping Range	Pack of 2 Part No.	Pack of 10 Part No.
6.0 - 7mm	12250	12270	14.5 - 17.0mm	12256	12276
7.0 - 8.7mm	12251	12271	16.0 - 19.2mm	12257	12277
7.8 - 9.5mm	12252	12272	17.8 - 21.0mm	12258	12278
9.4 - 11.9mm	12253	12273	20.3 - 23.5mm	12260	12280
11.3 - 13.8mm	12254	12274	22.4 - 25.6mm	12261	12281
12.8 - 15.3mm	12255	12275	25.4 - 28.6mm	12262	12282



WELD BUNGS

Vibrant Performance offers an extensive selection of Aluminum and Mild Steel Weld Bungs. Ideal for use with Aluminum Radiators, Oil Pans, custom tank fabrication and any other project that requires customized plumbing. All Bungs are sold individually and come retail packaged.

MALE AN BUNGS

Bung Size	Aluminum Part No.	Mild Steel Part No.
Male -4 AN 7/16 - 20 SAE Thread, 3/4" Flange OD	11150	11250
Male -6 AN 9/16 - 18 SAE Thread, 7/8" Flange OD	11151	11251
Male -8 AN 3/4 - 16 SAE Thread, 1" Flange OD	11152	11252
Male -10 AN 7/8 - 14 SAE Thread, 1-1/8" Flange OD	11153	11253
Male -12 AN 1-1/16 - 12 SAE Thread, 1-3/8" Flange OD	11154	11254
Male -16 AN 1-5/16 - 12 SAE Thread, 1-5/8" Flange OD	11155	11255
Male -20 AN 1-5/8 - 12 SAE Thread, 1-3/4" Flange OD	11156	11256



FEMALE AN BUNGS



Bung Size/Thread	Aluminum Part No.	Mild Steel Part No.
Female -4 AN, 7/16" -20 Thread, 3/4" OD	11160	11260
Female -6 AN, 9/16" -18 Thread, 7/8" OD	11161	11261
Female -8 AN, 3/4" -16 Thread, 1" OD	11162	11262
Female -10 AN, 7/8" -14 Thread, 1-1/8" OD	11163	11263
Female -12 AN, 1-1/16" -12 Thread, 1-3/8" OD	11164	11264
Female -16 AN, 1-5/16" -12 Thread, 1-5/8" OD	11165	11265

FEMALE NPT BUNGS

Bung Size/Thread	Aluminum Part No.	Mild Steel Part No.
Female 1/8" - 27 NPT, 3/4" OD	11170	11270
Female 1/4" - 18 NPT, 7/8" OD	11171	11271
Female 3/8" - 18 NPT, 1" OD	11172	11272
Female 1/2" - 14 NPT, 1-1/4" OD	11173	11273
Female 3/4" - 14 NPT, 1-3/8" OD	11174	11274
Female 1" - 11 1/2 NPT, 1-5/8" OD	11175	N/A



LARGE DIAMETER WELD BUNGS W/ ALUMINUM CAPS

- Weld Bungs available in Mild Steel and T6061 Aluminum
- Aluminum Thread-on Caps available in Polished or Anodized Black finish



Description	Part No.
2" OD Aluminum Weld Bung + Polished Aluminum Threaded Cap	11290
2" OD Aluminum Weld Bung + Black Aluminum Threaded Cap	11291
2" OD Steel Weld Bung + Polished Aluminum Threaded Cap	11292
2" OD Steel Weld Bung + Black Aluminum Threaded Cap	11293
2.75" OD Aluminum Weld Bung + Polished Aluminum Threaded Cap	11294
2.75" OD Aluminum Weld Bung + Black Aluminum Threaded Cap	11295
2.75" OD Steel Weld Bung + Polished Aluminum Threaded Cap	11296
2.75" OD Steel Weld Bung + Black Aluminum Threaded Cap	11297

UNIVERSAL CATCH CAN

Vibrant Performance offers the most versatile Universal Catch Can on the market. Made entirely from T6061 Aluminum, it is suitable for various types of service: Oil, Fluid (i.e. Coolant) and even Vacuum.

Measuring 3" OD x 8 1/4" long out of the box, Vibrant Catch Cans give users the option of being cut down to length to accommodate the available space in your engine bay. The top end cap is pressure fit and can be removed in order to shorten the cannister. The bottom end cap threads on to the cannister for added security. Both end caps feature multiple tapped ports for ultimate flexibility (plugs are supplied for unused ports). A pair of threaded One-Touch elbow fittings and an 8" length of clear polyethylene tubing are also included in the kit to serve as a fluid level gauge.

Top end cap is pressure fit



Each end cap features 6 threaded ports, tapped for 1/2" NPT fittings.

Bottom end cap now threads on for added security. O-ring included to ensure a leak free seal.

Each end cap also features a port tapped for 3/4" NPT fittings, perfect for running a breather filter off your catch can.



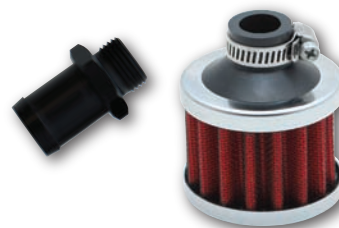
All Vibrant Performance Catch Cans include a unique mounting bracket that provides the installer enormous flexibility when trying to determine the best way to mount the Catch Can.

Part No.	Description
12688	3" O.D. Universal Catch Can - Anodized Silver
12689	3" O.D. Universal Catch Can - Anodized Black
12673	Stainless Steel Baffling Mesh with Clip (not pictured)

CATCH CAN FILTER KIT

This kit includes a 1" I.D. Crankcase Breather Filter and 1" O.D. aluminum male fitting, tapped to thread into the 3/4" NPT port found on Vibrant Performance Catch Cans.

Part No. 12672



ALUMINUM THREAD-ON VACUUM SCAVENGER

Vibrant's unique Thread-on Vacuum Scavenger is designed to allow you to pull excess vacuum from your motor without having to modify your valve cover. This can help in a variety of ways, including ensuring that unburned fuel vapours are removed from the motor to avoid oil contamination. It also helps with "blow by" on boosted motors.

The adapter fitting threads onto the stock Honda / Acura oil filler neck. **No welding is required.** The low profile design provides excellent hood clearance. The outlet port is tapped for a 1/4" NPT fitting (a 1/4" NPT x -8AN adapter fitting is included). Also includes a threaded Aluminum Oil Cap but you can use your stock Honda / Acura oil cap if you prefer. Includes Viton® O-Rings for a leak free seal.

Part No.	Application
12670	Aluminum Vacuum Scavenger for Honda / Acura Motors - Polished
12671	Aluminum Vacuum Scavenger for Honda / Acura Motors - Anodized Black



Vibrant Performance has teamed up with DCI Performance Products™ of Australia to bring DCI's industry leading Heat and Acoustic Shielding products to the North American Automotive High Performance aftermarket. DCI has been in the automotive market for over 60 years. Over the past 15 years, they have been making a name for themselves as a respected Tier 1 and Tier 2 supplier of shielding solutions for many of the world's leading car makers. Their patented technology allows them to create superior heat and acoustic shields that are lightweight, recyclable, easy to install and cost effective.

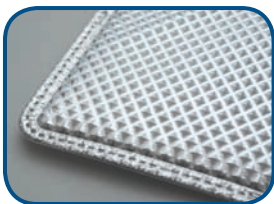


HEAT SHIELDS

Don't let heat affect the integrity of your car or the quality and comfort of your ride. SHEETHOT™ shielding products from DCI protect your car and its components from heat damage and prevents heat transfer to the interior.

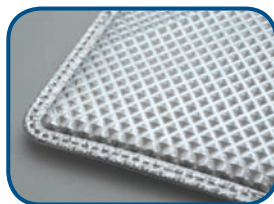
SHEETHOT™ TF-600 Heat Shield

TF-600 heat shields are ideal for use on underbody components where rigid and robust shielding is required. Suitable for up to 1100°F (600°C).



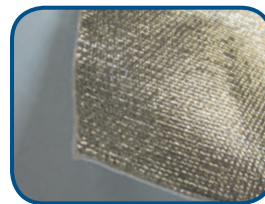
SHEETHOT™ TF-400 Heat Shield

TF-400 heat shields are ideal when easy manipulation of the shielding is needed for proper installation on underbody components. Suitable up to 1100°F (600°C).



SHEETHOT™ FLEX ADHESIVE

Ideal for shielding areas of your vehicle where mechanical fasteners can't be used (e.g. fuel tanks, certain engine bay components, etc.). The adhesive backing makes installation easy. Suitable up to 490°F (255°C).

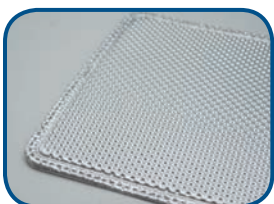


Part No.	Description	Sheet Size
25400L	SHEETHOT™ TF-400 Heat Shield – Large Sheet	26 3/4" x 17" (680mm x 430mm)
25400S	SHEETHOT™ TF-400 Heat Shield – Small Sheet	11 3/4" x 9" (300mm x 230mm)
25600L	SHEETHOT™ TF-600 Heat Shield – Large Sheet	26 3/4" x 17" (680mm x 430mm)
25600S	SHEETHOT™ TF-600 Heat Shield – Small Sheet	11 3/4" x 9" (300mm x 230mm)
25200L	SHEETHOT™ FLEX ADHESIVE – Large Sheet	39 1/4" x 20" (1000mm x 500mm)



XT-5000 HEAT SHIELDS

High Performance vehicles and High Temperatures go hand in hand but those elevated temperatures can affect your car's output as well as potentially causing serious damage to vehicle components. SHEETHOT EXTREME™ delivers an effective solution, protecting your car from heat damage and allowing you to maximize performance and longevity.



SHEETHOT EXTREME™ XT-5000 Heat Shield

XT-5000 heat shields are suitable for temperatures up to 1830°F (1000°C), making them ideal shields for exhaust manifolds and turbo systems.

Part No.	Description	Sheet Size
25000L	SHEETHOT EXTREME™ Heat Shield – Large Sheet	31" x 11-1/2" (790mm x 290mm)
25000S	SHEETHOT EXTREME™ Heat Shield – Small Sheet	11 3/4" x 9" (300mm x 230mm)

TECH TIP

- Use a cardboard template to determine shape, size and form of the required shield.
- When cutting your template, be sure to add an extra 3/8" (approx 10mm) all around to allow for folded edges.
- These shielding materials can be easily cut using sharp scissors or tin snips.
- Fold edges over before forming/shaping the shield to prevent layer separation, increase shield strength and to avoid cuts
- Mechanical fasteners such as screws, bolts, pop rivets and stainless steel clamps are recommended for attachment. Custom brackets may be required in some cases.
- Where possible, allow a 3/8"-3/4" (10mm-20mm) air gap between the shield and the component being shielded
- When handling these materials, always wear gloves and safety glasses. Cover all skin that may come in contact with the material.
- Neither Vibrant Performance nor DCI Performance Products will accept responsibility for any harm incurred due to improper usage of these or other products.



ACOUSTIC SHIELDS

Don't let irritating noises affect ride quality and comfort! DCI's QUIETSHEET™ acoustic shielding product line will reduce the amount of unwanted noise that makes its way into your vehicle's cabin and make driving a significantly more enjoyable experience.



QUIETSHEET™ Diamond Acoustic Shield

This acoustic shielding is ideal for sound deadening / absorption. This shielding is intended for Direct-to-Surface application and features an adhesive backing to provide hassle free installation. Suitable up to 390°F (200°C).

Part No.	Description	Sheet Size
25700L	QUIETSHEET™ Diamond Acoustic Shield	27-1/2" x 10-1/4" (70mm x 260mm)

TECH TIP

- It is recommended that this product is heated with a hair dryer / heat gun during installation.
- Ensure surfaces are clean and dry, free from grease and dirt.
- As this is a self-adhering shield, no fasteners are required. Suitable for interior or exterior use.



PREFORMED HEAT SHIELDS

DCI offers SHEETHOT™ pipe shields for mounting directly to straight sections of tubing as well as to sections of tubing that are bent at 90 degrees. Made from the same material as the TF-600 SHEETHOT™ material (6 layer dimpled aluminum). Suitable for temperatures up to 1100°F (600°C). Easy to install.



Pipe Shields for straight tubing

Part No.	Description
25312	SHEETHOT™ Preformed pipe shield for 2"-3" O.D. straight tubing (1 foot length)
25324	SHEETHOT™ Preformed pipe shield for 2"-3" O.D. straight tubing (2 foot length)
25526	SHEETHOT™ Preformed pipe shield for 5" O.D. straight tubing (26" length)

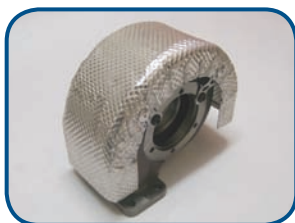


Pipe Shields for 90 degree bends

Part No.	Description
25390	SHEETHOT™ Preformed 90 degree pipe shield for 2"-3" O.D. tubing (8" radius bend, 18" long)
25590	SHEETHOT™ Preformed 90 degree pipe shield for 5" O.D. tubing (11" bend radius, 20" long)



PREFORMED TURBO SHIELD



DCI'S SHEETHOT EXTREME™ preformed turbo shields are designed to fit up to Garrett's GT30/35 Turbo Housing. Includes mounting hardware. Made from the same material as the XT-5000 material which is suitable for temperatures up to 1830°F (1000°C).

Part No. 25035

ENGINE MOUNT HEAT SHIELD KIT

These universal heat shield kits are able to be fit to a wide variety of engine mounts. Made from the TF-600 SHEETHOT™ material

This kit includes heat shield, brackets, rivets and installation instructions. Some assembly required.

Part No. 25695



STARTER MOTOR HEAT SHIELD KIT

These universal heat shield kits are designed to suit 63mm to 85mm starter motors. Made from the TF-600 SHEETHOT™ material. This kit includes heat shield, brackets, rivets and installation instructions. Some assembly required.

Part No. 25696



THERMAL PROTECTION SOLUTIONS (CONTINUED)

Vibrant Performance is pleased to offer our customers a variety of Thermal Sleeving and Tubing products to help manage and protect all of their automotive wires, cables and hoses.

FLEXIBLE SPLIT SLEEVING



These lightweight, flexible braided sleeves are easy to install thanks to the unique self-wrapping split braid that allows for the addition or removal of wires, hoses or cables without complete disassembly. Best of all, there is no need for fasteners like Velcro or tape. These sleeves feature a 25% edge overlap and allow tight radius bending without distorting or splitting open.

It is recommended to cut this type of sleeving with a hot knife to prevent fraying.

Nominal Size	Sleeve Length	Part No.
1/4"	10ft	25800
1/2"	10ft	25801
3/4"	10ft	25802
1"	5ft	25804
1 1/2"	5ft	25806

Available in Black Only.

HEAT PROTECT FLEXIBLE SLEEVING



These silicone wrapped fiberglass sleeves are ideal for industry professionals seeking protection from temperatures up to 500°F.

The Heat Protect sleeving is highly flexible and is engineered to protect hoses, cables and wire harnesses from damage due to exposure to extreme heat, open flame and weld sparks. It will also resist automotive chemicals and solvents and provides significant protection from abrasion or punctures.

Nominal Size	Sleeve Length	Part No.
1/2"	5ft	25810
3/4"	5ft	25811
7/8"	5ft	25812
1"	5ft	25813

Available in Black Only.

EXTREMESHIELD 1200 FLEXIBLE TUBING



ExtremeShield Flexible Tubing provides easy slip-on installation and outstanding protection for your wires, hoses and cables from temperatures up to 1200 deg F.

This product features an aluminized heat shield that is laminated to tightly braided fiberglass insulation which provides superior protection from radiant heat.

This tubing is not expandable so be sure to measure your application carefully.

Nominal Size	Sleeve Length	Part No.
1/2"	5ft	25820
3/4"	5ft	25821
1"	5ft	25822
1 1/4"	5ft	25823

Available in Silver Only.

EXTREMESHIELD 1400 FLEXIBLE REFLECTIVE WRAP



This Aluminized Fiberglass thermal wrap is designed for easy installation on lines and hoses that can't be easily disassembled. Simply wrap the pre-formed split tubing around your components and seal it with the included high temperature adhesive strip to provide protection from extreme temperatures (up to 1400 deg. F). Perfect for protecting wires, cables and hose lines from the damage that can be caused by exhaust pipes and other high heat sources.

Nominal Size	Sleeve Length	Part No.
1/2"	4ft	25830
3/4"	4ft	25831
1"	4ft	25832
1 1/4"	4ft	25833

SPARK PLUG BOOT INSULATOR



Protect your spark plug wires at the connection to the boot with these easy, slip on braided fiberglass insulation sleeves. Protects up to 1200 deg F and requires no clearance from heat source

Part No.	Size	Quantity	Color
25890	3/4" dia	4 / pack	Natural
25891	3/4" dia	4 / pack	Black

STAINLESS STEEL CABLE TIES

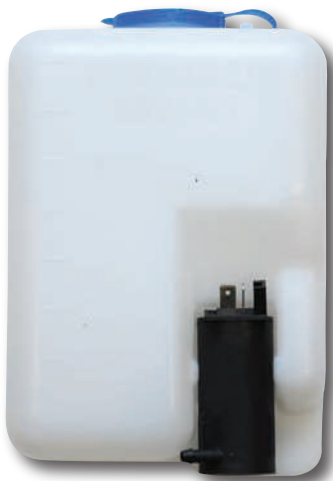


Our stainless steel cable ties are ideal for installing/securing heavy duty and high temp sleeving. Easy to install without special tools.

Size	Quantity	Part No.
7.5" long ties	10 / pack	25895

REPLACEMENT WINDSHIELD WASHER BOTTLE KIT

The factory windshield washer bottle installed on most vehicles is a major inconvenience because they are often very large and take up so much space. This is especially true for anyone who has ever installed a turbocharger or supercharger on their car, or simply needed to free up space in their engine bay. Many people simply remove the stock bottle and hope they will never need it. Vibrant Performance now offers a choice of two compact universal washer bottle kits that include everything you need to replace the OEM bottle.



Bottle dimension: 7 7/8" Tall x 5 1/4" Wide x 4 1/4" Deep

Part No.	Description
10400	Windshield Washer Bottle Replacement Kit (1.2L Bottle)
10405	Replacement Electric Pump for 1.2L bottle

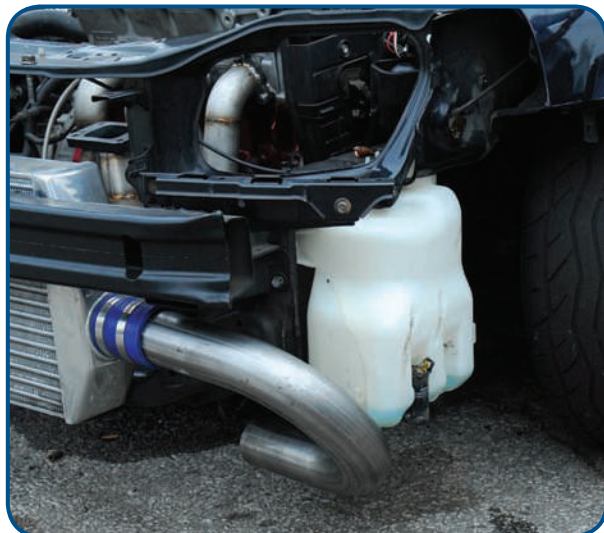


Bottle dimension: 7 3/4" Tall x 6 1/4" Wide x 4 3/4" Deep

Part No.	Description
10402	Windshield Washer Bottle Replacement Kit (1.8L Bottle)
10406	Replacement Electric Pump for 1.8L bottle



Each kit includes a high quality plastic washer bottle, electric pump, electric plug with wire, mounting bracket and a length of hose to adapt to the factory system.



Huge OEM washer bottle can create significant clearance problems.



Vibrant Performance washer bottles are very compact allowing much more space for aftermarket add-ons.

EXHAUST MANIFOLD FLANGES

For 2012, Vibrant Performance has significantly expanded our Exhaust Manifold Flange program to meet customer demand.

We have added several new applications to our range of 3/8" thick T304 Stainless Steel flanges and now we also offer 1/2" thick Mild Steel flanges that have had their port sizes specifically designed to cater to the needs of fabricators who are using thick wall Schedule 10 or Schedule 40 piping to produce Turbo Manifolds.



3/8" Thick Stainless Steel Exhaust Manifold Flanges

- port sizing optimized for use with standard wall round tubing

Part No.	Application
14336	For use on BMW E36/E46 platform motors
14464	For use on Ford 4.6L (32 valve) DOHC motors
14462	For use on Ford 4.6L (16 valve) SOHC motors
14302	For use on Ford 260-351W
1460E	For use on GM Ecotec motor
14331	For use on Chevrolet LT1/L98/LB9 Small Block
14332	For use on GM LS1/LS2/LS3/LS6/L92 motor
1460	For use on Honda/Acura B-Series motor
1460D	For use on Honda/Acura D-Series motor
1460F	For use on Honda F20C motor
1460H	For use on Honda H22 motor
1460K	For use on Honda/Acura K-Series motor
1460M	For use on Mitsubishi 4G63 motor
1460A	For use on Nissan KA24 motor
1460R	For use on Nissan RB25/RB26 motor
1460S	For use on Nissan SR20 motor
1460V	For use on VW/Audi 1.8T motor
14320V	For use on VW/Audi 2.0FSI motor

1/2" Thick Mild Steel Exhaust Manifold Flanges

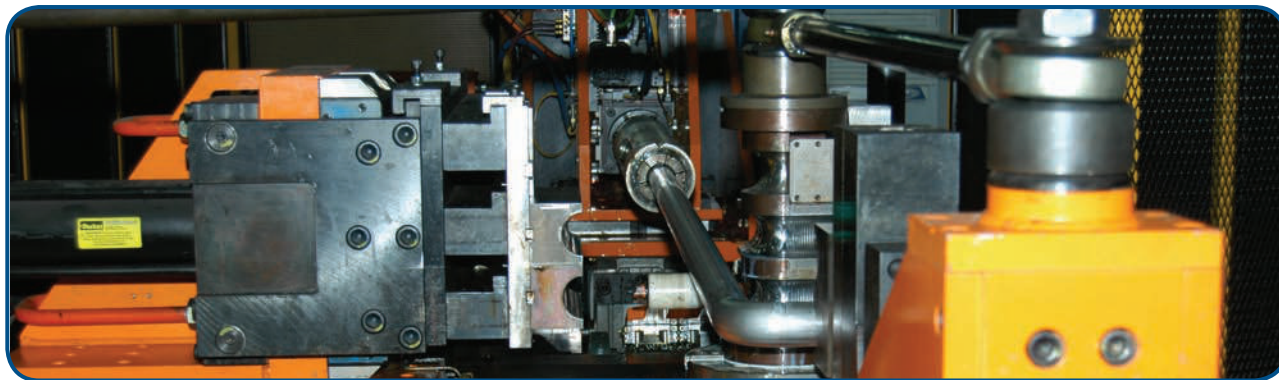
- port sizing optimized for use with Schedule 10 or Schedule 40 pipe

Part No.	Application
14636	For use on BMW E36/E46 platform motors
14630	For use on GM Ecotec motor
14610	For use on Honda/Acura B-Series motor
14610D	For use on Honda/Acura D-Series motor
14610F	For use on Honda F20C motor
14610H	For use on Honda H22 motor
14610K	For use on Honda/Acura K-Series motor
14634	For use on Hyundai Theta 2.0L motor (Genesis 2.0T)
14611	For use on Mitsubishi 4B11 motor
14663	For use on Mitsubishi 4G63 motor
14624	For use on Nissan KA24 motor
14625	For use on Nissan RB25/RB26 motor
14620N	For use on Nissan SR20 motor
14633	For use on Toyota 2AZ-FE motor
14618	For use on VW/Audi 1.8T motor
14620V	For use on VW/Audi 2.0FSI motor



MANDREL BENDS

Vibrant Performance offers a full assortment of Mandrel Bends in a wide range of sizes. We offer round tube sizes ranging from 1-1/4" to 5" and we even offer oval mandrel bent tubing in sizes ranging from 3" to 4" nominal.



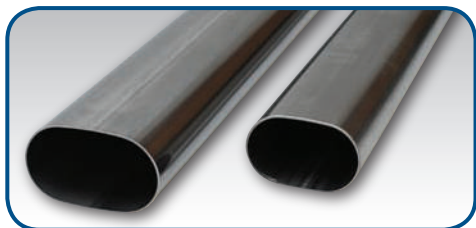
T304 STAINLESS STEEL OVAL MANDREL BENDS



All Oval Mandrel Bends feature 6" leg lengths

Part No.	Nominal Size	Bend Angle	Tube Thickness	Centerline Radius
13189	3"	45 deg.	16 gauge	4 1/2"
13191	3"	90 deg.	16 gauge	4 1/2"
13192	3 1/2"	45 deg.	16 gauge	5 1/4"
13194	3 1/2"	90 deg.	16 gauge	5 1/4"
13195	4"	45 deg.	16 gauge	6"
13197	4"	90 deg.	16 gauge	6"

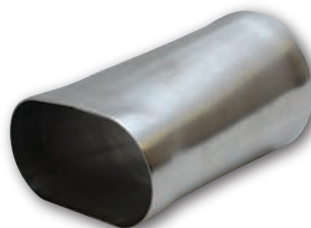
T304 S.S. OVAL TUBING, STRAIGHT LENGTHS



Part No.	Nominal Size	Tube Thickness	Overall Length
13182	3"	16 gauge	5 ft.
13183	3 1/2"	16 gauge	5 ft.
13184	4"	16 gauge	5 ft.

Please note: Overall length tolerance = +/- 2"

T304 S.S. OVAL TO ROUND TRANSITIONS



Part No.	Description	Length
13170	3" Oval (nom.) x 3" Round	6"
13171	3 1/2" Oval (nom.) x 3 1/2" Round	6"
13172	4" Oval (nom.) x 4" Round	6"

TECH TIP

The nominal size listed for oval tubing approx. equals the equivalent diameter for like-size round tubing.

Nominal Size	Actual Tube Size
3"	2.20" x 3.45"
3.5"	2.375" x 4.125"
4"	2.60" x 4.80"

Vibrant also offers **Stainless Steel Exhaust Sleeves Clamps** for oval tubing (pg. 63)

T304 S.S. OVAL 4-BOLT FLANGES



Part No.	Description	Matching Gasket
13175S	4 Bolt flange for 3" Nom. Oval tubing	13175G
13176S	4 Bolt flange for 3 1/2" Nom. Oval tubing	13176G
13177S	4 Bolt flange for 4" Nom. Oval tubing	13177G

MANDREL BENDS (CONTINUED)

U-J MANDREL BENDS

Vibrant U-J Mandrel Bends give you a 180° bend, a 45° bend and a straight leg, making them an economical option for custom fabricators because each piece can yield up to three separate bends and a straight section. Ideal for custom fabricating exhaust systems, headers and intercooler pipes.

Available in T304 Stainless Steel and Aluminized (Mild) Steel.



T304 STAINLESS STEEL U-J MANDREL BENDS

Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B	Leg Length C	T304 Stainless Steel Part No.
1 1/2"	16 gauge	3"	4"	7"	10"	2601
1 5/8"	16 gauge	2 1/4"	4 1/2"	8"	9"	2602
1 3/4"	16 gauge	3 1/2"	4 1/2"	8"	8"	2603
1 7/8"	16 gauge	4"	4 1/2"	7"	8"	2604
2"	16 gauge	4"	4 1/2"	7"	7"	2605
2 1/4"	16 gauge	3 1/2"	4 1/2"	8"	8"	2607
2 1/2"	16 gauge	3 1/2"	5"	7"	8"	2609
2 3/4"	16 gauge	4 1/8"	6"	7"	11"	2615
3"	16 gauge	5"	6 1/2"	9"	12"	2611
3 1/2"	16 gauge	5 3/4"	7"	9"	9"	2612
4"	16 gauge	6"	7 1/2"	8 1/2"	10"	2613

ALUMINIZED MILD STEEL U-J MANDREL BENDS

Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B	Leg Length C	Aluminized (Mild) Steel Part No.
1 1/2"	16 gauge	3"	5"	8"	8"	12601
1 3/4"	16 gauge	3 1/2"	5"	7"	7"	12603
2"	16 gauge	4"	4"	9"	12"	12605
2 1/4"	16 gauge	3 1/2"	4"	8"	12"	12607
2 1/2"	16 gauge	4 1/4"	5"	8"	12"	12609
3"	16 gauge	5"	8"	10"	23"	12611
3 1/2"	16 gauge	5"	7"	13"	21"	12612
4"	16 gauge	6"	7"	8"	8"	12613

WALL MOUNT BRACKET

These powder coated steel brackets make it easy to organize your inventory of Vibrant Performance Mandrel Bends and straight tubing.

Part No. 2995



T304 S.S. 180° BENDS

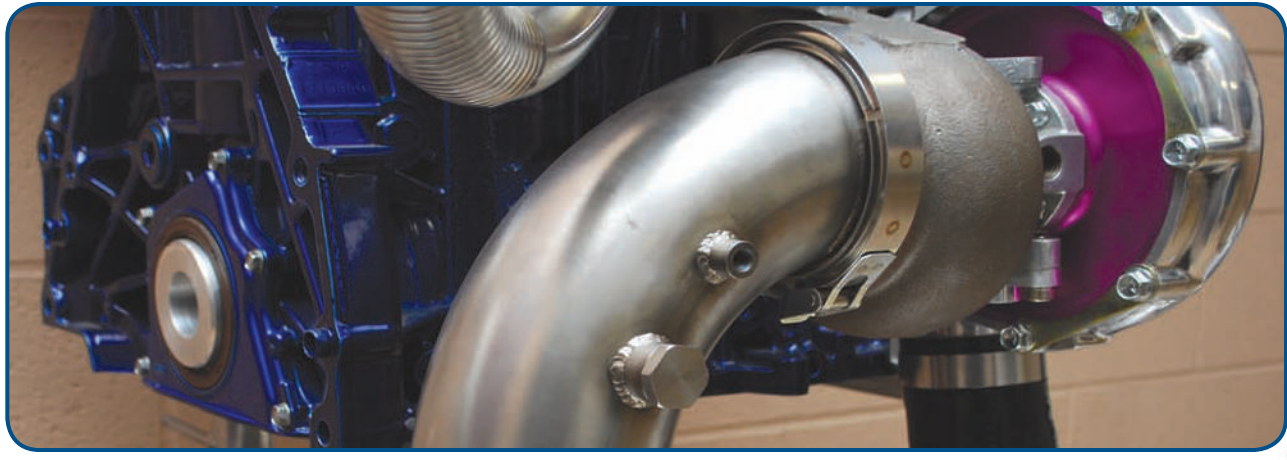
Part No.	Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B
2618	1 1/4"	16 gauge	2 3/4"	4"	4"
2619	1 3/8"	16 gauge	2 3/8"	4"	4"
2620	1 1/2"	16 gauge	1 1/2"	4"	4"
2694	1 1/2"	16 gauge	2 3/8"	4"	4"
2621	1 5/8"	16 gauge	1 5/8"	4"	4"
2695	1 5/8"	16 gauge	2 1/8"	4"	4"
2622	1 3/4"	16 gauge	1 3/4"	4"	4"
2696	1 3/4"	16 gauge	2 5/8"	4"	4"
2623	1 7/8"	16 gauge	1 7/8"	4"	4"
2697	1 7/8"	16 gauge	2 7/8"	4"	4"
2624	2"	16 gauge	2"	4"	4"
2698	2"	16 gauge	2 1/2"	4"	4"
2625	2 1/8"	16 gauge	3 1/8"	4"	4"
2626	2 1/4"	16 gauge	3 3/8"	5"	5"
2627	2 3/8"	16 gauge	3 1/2"	5"	5"
2628	2 1/2"	16 gauge	3 1/2"	5"	5"
2629	2 3/4"	16 gauge	4 1/8"	5"	5"
2656	3"	16 gauge	5"	5"	5"
2657	3 1/2"	16 gauge	5 1/2"	5"	5"
2658	4"	16 gauge	6"	5"	5"
2659	5"	14 gauge	7 1/2"	5"	5"



T304 S.S. 120° BENDS



Part No.	Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B
13000	1 1/4"	16 gauge	2 3/4"	4"	12"
13001	1 3/8"	16 gauge	2 3/8"	4"	12"
13002	1 1/2"	16 gauge	1 1/2"	4"	12"
13003	1 5/8"	16 gauge	1 5/8"	4"	12"
13004	1 3/4"	16 gauge	1 3/4"	4"	12"
13005	1 7/8"	16 gauge	1 7/8"	4"	12"
13006	2"	16 gauge	2"	4"	12"
13007	2 1/8"	16 gauge	3 1/8"	4"	12"
13008	2 1/4"	16 gauge	3 3/8"	4"	12"
13009	2 3/8"	16 gauge	3 1/2"	4"	12"
13010	2 1/2"	16 gauge	3 1/2"	4"	12"
13012	3"	16 gauge	5"	4"	12"



T304 S.S. 90° BENDS

Part No.	Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B
13030	1 1/4"	16 gauge	2 3/4"	4"	12"
13031	1 3/8"	16 gauge	2 3/8"	4"	12"
13032	1 1/2"	16 gauge	1 1/2"	4"	12"
13033	1 5/8"	16 gauge	1 5/8"	4"	12"
13034	1 3/4"	16 gauge	1 3/4"	4"	12"
13035	1 7/8"	16 gauge	1 7/8"	4"	12"
13036	2"	16 gauge	2"	4"	12"
13050	2"	16 gauge	2 1/2"	4"	12"
13037	2 1/8"	16 gauge	3 1/8"	4"	12"
13038	2 1/4"	16 gauge	3 3/8"	4"	12"
13039	2 3/8"	16 gauge	3 1/2"	4"	12"
13051	2 1/2"	16 gauge	2 1/2"	4"	12"
13040	2 1/2"	16 gauge	3 1/2"	4"	12"
13052	2 3/4"	16 gauge	2 3/4"	4"	12"
13041	2 3/4"	16 gauge	4 1/8"	4"	12"
13053	3"	16 gauge	3"	4"	12"
13042	3"	16 gauge	5"	4"	12"
13043	3 1/2"	16 gauge	5 1/2"	6"	6"
13044	4"	16 gauge	6"	6"	6"
13045	5"	14 gauge	7 1/2"	6"	6"



T304 S.S. 60° BENDS

Part No.	Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B
13062	1 1/2"	16 gauge	1 1/2"	6"	6"
13064	1 3/4"	16 gauge	1 3/4"	6"	6"
13066	2"	16 gauge	2"	6"	6"
13068	2 1/4"	16 gauge	3 3/8"	6"	6"
13070	2 1/2"	16 gauge	3 1/2"	6"	6"
13071	2 3/4"	16 gauge	4 1/8"	6"	6"
13072	3"	16 gauge	5"	6"	6"
13073	3 1/2"	16 gauge	5 1/2"	6"	6"
13074	4"	16 gauge	6"	6"	6"

T304 S.S. 45° BENDS

Part No.	Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B
13092	1 1/2"	16 gauge	1 1/2"	6"	6"
13094	1 3/4"	16 gauge	1 3/4"	6"	6"
13096	2"	16 gauge	2"	6"	6"
13098	2 1/4"	16 gauge	3 3/8"	6"	6"
13100	2 1/2"	16 gauge	3 1/2"	6"	6"
13101	2 3/4"	16 gauge	4 1/8"	6"	6"
13102	3"	16 gauge	5"	6"	6"
13103	3 1/2"	16 gauge	5 1/2"	6"	6"
13104	4"	16 gauge	6"	6"	6"
13105	5"	14 gauge	7 1/2"	6"	6"



T304 S.S. 15° BENDS

Part No.	Tube O.D.	Tube Thickness	Centerline Radius	Leg Length A	Leg Length B
13122	1 1/2"	16 gauge	1 1/2"	4"	4"
13124	1 3/4"	16 gauge	1 3/4"	4"	4"
13126	2"	16 gauge	2"	4"	4"
13127	2 1/8"	16 gauge	3 1/8"	5"	5"
13128	2 1/4"	16 gauge	3 3/8"	5"	5"
13130	2 1/2"	16 gauge	3 1/2"	5"	5"
13132	3"	16 gauge	5"	5"	5"



T304 S.S. ROUND TUBING, STRAIGHT LENGTHS



Please note: Overall length tolerance = +/- .2"

Part No.	Tube O.D.	Tube Thickness	Overall Length
2634	1 1/4"	16 gauge	5 ft.
2635	1 3/8"	16 gauge	5 ft.
2636	1 1/2"	16 gauge	5 ft.
2637	1 5/8"	16 gauge	5 ft.
2638	1 3/4"	16 gauge	5 ft.
2639	1 7/8"	16 gauge	5 ft.
2645	2"	16 gauge	5 ft.
2646	2 1/8"	16 gauge	5 ft.
2640	2 1/4"	16 gauge	5 ft.
2647	2 3/8"	16 gauge	5 ft.
2641	2 1/2"	16 gauge	5 ft.
2648	2 3/4"	16 gauge	5 ft.
2642	3"	16 gauge	5 ft.
2643	3 1/2"	16 gauge	5 ft.
2644	4"	16 gauge	5 ft.
2649	5"	16 gauge	5 ft.

T304 S.S. REDUCERS

Part No.	Description
2685	1 1/2" x 2" Concentric (Straight) Reducer, 2" long
2686	2" x 2 1/2" Concentric (Straight) Reducer, 2" long
2630	2 1/2" x 3" Concentric (Straight) Reducer, 2" long
2632	3" x 4" Concentric (Straight) Reducer, 4" long



TECH TIP

Customers often ask us what type of filler rod should be used when welding all the different products we offer. The following is a quick reference guide for the most commonly asked questions:

- For Welding 304 S.S. to 304 S.S. use 308 filler rod
- For Welding 304 S.S. to 321 S.S. also use 308 filler rod
- For Welding 304 S.S. to Mild Steel, use 309 filler rod

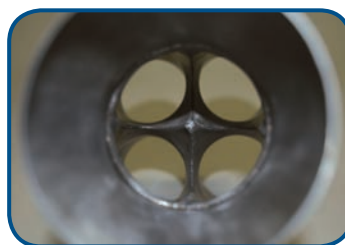
For welding 6061-T6 Aluminum, we suggest either 5356 or 4043 filler rod. 5356 is stronger, more ductile and most suitable if you intend to anodize the aluminum after welding. 4043 is more crack resistant, especially if you intend to heat treat the aluminum and it will perform better if the aluminum product you are welding is exposed to elevated temperatures (150 deg. F and up).

STAINLESS STEEL MERGE COLLECTORS

Vibrant Performance has developed a comprehensive, high quality and affordably priced range of T304 Stainless Steel Merge Collectors to help our customers free up maximum horsepower from their exhaust setup.

For many years, merge collectors were almost exclusively used by top professional race teams. However, this proven technology is now commonly used at all levels of professional racing (where rules permit) and now many fabricators are incorporating merge collectors into street header applications.

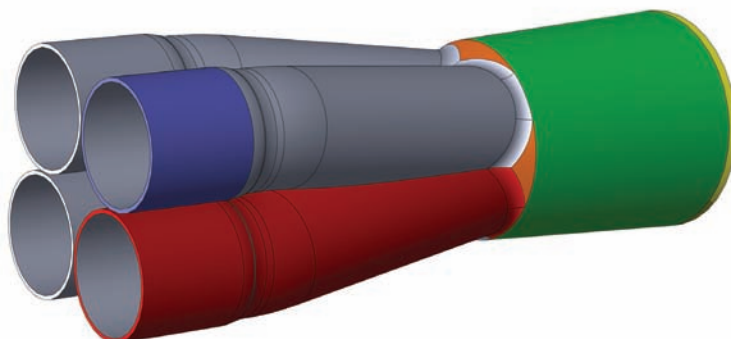
All Vibrant Performance Merge Collectors feature complete T304 Stainless Steel construction, precise fabrication, top quality TIG welds at every seam and hand porting inside the collector for smooth, unobstructed exhaust flow.



Close up view of inside of a Vibrant Performance merge collector.

4 - 1 MERGE COLLECTORS

Part No.	Inlet Slipover ID	Inlet Tubing Length	Outlet OD	Transition Cone Length	Cone Outlet OD
10302	1 3/4"	7"	2 1/2"	3 3/4"	3"
10303	1 3/4"	7"	3"	3 3/4"	3 1/2"
10305	1 7/8"	7 1/2"	2 1/2"	3 3/4"	3"
10306	1 7/8"	7 1/2"	3"	3 3/4"	3 1/2"
10307	1 7/8"	7 1/2"	3 1/2"	3 3/4"	4"
10308	2"	7 3/4"	3"	3 3/4"	3 1/2"
10309	2"	7 3/4"	3 1/2"	3 3/4"	4"
10312	2 1/8"	7 1/8"	3 1/2"	4"	4"
10313	2 1/8"	7 1/8"	4"	4"	4 1/2"
10316	2 1/4"	7 3/8"	3 1/2"	4"	4"
10317	2 1/4"	7 3/8"	4"	4"	4 1/2"



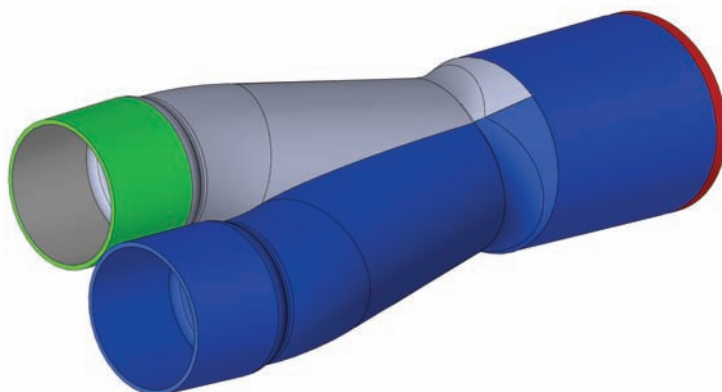
- Inlet Tubing Length
- Inlet Tubing ID
- Cone Outlet OD
- Outlet OD
- Transition Cone Length

2-1 MERGE COLLECTORS

Vibrant Performance 2 into 1 merge collectors are ideal for a variety of custom exhaust fabrication projects, including building custom X-pipes or creating your own slip fit Tri-Y merge collector setup. You can expect to pick up some extra horsepower simply by replacing your OEM 2 into 1 transition with one of these Vibrant Y-style collectors.

Just like our 4 into 1 Merge Collectors, all Vibrant Y-style Merge Collectors are precision manufactured entirely from T304 Stainless Steel and feature top quality TIG welds.

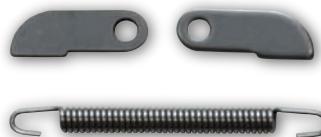
Part No.	Inlet Slipover ID	Outlet OD	A	B
10350	1 1/2"	1 3/4"	5.5"	7"
10351	1 5/8"	2"	5.5"	7"
10352	1 3/4"	2"	5.5"	7"
10353	1 3/4"	2 1/4"	6"	7.5"
10354	1 7/8"	2 1/4"	6.5"	7.5"
10355	2"	2 1/2"	5.5"	8"
10356	2 1/4"	3"	6.75"	8.75"
10357	2 1/2"	2 1/2"	7.75"	9.75"
10358	2 1/2"	3"	6.75"	9"
10359	2 1/2"	3 1/2"	6.5"	9.75"
10360	3"	3"	8.75"	10.75"
10361	3"	3 1/2"	8.5"	10.5"
10362	3"	4"	8"	10"



- Inlet Slipover ID
- Outlet OD
- Inlet Tubing Length "A"
- Overall Length "B"

WELD ON COLLECTOR TAB SET

Part No.	Description
10340	Set of S.S. collector tabs, (2 tabs, 1 spring)



Spring length is 3 1/2"

HOW DO MERGE COLLECTORS WORK:

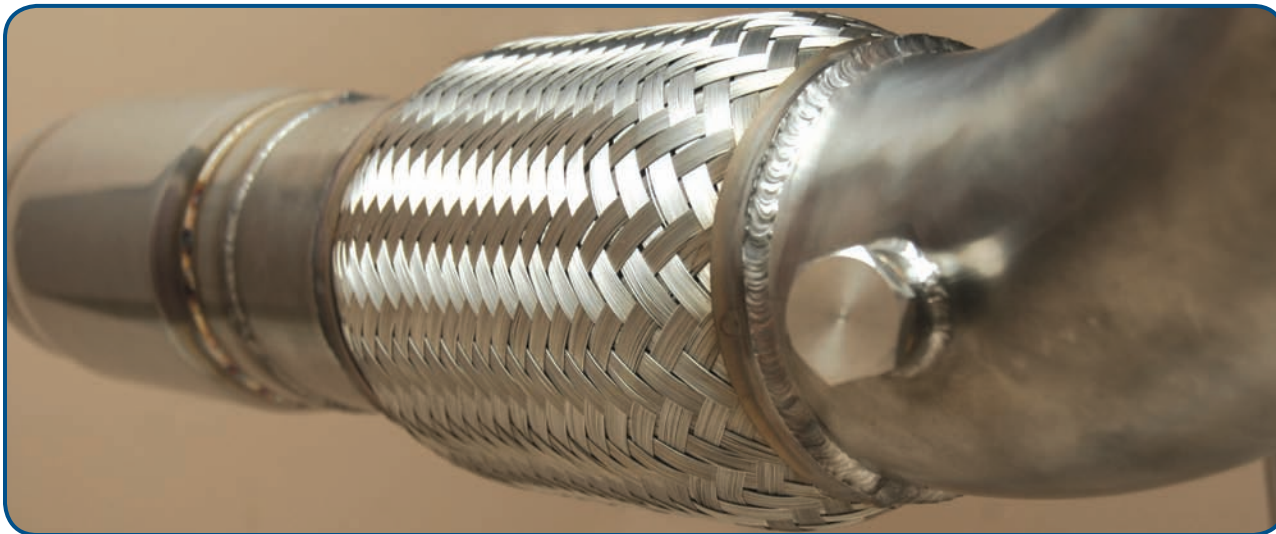
In order to maximize torque and horsepower, it is imperative that a vehicle's header and exhaust system is able to optimize exhaust gas velocity. Anything that reduces exhaust gas speed will negatively impact performance. A race header featuring a conventional collector generally suffers from a significant reduction in exhaust gas velocity at the transition from the primaries into the collector and this drop in velocity will decrease volumetric efficiency and reduce scavenging ability. This is key because optimizing volumetric efficiency of an exhaust system allows for improved air/fuel mixture in the combustion chamber, thereby improving an engine's horsepower and torque production potential.

A properly fabricated Merge Collector significantly minimizes the exhaust gas velocity loss at the transition from primary tubes to the collector and as a result, the volumetric efficiency potential of an exhaust system is significantly improved.

To get maximum benefit from Merge Collectors, it is critical to conduct dyno tests to ensure your set up is able to realize its full potential.

VIBRANT PERFORMANCE STAINLESS STEEL FLEXIBLE COUPLINGS

Vibrant is a world leader in the design and manufacture of Stainless Steel Flexible Couplings. Vibrant Flexible Couplings are engineered to isolate vibration generated by the engine, thereby relieving stress on your vehicle's exhaust system. They are designed to reduce premature cracking of manifolds and downpipes and help extend the life of other components.



STAINLESS STEEL BELLOWS ASSEMBLIES (WITH SOLID LINER)



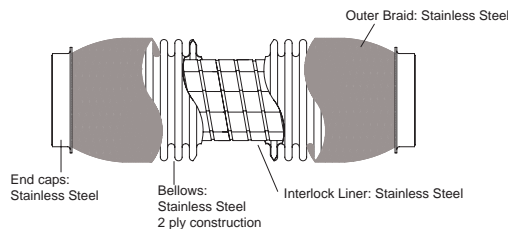
- Features a directional, smooth flow solid liner.
- Full T304 Stainless Steel construction, including weld necks.

Part No.	Inlet/Outlet I.D.	Flex Length
40057	1 1/2" (38.1mm)	2 3/4" (63.5mm)
40058	1 3/4" (44.9mm)	2 1/2" (63.5mm)
40056	1 7/8" (47.6mm)	2 3/4" (63.5mm)
40055S	2" (50.8mm)	3 1/4" (82.5mm)

TURBO FLEX WITH INTERLOCK LINER



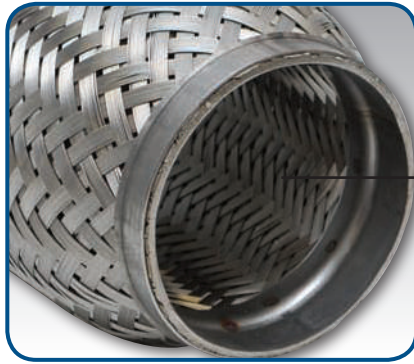
Vibrant's Turbo Flex Coupling features an internal Stainless Steel interlock liner to facilitate smooth flow of high temperature exhaust gases. Recommended for all high flowing, high temperature applications (e.g. forced induction).



Part No.	Inlet/Outlet I.D.	Flex Length
41533	1 3/4" (44.9mm)	4" (102mm)
42533	2" (51.3mm)	4" (102mm)
44533	2 1/4" (57.1mm)	4" (102mm)
45533	2 1/2" (63.5mm)	4" (102mm)
45666	2 1/2" (63.5mm)	6" (152mm)
45688	2 1/2" (63.5mm)	8" (203mm)
45700	2 1/2" (63.5mm)	10" (254mm)

Part No.	Inlet/Outlet I.D.	Flex Length
46644	3" (76.2mm)	4" (102mm)
46666	3" (76.2mm)	6" (152mm)
46688	3" (76.2mm)	8" (203mm)
46700	3" (76.2mm)	10" (254mm)
43568	3 1/2" (89mm)	8" (203mm)
46400	4" (101.6mm)	8" (203mm)
46411	4" (101.6mm)	10" (254mm)
46422	5" (127mm)	8" (203mm)
46433	5" (127mm)	10" (254mm)

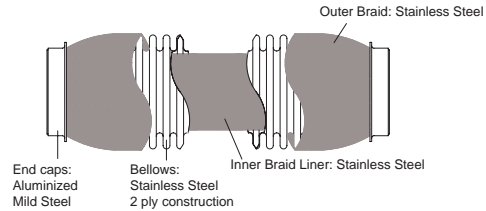
STANDARD FLEX COUPLING WITH INNER BRAID LINER



TECH TIP

Best Suited for Naturally Aspirated applications. Not recommended for Forced Induction Applications.

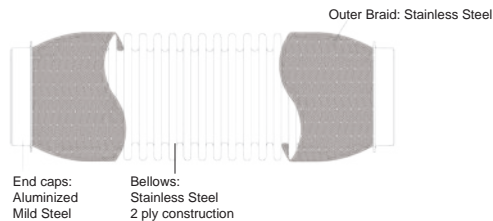
Vibrant Flex Couplings with Inner Braid Liner provide laminar flow while retaining flexibility in the coupling itself. The Inner Braid protects the bellows from premature failure, and is ideal for eliminating exhaust “whistle”.



Part No.	Inlet/Outlet I.D.	Flex Length
4044	1 1/2" (38.6mm)	4" (102mm)
4046	1 1/2" (38.6mm)	6" (152mm)
4048	1 1/2" (38.6mm)	8" (203mm)
4054	1 3/4" (44.9mm)	4" (102mm)
4056	1 3/4" (44.9mm)	6" (152mm)
40588S	1 3/4" (44.9mm)	8" (203mm)
4060	1 3/4" (44.9mm)	10 1/4" (260mm)
4254	2" (51.3mm)	4" (102mm)
4256	2" (51.3mm)	6" (152mm)
4258	2" (51.3mm)	8" (203mm)
42600S	2" (51.3mm)	10" (254mm)

Part No.	Inlet/Outlet I.D.	Flex Length
4454	2 1/4" (57.1mm)	4" (102mm)
44566S	2 1/4" (57.1mm)	6" (152mm)
4458	2 1/4" (57.1mm)	8" (203mm)
45544	2 1/2" (63.5mm)	4" (102mm)
4556	2 1/2" (63.5mm)	6" (152mm)
45588S	2 1/2" (63.5mm)	8" (203mm)
45600S	2 1/2" (63.5mm)	10" (254mm)
46544	3" (76.2mm)	4" (102mm)
46566	3" (76.2mm)	6" (152mm)
46568S	3" (76.2mm)	8" (203mm)

STANDARD FLEX COUPLING (WITHOUT INNER LINER)



Part No.	Inlet/Outlet I.D.	Flex Length
4011	1 1/2" (38.6mm)	4" (102mm)
40044S	1 3/4" (44.9mm)	4" (102mm)
40066S	1 3/4" (44.9mm)	6" (152mm)
40088S	1 3/4" (44.9mm)	8" (203mm)
40100S	1 3/4" (44.9mm)	10" (254mm)
42044S	2" (51.3mm)	4" (102mm)
4206	2" (51.3mm)	6" (152mm)
42088	2" (51.3mm)	8" (203mm)
42100S	2" (51.3mm)	10" (254mm)

Part No.	Inlet/Outlet I.D.	Flex Length
4404	2 1/4" (57.1mm)	4" (102mm)
44088S	2 1/4" (57.1mm)	8" (203mm)
4410	2 1/4" (57.1mm)	10" (254mm)
4506	2 1/2" (63.5mm)	6" (152mm)
4508	2 1/2" (63.5mm)	8" (203mm)
4510	2 1/2" (63.5mm)	10" (254mm)
46066	3" (76.2mm)	6" (152mm)
46088	3" (76.2mm)	8" (203mm)
46100	3" (76.2mm)	10" (254mm)

OBD1 CATALYTIC CONVERTERS

The Catalytic Converters on this page are suitable for use only on OBD1 vehicles (1995 or older), excluding those registered in California.

UNIVERSAL METAL CORE CATALYTIC CONVERTERS

Vibrant Performance Metal Core Catalytic Converters are made entirely of Stainless Steel and feature a monolith that is far more durable and capable of withstanding higher operating temperatures than a traditional ceramic catalyst. Enjoy up to a 40% improvement in exhaust gas flow over a typical ceramic core converter.

These converters are covered by a 5 year / 50,000 mile warranty (warranty applicable to outer shell only).

E.P.A. approved for OBD1 only (49 State only).

For use on engines up to 5.0L.

IMPORTANT: These Catalytic Converters are not for use on vehicles registered in California as a result of California Vehicle Code Sec. 27156 and 38391.



TECH TIP

An overly rich Air/Fuel ratio (i.e. 11.5:1 or lower) or operating temperatures exceeding 1200 degrees can cause premature catalytic converter failure, voiding the warranty.



Vibrant Universal Metal Core Race Converters feature an ultra high flow, 200 cell per square inch catalyst flowing at 578 CFM.

Part No.	Inlet/Outlet	Dimensions
7100	2 1/4"	4" O.D. x 10" long
7101	2 1/2"	4" O.D. x 10" long
7102	3"	4" O.D. x 10" long

UNIVERSAL CERAMIC CORE CATALYTIC CONVERTERS

Vibrant Performance Ceramic Core Catalytic Converters feature a substrate that flows more freely than a typical stock converter, thereby improving horsepower by reducing back pressure while still meeting E.P.A. requirements for OBD1 vehicles (49 State).

The shell is constructed from Stainless Steel and is covered by a 5 year / 50,000 mile warranty (warranty applicable to shell only).

IMPORTANT: These Catalytic Converters are not for use on vehicles registered in California as a result of California Vehicle Code Sec. 27156 and 38391.

Round ceramic core converters

Part No.	Inlet/Outlet	Dimensions
7000	2"	5 1/4" O.D. x 12" long
7001	2 1/4"	5 1/4" O.D. x 13" long
7038	2 1/2"	5 1/4" O.D. x 13" long
7039	3"	5 1/4" O.D. x 13" long

Oval ceramic core converters

Part No.	Inlet/Outlet	Dimensions
7002	2"	6 1/2" x 4" x 13" long
7003	2 1/4"	6 1/2" x 4" x 13" long
7013	2 1/2"	6 1/2" x 4" x 13" long
7029	3"	6 1/2" x 4" x 16" long



Please Note: Aftermarket converters are only permitted if your vehicle does not have a converter or if a government emissions testing program has determined that the existing converter needs replacement. It is prohibited by law in the United States and Canada to remove a properly functioning catalytic converter.

HIGH PERFORMANCE UNIVERSAL CATALYTIC CONVERTERS BY GESi®

Vibrant Performance is very pleased to announce that we have entered into a strategic alliance with Global Emissions Systems Inc. whereby Vibrant will have exclusive responsibility for the marketing and distribution of GESi® Universal High Performance Catalytic Converters.

GESi® is a Canadian company that is recognized as a global leader in the design, engineering and manufacturing of emission control systems for all types of fuel burning engines, whether it be spark, rotary or compression. Their technology has been proven effective on engines that burn all varieties of commercial fuels, including gasoline, propane, natural gas, diesel and bio-diesel.

GESi® is the brainchild of its co-founder and President/CEO, Eric Latino, who is a highly regarded Pro Mod drag racer and current holder of the Canadian class record. He co-developed the proprietary emissions reduction technology that sets GESi® catalytic converters apart. His goal was to offer a solution to owners of high performance vehicles who simply could not find catalytic converters capable of consistently surviving the conditions that those engines throw at them.

Vibrant and GESi® have teamed up to introduce a series of OBD2 (1996 and newer) catalytic converters that will offer up peace of mind, reliability and effective long term emission control solutions. Say goodbye to Check Engine Lights and failed emissions tests.



GESi® HIGH OUTPUT AND ULTRA HIGH OUTPUT UNIVERSAL OBD2 COMPLIANT CATALYTIC CONVERTERS

Installing an aftermarket Catalytic Converter on a High Performance vehicle can be a hit or miss proposition....Until Now! GESi® High Output (HO-series) and Ultra High Output (UHO-series) Universal Metal Core Catalytic Converters have been designed to provide a reliable solution to the most common converter problems experienced by our customers.

- EPA certified for use on OBD2 vehicles (1996 and newer). 49 State only!
- Full stainless steel construction, including the substrate which is furnace braised to the mantle for outstanding durability.
- Unique end-cap design locks substrate in so it can't rattle around.
- The GESi® proprietary precious metal loading technology ensures greatly reduced emissions, eliminating most "Check Engine Light" issues.
- Capable of withstanding up to 1500° F.
- Ideal for forced induction applications, with no loss of HP.
- Covered by a 5 year / 50,000 mile warranty (on shell and tube ends only)
- These are the best catalytic converters money can buy.



Please note: These catalytic converters are not legal for use on vehicles registered in California as a result of California Vehicle Code Sec. 27156 and 38391.

HO-series Catalytic Converters (rated for 350-500HP)

Part No.	Inlet/Outlet	Dimensions
7525	2 1/2"	4" O.D., 4" Body Length (7" overall length)
7530	3"	4" O.D., 4" Body Length (7" overall length)

UHO-series Catalytic Converters (rated for 500-850HP)

Part No.	Inlet/Outlet	Dimensions
7830	3"	4 1/2" O.D., 4" Body Length (7 1/2" overall length)
7840	4"	4 1/2" O.D., 4" Body Length (7 1/2" overall length)

GESi® UNIVERSAL CERAMIC CORE CATALYTIC CONVERTERS



These GESi® Ceramic Core Catalytic Converters feature the same precious metal loading technology incorporated into the High Output metal core converters listed above. We use a large, high flowing ceramic honeycomb catalyst that performs significantly better than a typical stock converter and will put an end to most "Check Engine Light" problems. The external shell features full stainless steel construction, including a mirror polished heat shield. Covered by a 5 year / 50,000 mile warranty (on shell and tube ends only).

Part No.	Inlet/Outlet	Dimensions
7225	2 1/2"	7 1/4" x 3 3/4" oval, 12" Body Length (18" overall length)
7230	3"	7 1/4" x 3 3/4" oval, 12" Body Length (18" overall length)

Please note: These catalytic converters are not legal for use on vehicles registered in California as a result of California Vehicle Code Sec. 27156 and 38391.

V-BAND FLANGE ASSEMBLIES

V-Band Flanges are an excellent alternative to traditional flanged or slip fit tube connections. Offering a low profile and modular connection, V-Band Flange Assemblies work especially well under operating conditions involving stress, vibration and significant temperature fluctuations. The V-Band clamp design allows for a quick release, gasket free seal as well as superior positive retention vs. other tube coupling methods.

Vibrant V-Band Flanges feature a unique "Male/Female" design to ensure proper alignment inside the clamp. Flanges are available in both T304 Stainless Steel or T6061 Billet Aluminum construction. V-Band Clamps are made from 300 series Stainless Steel.



Vibrant V-band Flanges feature a unique male/female locking design to ensure proper flange alignment

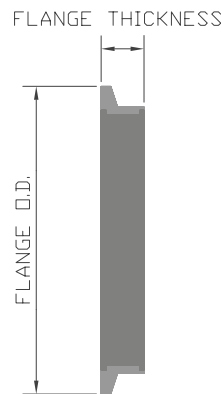
STAINLESS STEEL V-BAND FLANGE ASSEMBLIES

(Includes 2 Stainless Steel V-Band Flanges and 1 V-Band Clamp).

Part No.	Description
1486	S.S. V-Band Flange Assembly for 1 1/2" O.D. Tubing
1487	S.S. V-Band Flange Assembly for 1 3/4" O.D. Tubing
1488	S.S. V-Band Flange Assembly for 2" O.D. Tubing
1489	S.S. V-Band Flange Assembly for 2 1/4" O.D. Tubing
1497	S.S. V-Band Flange Assembly for 2 3/8" O.D. Tubing
1490	S.S. V-Band Flange Assembly for 2 1/2" O.D. Tubing
1496	S.S. V-Band Flange Assembly for 2 3/4" O.D. Tubing
1491	S.S. V-Band Flange Assembly for 3" O.D. Tubing
1492	S.S. V-Band Flange Assembly for 3 1/2" O.D. Tubing
1493	S.S. V-Band Flange Assembly for 4" O.D. Tubing
1494	S.S. V-Band Flange Assembly for 5" O.D. Tubing

STAINLESS STEEL V-BAND FLANGES, INDIVIDUAL

Description	Flange O.D.	Flange Thk.	T304 S.S. Flange Part No.
V-Band Flange for 1 1/2" O.D. Tubing	52mm	9/16"	1486S
V-Band Flange for 1 3/4" O.D. Tubing	59mm	9/16"	1487S
V-Band Flange for 2" O.D. Tubing	65mm	9/16"	1488S
V-Band Flange for 2 1/4" O.D. Tubing	71mm	9/16"	1489S
V-Band Flange for 2 3/8" O.D. Tubing	81mm	5/8"	1497S
V-Band Flange for 2 1/2" O.D. Tubing	81mm	5/8"	1490S
V-Band Flange for 2 3/4" O.D. Tubing	96mm	5/8"	1496S
V-Band Flange for 3" O.D. Tubing	96mm	5/8"	1491S
V-Band Flange for 3 1/2" O.D. Tubing	105mm	5/8"	1492S
V-Band Flange for 4" O.D. Tubing	117mm	5/8"	1493S
V-Band Flange for 5" O.D. Tubing	146mm	5/8"	1494S



ALUMINUM V-BAND FLANGE ASSEMBLIES

(Includes 2 Aluminum V-Band Flanges, 1 Stainless Steel V-Band Clamp and 1 Viton® O-Ring)



Part No.	Description
11488	Aluminum V-Band Flange Assembly for 2" O.D. Tubing
11490	Aluminum V-Band Flange Assembly for 2 1/2" O.D. Tubing
11491	Aluminum V-Band Flange Assembly for 3" O.D. Tubing
11492	Aluminum V-Band Flange Assembly for 3 1/2" O.D. Tubing
11493	Aluminum V-Band Flange Assembly for 4" O.D. Tubing

Just like our Stainless Steel V-Band assemblies, Vibrant Aluminum V-band Flange Kits feature a unique male/female locking design to ensure proper flange alignment

ALUMINUM V-BAND FLANGES, INDIVIDUAL

Description	Flange O.D.	Flange Thk.	Aluminum Flange Part No.	Replacement O-Ring Part No.
V-Band Flange for 2" O.D. Tubing	65mm	9/16"	11488S	11488R
V-Band Flange for 2 1/2" O.D. Tubing	81mm	5/8"	11490S	11490R
V-Band Flange for 3" O.D. Tubing	96mm	5/8"	11491S	11491R
V-Band Flange for 3 1/2" O.D. Tubing	105mm	5/8"	11492S	11492R
V-Band Flange for 4" O.D. Tubing	117mm	5/8"	11493S	11493R



Viton® O-Ring included. Replacement O-Rings are now also available.

STAINLESS STEEL V-BAND CLAMPS (QUICK RELEASE)

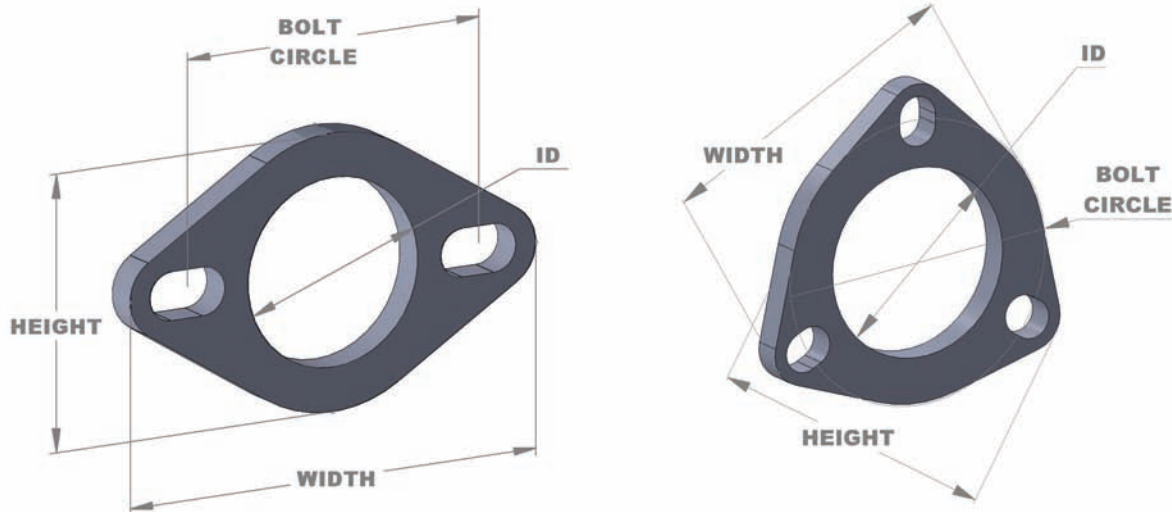
- Features complete 300 series Stainless Steel Construction
- Hardware has been upgraded for added durability



Part No.	Description
1486C	S.S. V-Band Clamp Assembly for 1 1/2" V-Band Flanges
1487C	S.S. V-Band Clamp Assembly for 1 3/4" V-Band Flanges
1488C	S.S. V-Band Clamp Assembly for 2" V-Band Flanges
1489C	S.S. V-Band Clamp Assembly for 2 1/4" V-Band Flanges
1490C	S.S. V-Band Clamp Assembly for 2 3/8" & 2 1/2" V-Band Flanges
1491C	S.S. V-Band Clamp Assembly for 2 3/4" & 3" V-Band Flanges
1492C	S.S. V-Band Clamp Assembly for 3 1/2" V-Band Flanges
1493C	S.S. V-Band Clamp Assembly for 4" V-Band Flanges
1494C	S.S. V-Band Clamp Assembly for 5" V-Band Flanges

STAINLESS STEEL EXHAUST FLANGES

Vibrant Performance Stainless Steel Exhaust Flanges are available in sizes ranging from 2" to 4" I.D. (inside diameter) and a choice of 2 and 3 bolt configurations. All flanges are 3/8" (10mm) thick. Vibrant Flanges can be purchased in bulk (boxes of 5) or individually.



2 BOLT EXHAUST FLANGE APPLICATION LIST

Description	Box of 5	Single Unit	Width	Height	Bolt Circle	Thickness	Matching Gasket
2 Bolt Flange (2" ID)	1470	1470S	4.9" (125mm)	3" (76mm)	3.5" (89mm)	3/8" (10mm)	1455
2 Bolt Flange (2.25" ID)	1471	1471S	5.25" (133mm)	3.5" (89mm)	4" (100mm)	3/8" (10mm)	1456
2 Bolt Flange (2.5" ID)	1472	1472S	5.25" (133mm)	3.5" (89mm)	4" (100mm)	3/8" (10mm)	1457
2 Bolt Flange (2.75" ID)	1474	1474S	5.25" (133mm)	3.66" (93mm)	3.89" (99mm)	3/8" (10mm)	1465
2 Bolt Flange (3" ID)	1473	1473S	5.05" (128mm)	3.70" (94mm)	4.15" (105mm)	3/8" (10mm)	1458
2 Bolt Flange (4" ID)	1475	1475S	6.00" (152mm)	4.40" (111mm)	5.00" (127mm)	3/8" (10mm)	1459

3 BOLT EXHAUST FLANGE APPLICATION LIST

Description	Box of 5	Single Unit	Width	Height	Bolt Circle	Thickness	Matching Gasket
3 Bolt Flange (2.25" ID)	1481	1481S	3.9" (99mm)	3.9" (99mm)	3.25" (82mm)	3/8" (10mm)	1461
3 Bolt Flange (2.5" ID)	1482	1482S	3.9" (99mm)	3.9" (99mm)	3.42" (87mm)	3/8" (10mm)	1462
3 Bolt Flange (2.75" ID)	1485	1485S	4.15" (105mm)	4.15" (105mm)	3.42" (87mm)	3/8" (10mm)	1466
3 Bolt Flange (3" ID)	1483	1483S	4.37" (111mm)	4.31" (109mm)	3.88" (98mm)	3/8" (10mm)	1463
3 Bolt Flange (3.5" ID)	1484	1484S	4.82" (122mm)	4.69" (119mm)	4.46" (113mm)	3/8" (10mm)	1464

Vibrant Performance now offers Stainless Steel flanges designed to match our Oval tubing (page 49)



EXHAUST GASKETS (2 BOLT AND 3 BOLT)

Vibrant Performance multi-layer Graphite Gaskets help ensure a proper, leak-free seal for your 2 bolt and 3 bolt flanged connections. These gaskets are suitable for high temperature service and are available in sizes ranging from 2" to 4" ID.



GASKETS FOR 2 BOLT FLANGES

Part No.	Description
1455	2" I.D. Gasket
1456	2 1/4" I.D. Gasket
1457	2 1/2" I.D. Gasket
1465	2 3/4" I.D. Gasket
1458	3" I.D. Gasket
1459	4" I.D. Gasket

GASKETS FOR 3 BOLT FLANGES

Part No.	Description
1461	2 1/4" I.D. Gasket
1462	2 1/2" I.D. Gasket
1466	2 3/4" I.D. Gasket
1463	3" I.D. Gasket
1464	3 1/2" I.D. Gasket

CUSTOM EXHAUST ACCESSORIES (CONTINUED)

TC SERIES EXHAUST COUPLERS

Vibrant Performance is pleased to offer genuine Torca® Stainless Steel TC Series High Performance Exhaust Couplers, which allow for very secure sealing of butt-joint connections.



Part No.	Description
1171	S.S. Sleeve Clamp for 2 1/2" O.D. Tubing
1176	S.S. Sleeve Clamp for 2 3/4" O.D. Tubing
1177	S.S. Sleeve Clamp for 3 1/2" O.D. Tubing



EASY SEAL EXHAUST SLEEVE CLAMPS

Vibrant Performance is pleased to offer genuine Torca® Stainless Steel Easy Seal Exhaust Sleeve Clamps. These clamps provide a simple, effective way to connect exhaust system components. Fast, easy and accurate installation - there's no need to separate pipes before clamping.

Part No.	Description
1179	S.S. Sleeve Clamp for 2" O.D. Tubing
1170	S.S. Sleeve Clamp for 2 1/4" O.D. Tubing
1172	S.S. Sleeve Clamp for 3" O.D. Tubing (works with 3" oval tubing)
1174	S.S. Seal Clamp for 3 1/2" O.D. Tubing (works with 3 1/2" oval tubing)
1178	S.S. Seal Clamp for 4" O.D. Tubing (works with 4" oval tubing)

Torca® Easy Seal Clamps also permit effective clamping of Vibrant Performance 3", 3 1/2" and 4" nominal oval tubing.

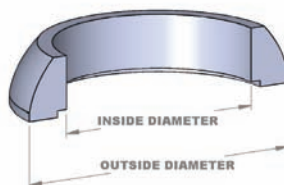
EXHAUST SEAL CLAMPS

Vibrant Performance is pleased to offer genuine Torca® Stainless Steel Accuseal Exhaust Clamps, which provide for superior clamping and sealing of overlap joints without permanently distorting the exhaust tubing.

Part No.	Description
1163	S.S. Seal Clamp for 2" O.D. Tubing (1" wide band)
1164	S.S. Seal Clamp for 2 1/4" O.D. Tubing (1" wide band)
1166	S.S. Seal Clamp for 2 1/2" O.D. Tubing (1" wide band)
1169	S.S. Seal Clamp for 2 3/4" O.D. Tubing (1" wide band)
1167	S.S. Seal Clamp for 3" O.D. Tubing (1" wide band)
1162	S.S. Seal Clamp for 3 1/2" O.D. Tubing (1" wide band)
1168	S.S. Seal Clamp for 4" O.D. Tubing (1 1/4" wide band)



DONUT STYLE EXHAUST GASKETS



Part No.	Slipover I.D.	Gasket O.D.	Height
2599B	2.55"	3.29"	5/8"
10108G	2.53"	3.37"	1/2"
10530	2.30"	2.70"	5/8"
10531	2.03"	2.53"	5/8"
10532	2.03"	2.59"	1/2"
10533	1.78"	2.34"	1/2"

CUSTOM EXHAUST ACCESSORIES

Vibrant Performance offers a wide assortment of custom exhaust accessories to help you complete any project.

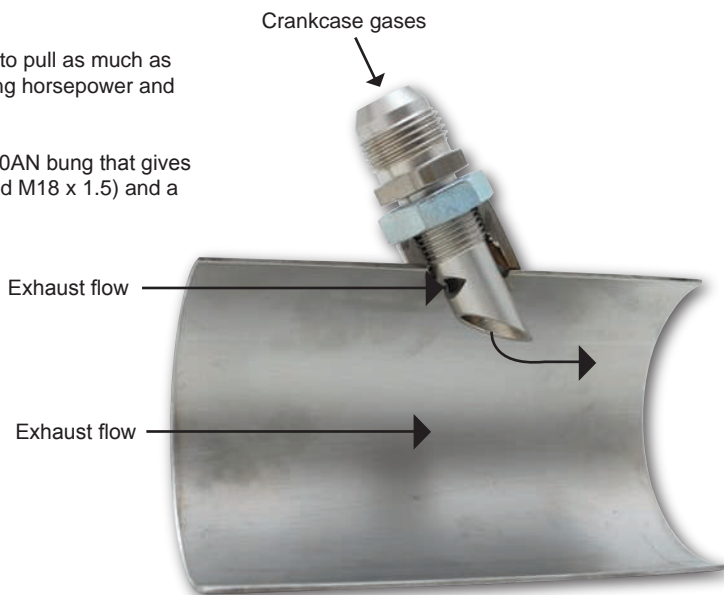
E-VAC SCAVENGER

Vibrant Performance E-Vac Scavenger kits are designed to pull as much as 3 inch lbs. of vacuum from a typical race engine, improving horsepower and reducing crankcase pressure.

Each kit includes an E-Vac fitting (with integrated Male -10AN bung that gives you more installation options), an angled O2 Bung (tapped M18 x 1.5) and a threaded plug.



Part No.: 1189 (Stainless Steel E-Vac scavenger kit)
 Part No.: 11189 (Mild Steel E-Vac scavenger kit)



BILLET ALUMINUM CHECK VALVE

Part No.: 11190 (Aluminum Check Valve with integrated -8AN fittings)
 Part No.: 11191 (Aluminum Check Valve with integrated -10AN fittings)

OXYGEN SENSOR RESTRICTOR FITTING WITH ADJUSTABLE GAS FLOW INSERTS

- This fitting has proven to be effective in helping clear stubborn CEL and is simple to install.
- Male end of the fitting threads into a standard M18 x 1.5 O2 Bung.
- A standard O2 Sensor threads into the female end of this fitting.
- Insert one of the three included inserts to restrict exhaust gas flow to the O2 Sensor and retain in place with included clip.
- Full T304 Stainless Steel Construction.



Part No.: 11621



J-STYLE OXYGEN SENSOR RESTRICTOR FITTING WITH ADJUSTABLE GAS FLOW INSERTS

- This J-Style Restrictor Fitting works just like our original design but allows for easier installation when clearance under the vehicle is an issue.
- Includes jam nut to allow for 360° indexing.
- Full T304 Stainless Steel Construction.

Part No.: 11619

EXHAUST SENSOR FITTINGS



OXYGEN SENSOR FITTING
T304 STAINLESS STEEL
AND MILD STEEL
M18 X 1.5 THREAD

Part No.	Material	Package Quantity
1194A	T304 Stainless Steel	Single Unit, Retail Pack
1194	T304 Stainless Steel	Box of 5, Bulk Pack
11194	T304 Stainless Steel	Box of 100, Bulk Pack
11105	Mild Steel	Single Unit, Retail Pack
11103	Mild Steel	Box of 5, Bulk Pack
11104	Mild Steel	Box of 100, Bulk Pack



WELD ON "J" STYLE
OXYGEN SENSOR FITTING
T304 STAINLESS STEEL
M18 X 1.5 THREAD

- Helps Avoid Check Engine Lights



THREAD-ON "J" STYLE
OXYGEN SENSOR FITTING
T304 STAINLESS STEEL
M18 X 1.5 THREAD

- Includes jam nut to allow for 360° indexing
- Threads into existing M18 x 1.5 O2 Bungs to help eliminate CEL.

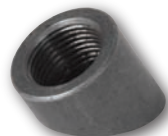
Part No.	Material	Package Quantity
1192	T304 Stainless Steel	Single Unit, Retail Pack

Part No.	Material	Package Quantity
11620	T304 Stainless Steel	Single Unit, Retail Pack



SADDLE STYLE
OXYGEN SENSOR FITTING
T304 STAINLESS STEEL
M18 X 1.5 THREAD

- Radiused design allows for a cleaner weld to tubing.



45° ANGLED
OXYGEN SENSOR FITTING
T304 STAINLESS STEEL
M18 X 1.5 THREAD

Part No.	Material	Package Quantity
1188	T304 Stainless Steel	Single Unit, Retail Pack
11188	T304 Stainless Steel	Box of 5, Bulk Pack

Part No.	Material	Package Quantity
1193A	T304 Stainless Steel	Single Unit, Retail Pack
1193	T304 Stainless Steel	Box of 5, Bulk Pack



THREADED HEX BOLT
ZINC PLATED MILD STEEL

- Fits all M18 x 1.5 Threaded Bungs



EGT SENSOR FITTING,
T304 STAINLESS STEEL
1/8" NPT THREAD

Please note:
 A 1/8" NPT threaded plug is available for this bung (Part No. 11147)

Part No.	Material	Package Quantity
1195A	Zinc Plated Mild Steel	Single Unit, Retail Pack
1195	Zinc Plated Mild Steel	Box of 5, Bulk Pack
11195	Zinc Plated Mild Steel	Box of 100, Bulk Pack

Part No.	Material	Package Quantity
1197	T304 Stainless Steel	Single Unit, Retail Pack

OXYGEN SENSOR SOCKET TOOL

This cut-away socket tool is designed to clear the O2 Sensor wire and simplify removal or installation of O2 sensors. This sturdy tool is manufactured to withstand the installation torque requirements. Features a 3/8" drive receiver.



Part No. 11148

CUSTOM EXHAUST ACCESSORIES (CONTINUED)

STAINLESS STEEL HANGER RODS (O.E. STYLE)

Part No.	Description
1198	Box of 10, Stainless Steel Hangers (3/8" dia. x 11" long)
1199	Box of 10, Stainless Steel Hangers (1/2" dia. x 11" long)



EXHAUST HANGER ROD CLIPS

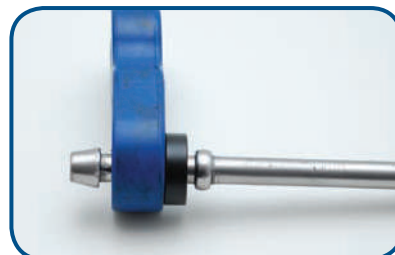
A simple solution for a common problem. Universal Hanger Rods often do not match the width of the rubber exhaust hanger, allowing the exhaust to slide back and forth unnecessarily.

Vibrant's new Hanger Rod Clips, made from Delrin, help solve this problem by filling the gap, as pictured below.

Part No.	Description
1198C	Pack of 2, Hanger Rod Clips for 3/8" O.D. rod
1199C	Pack of 2, Hanger Rod Clips for 1/2" O.D. rod



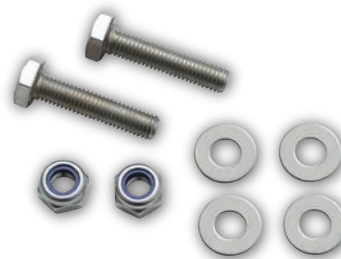
INNER SILENCERS



STAINLESS STEEL FASTENERS



Part No.	Description
1184	3.90" O.D. Low Restriction Inner Silencer for all TPV Universal Mufflers (2 1/2" dia. tuning tube)



Part No.	Description
1450A	Package of 2 fastener sets (2 x M10 bolts, 2 x M10 nuts, & 4 washers)
1450B	Bulk Package of 25 fastener sets (25 x M10 bolts, 25 x M10 nuts, & 100 washers)

SPRING BOLT KITS



10mm GM Style Spring Bolt Kit

Part No.	Application
10112	2 bolt, 10mm GM style Spring Bolt Kit (2 bolts, 2 nuts & 2 springs)
10113	3 bolt, 10mm GM style Spring Bolt Kit (3 bolts, 3 nuts & 3 springs)



Part No.	Description
2599S	2 bolt, M10 x 1.5 Honda style Spring Bolt Kit (2 bolts, 2 nuts & 2 springs)

FABRICATION TOOLS

The tech team at Vibrant Performance is always thinking about how to make a fabricator's job easier. With that in mind, we have assembled a small assortment of convenient, well made and cost effective tools that will appeal to both the most advanced and the most novice fabricator.

MANUAL BEAD ROLLER

This sturdy tool makes it easy to add a professional looking bead to all types of tubing.

Great for Aluminum up to 16 gauge wall thickness (0.065" or 1.65mm). Steel/Stainless Steel should be no thicker than 18 gauge (0.050" or 1.25mm).

Made from high quality steel and aluminum components, this assembly comes complete with everything you need straight out of the box. No extra tools are required.

Minimum tube diameter to use on this bead roller is 3/4" OD. It produces a bead that is approximately 2mm tall and 6.5mm wide.



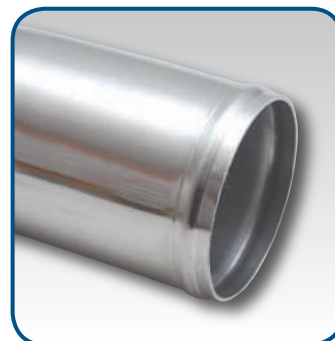
Part # 2990



Carrying case included



Makes bead rolling easy!

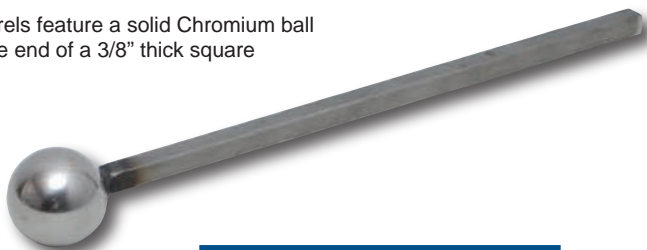


Produces a bead that is approx 2mm tall and 6.5mm wide

SWAGING MANDRELS

Swaging mandrels are used to keep weld joints on bends true when the wall profile springs out of round in the middle of an arc after a cut has been made.

These mandrels feature a solid Chromium ball bearing at the end of a 3/8" thick square rod handle.



Part No.	Description
2985	1 1/4" Swaging Mandrel
2986	1 5/8" Swaging Mandrel

TECH TIP

For best results, tack weld your joint as best as you can, preferably in multiple spots (give extra emphasis to high step areas).

Slide the mandrel inside the pipe, straddling the joint, and hammer it flush from the outside. Clean the weld area with a Scotch Bright pad and then complete the weld. This will create a better flow between weld joints and eliminate a step in your weld joint.

STAINLESS STEEL RESONATORS

ULTRA QUIET DESIGN

The Vibrant Performance Ultra Quiet Resonator is constructed from T304 Stainless Steel and features a “True Straight Through” perforated core that is surrounded by our premium multi-layer sound suppression materials. The Ultra Quiet Resonator features a larger sound chamber than our standard resonators to further reduce exhaust tone.



“True Straight Through”
Stainless Steel perforated core



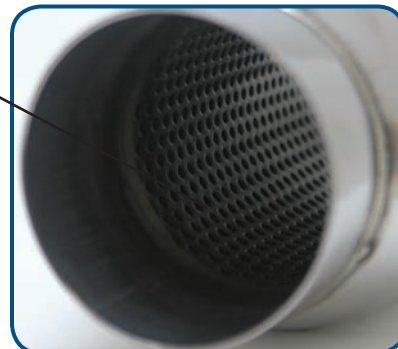
Part No.	Inlet/Outlet	Dimensions
1140	2 1/4"	4 1/2" x 6 3/4" x 14" overall length
1141	2 1/2"	4 1/2" x 6 3/4" x 14" overall length
1142	3"	4 1/2" x 6 3/4" x 14" overall length

STANDARD DESIGN

Vibrant Performance Resonators are constructed from T304 Stainless Steel and feature a “True Straight Through” perforated core for unrestricted exhaust flow while still noticeably reducing exhaust dB levels.



“True Straight
Through” Stainless
Steel perforated core



Part No.	Inlet/Outlet	Dimensions
1790	2 1/4"	3 1/2" O.D. x 12" overall length
1791	2 1/4"	3 1/2" O.D. x 18" overall length
1792	2 1/2"	4" O.D. x 12" overall length
1793	2 1/2"	4" O.D. x 18" overall length
17930	2 1/2"	5" O.D. x 18" overall length
1794	3"	4" O.D. x 12" overall length
1795	3"	4" O.D. x 18" overall length
17950	3"	5" O.D. x 18" overall length
17970	3 1/2"	5" O.D. x 18" overall length
17960	4"	5" O.D. x 18" overall length

STAINLESS STEEL RACE MUFFLERS

Vibrant Performance Race Mufflers are designed to comply with muffler requirement rules at race tracks throughout North America. Constructed from T304 Stainless Steel and fully tig welded, these mufflers offer excellent durability and corrosion resistance. Lightweight and compact, Vibrant Race Mufflers feature a "True Straight Through" perforated core that is designed to reduce noise levels without performance loss.

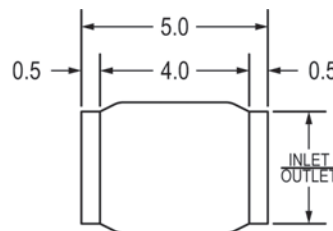
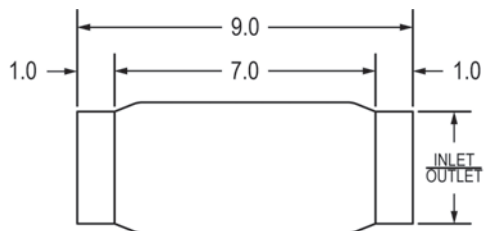


9" LONG RACE MUFFLERS

Part No.	Inlet/Outlet	Dimensions	Unit Weight
1769	3"	3 3/4" O.D. x 9" Long	1.7 lbs
1796	3 1/2"	4 1/4" O.D. x 9" Long	1.9 lbs
1797	4"	4 3/4" O.D. x 9" Long	2.2 lbs
1799	5"	5 3/4" O.D. x 9" Long	2.7 lbs

5" LONG RACE MUFFLERS

Part No.	Inlet/Outlet	Dimensions	Unit Weight
17695	3"	3 3/4" O.D. x 5" Long	1.1 lbs
17965	3 1/2"	4 1/4" O.D. x 5" Long	1.2 lbs
17975	4"	4 3/4" O.D. x 5" Long	1.4 lbs
17985	4 1/2"	5 1/8" O.D. x 5" Long	1.6 lbs
17995	5"	5 3/4" O.D. x 5" Long	1.7 lbs



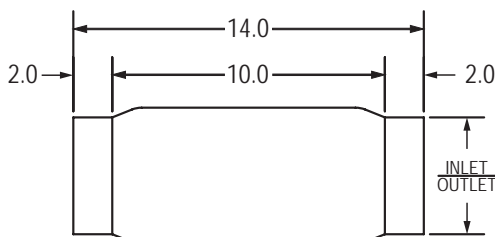
All dimensions in inches

LIGHTWEIGHT ALUMINUM MUFFLERS

Aluminum is quickly becoming the material of choice for street class racers and other performance enthusiasts who are looking to shave significant weight from their vehicle's exhaust system at a reasonable cost compared to other lightweight material options.

For those consumers, Vibrant offers our line of T6061 Aluminum Mufflers, with inlet/outlet sizes ranging from 2 1/2" to 4". These lightweight mufflers feature tig welded seams and our premium sound suppression packing materials wrapped around the large diameter "True Straight Through" internal perforated core.

Part No.	Inlet/Outlet	Dimensions	Unit Weight
12903	2 1/2"	5" O.D. x 14" Long	1.6 lbs
12900	3"	5" O.D. x 14" Long	1.7 lbs
12901	3 1/2"	5" O.D. x 14" Long	1.9 lbs
12902	4"	6" O.D. x 14" Long	2.4 lbs



All dimensions in inches

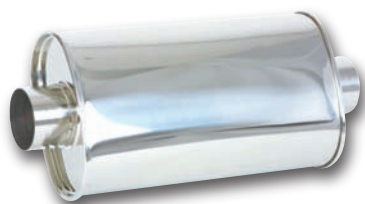


STAINLESS STEEL UNIVERSAL PERFORMANCE MUFFLERS

Vibrant Performance Stainless Steel Universal Performance Mufflers are made from T304 Stainless Steel. Our "True Straight Through" internals feature a Stainless Steel perforated tube that is wrapped in our premium quality, multi-layer sound suppression material. This design produces a deep tone and allows for unrestricted flow and maximum horsepower. All StreetPower Universal Mufflers are reversible giving the professional installer the flexibility needed for custom exhaust fabrication.



Photo courtesy of Dave Pratte



Part No.	Muffler Dimensions	Inlet / Outlet
1102	5" x 9" x 15" Lg.	2 1/2"

Part No.	Muffler Dimensions	Inlet / Outlet
1106	5" x 9" x 15" Lg.	2 1/2"

Part No.	Muffler Dimensions	Inlet / Outlet
1126	5" x 9" x 15" Lg.	2 1/2"

1103	5" x 9" x 15" Lg.	3"
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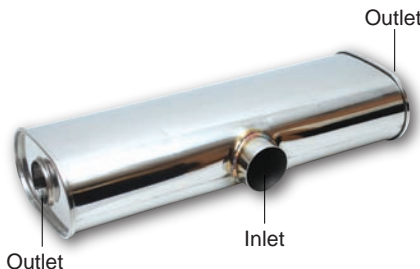
1107	5" x 9" x 15" Lg.	3"
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1127	5" x 9" x 15" Lg.	3"
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center - center

center - offset

offset - offset



Part No.	Muffler Dimensions	Inlet / Outlet
1110	5" x 9" x 15" Lg.	2 1/2" / Dual 2 1/4"

Part No.	Muffler Dimensions	Inlet / Outlet
1118	6" O.D. x 14" Lg.	2 1/2"

Part No.	Muffler Dimensions	Inlet / Outlet
10632	6" x 10" x 24" Lg.	3" / Dual 2 1/2"

1111	5" x 9" x 15" Lg.	3" / Dual 2 1/2"
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1119	6" O.D. x 14" Lg.	3"
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10633	6" x 10" x 24" Lg.	2 1/2" / Dual 2 1/4"
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10635	6" x 10" x 24" Lg.	3 1/2" / Dual 3"
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center - dual

center - center

center in - split dual out

Vibrant Performance Flat Black Universal Mufflers feature 100% Stainless Steel construction and our "True Straight Through" internals for unrestricted exhaust gas flow. The perforated core is surrounded by our premium quality sound suppression material that produces a low, deep tone. These stealthy mufflers are great for avoiding unwanted attention.



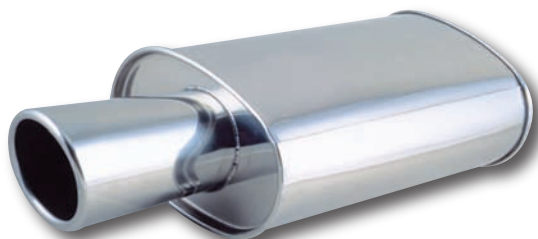
SINGLE OUTLET

Part No.	Muffler Dimensions	Inlet / Outlet
1145	5" x 9" x 15" Lg	2 1/4" / 3"
1146	5" x 9" x 15" Lg	2 1/2" / 3"
1147	5" x 9" x 15" Lg	3" / 3"
1153	5" x 9" x 15" Lg	3 1/2" / 3 1/2"
1154	5" x 9" x 15" Lg	4" / 4"

DUAL OUTLET

Part No.	Muffler Dimensions	Inlet / Outlet
1148	5" x 9" x 15" Lg	2 1/2" x Dual 3"
1149	5" x 9" x 15" Lg	3" x Dual 3"
1155	5" x 9" x 15" Lg	4" x Dual 3"

StreetPower Universal Performance Mufflers offer a perfect balance of subtle styling and all out power. These mufflers are constructed from T304 Stainless Steel for optimum durability and corrosion resistance. Each oval bodied muffler shell is densely packed with our premium multi-layer sound suppression material that produces a very distinctive deep exhaust note. Suitable for both Naturally Aspirated and Forced Induction applications.

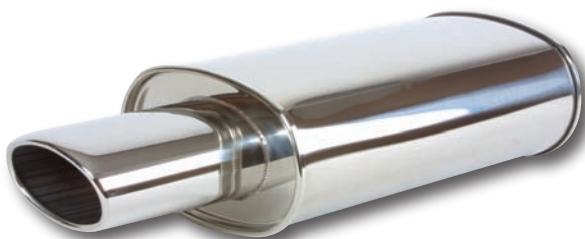


Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1046	5" x 9" Oval, 23" Overall Lg.	2.5"	4" O.D., Single Wall, Angle Cut, Rolled Edge

Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1032	5" x 9" Oval, 23" Overall Lg.	2.5"	Dual 3-1/2" O.D., Double Wall, Angle Cut, Rolled Edge

1042	5" x 9" Oval, 23" Overall Lg.	3"	4" O.D., Single Wall, Angle Cut, Rolled Edge
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1043	5" x 9" Oval, 23" Overall Lg.	3"	Dual 3-1/2" O.D., Double Wall, Angle Cut, Rolled Edge
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Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1034	5" x 9" Oval, 23" Overall Lg.	2.5"	4-1/2" x 3" Oval, Single Wall, Angle Cut, Rolled Edge

Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1040	5" x 9" Oval, 23" Overall Lg.	2.5"	Dual 3-1/2" O.D., Double Wall, Straight Cut, Beveled Edge

1045	5" x 9" Oval, 23" Overall Lg.	3"	4-1/2" x 3" Oval, Single Wall, Angle Cut, Rolled Edge
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1047	5" x 9" Oval, 23" Overall Lg.	3"	Dual 3-1/2" O.D., Double Wall, Straight Cut, Beveled Edge
------	-------------------------------	----	---

TPV UNIVERSAL MUFFLERS

Vibrant Performance TPV Universal Mufflers are designed to withstand the extreme demands of high performance vehicles. Each TPV muffler features T304 Stainless Steel construction and are fully TIG welded for maximum weld durability. These lightweight mufflers also feature our signature "True Straight Through" internals for optimized exhaust flow and maximum power gains. We densely pack all TPV mufflers with our premium multi-layer sound suppression materials to ensure a low, deep exhaust note. Suitable for both Naturally Aspirated and Forced Induction applications.



Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1056	6-1/4" O.D. x 23" Overall Lg.	2.5"	4" O.D., Angle Cut
1058	6-1/4" O.D. x 23" Overall Lg.	3"	4" O.D., Angle Cut
1090	6-1/4" O.D. x 21 1/2" Overall Lg.	4"	4" O.D., Angle Cut



Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1057	6-1/4" O.D. x 23" Overall Lg.	2.5"	4" O.D., Straight Cut
1059	6-1/4" O.D. x 23" Overall Lg.	3"	4" O.D., Straight Cut
1091	6-1/4" O.D. x 21 1/2" Overall Lg.	4"	4" O.D., Straight Cut



Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1061	6-1/4" O.D. x 17" Overall Lg.	3"	4" O.D., Angle Cut



Part No.	Muffler Dimensions	Inlet Diameter	Exhaust Tip
1062	6-1/4" O.D. x 17" Overall Lg.	3"	4" O.D., Straight Cut

STAINLESS STEEL EXHAUST TIPS

All Vibrant exhaust tips are made of T304 Stainless Steel for optimum corrosion resistance and then go through a three stage polishing process for a brilliant, mirror-like finish.

ROUND EXHAUST TIPS (WELD-ON)



Style: Double Wall, Angle Cut, Rolled

Part No.	Outlet	Inlet I.D.	Length
1303	4"	2.25"	7.75"
1304	3.5"	2.25"	7.5"
1305	3"	2"	6.5"



Style: Double Wall, Angle Cut, Beveled

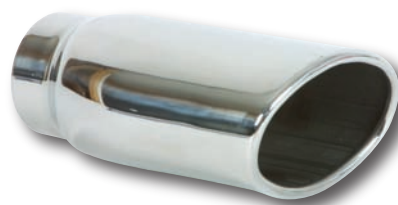
Part No.	Outlet	Inlet I.D.	Length
1207	4"	2.25"	7.75"
1226	3.5"	2.25"	7.5"
1209	3"	2"	6.5"

OVAL EXHAUST TIPS (WELD-ON)



Style: Single Wall, Angle Cut, Rolled

Part No.	Outlet	Inlet I.D.	Length
1405	5.5" x 3"	2.25"	7.75"



Style: Single Wall, Angle Cut, Rolled

Part No.	Outlet	Inlet I.D.	Length
1406	4.5" x 3"	2.5"	7.75"

DUAL OUTLET EXHAUST TIPS (WELD-ON)



Dual Round

Style: Single Wall, Angle Cut

Part No.	Outlet	Inlet I.D.	Length
1333	3.5"	2.5"	10"



Dual Round

Style: Single Wall, Angle Cut, Rolled

Part No.	Outlet	Inlet I.D.	Length
1329	3.5"	2.25"	10"



Dual Round

Style: Double Wall, Straight Cut, Beveled

Part No.	Outlet	Inlet I.D.	Length
1331	3.5"	2.25"	10"

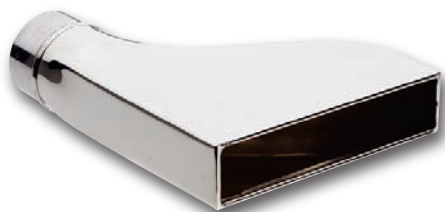


Dual Oval

Style: Single Wall, Angle Cut, Rolled

Part No.	Outlet	Inlet I.D.	Length
1335	3.25" x 2.25"	2.25"	10"

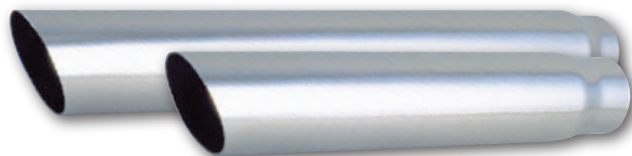
RECTANGULAR EXHAUST TIPS (WELD-ON)



Style: Single Wall, Camaro Style

Part No.	Outlet	Inlet I.D.	Length
1606	7.75" x 2"	2.5"	9.5"
1607	7.75" x 2"	2.25"	9.5"

TRUCK / SUV EXHAUST TIPS (WELD -ON)



Style: Single Wall, 15° Angle Cut

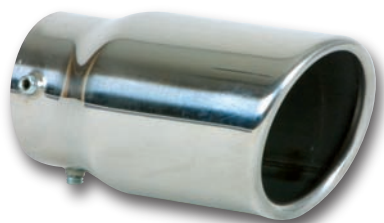
Part No.	Outlet	Inlet I.D.	Length
1551	3"	2.5"	18"
1559	3"	2.5"	11"
1553	3"	2.25"	18"
1558	3"	2.25"	11"
1554	3.5"	2.5"	20"
1556	3.5"	3"	20"
1561	3.5"	3"	11"
1555	4"	2.5"	20"
1557	4"	3"	20"
1562	5"	4"	11"



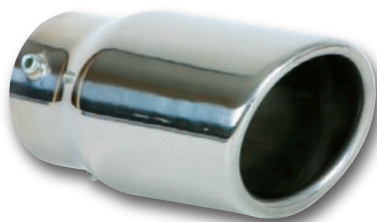
Style: Single Wall, 15° Angle Cut, Rolled

Part No.	Outlet	Inlet I.D.	Length
1576	3"	2.5"	18"
1575	3"	2.5"	11"
1579	3.5"	2.5"	18"
1578	3.5"	3"	11"
1583	4"	2.5"	18"

BOLT-ON EXHAUST TIPS



Style: Single Wall, Angle Cut, Rolled



Style: Single Wall, Angle Cut, Rolled



Style: Single Wall, Angle Cut, Rolled

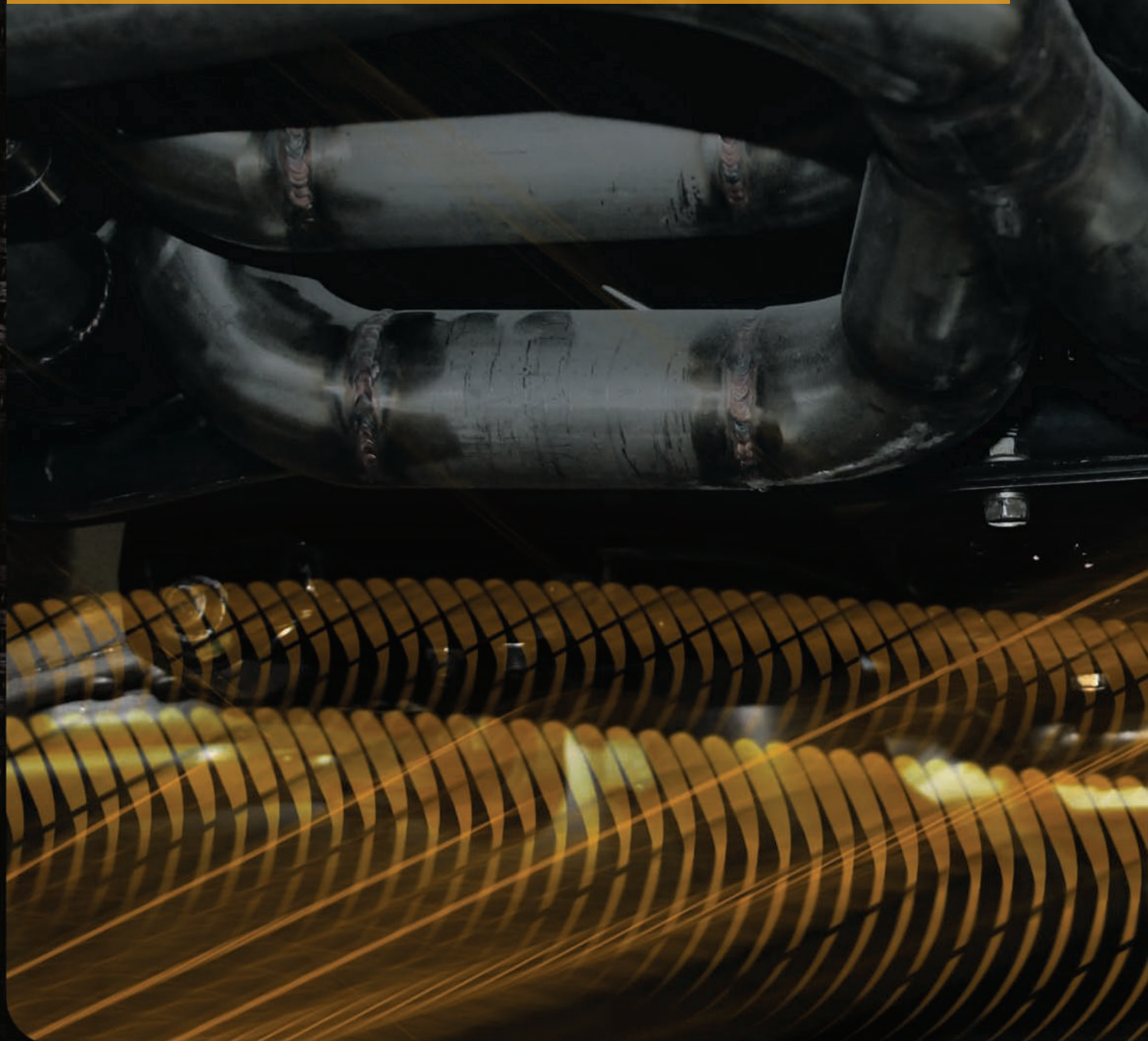
Part No.	Outlet	Inlet I.D.	Length
1503	3" (Round)	Fits up to 2.25" O.D.	5.5"

Part No.	Outlet	Inlet I.D.	Length
1504	3.25" x 2.75" (Oval)	Fits up to 2.25" O.D.	5"

Part No.	Outlet	Inlet I.D.	Length
1505	2.5" (Round)	Fits up to 2." O.D.	5"

PERFORMANCE EXHAUST

Since our inception, Vibrant Performance has specialized in the design and production of top quality direct fit Performance Exhaust Systems and Header Assemblies. Vibrant continues to offer a range of Stainless Steel Headers for some of the more popular sport compact models on the market today. Our collection of Exhaust System applications feature an OEM style design and a low deep exhaust note. Most importantly, all Vibrant Performance direct fit exhaust components free up significant horsepower and torque to allow your vehicle to reach its full potential.





STAINLESS STEEL HEADERS



4-2-1 HEADER FOR 2006-2010 HONDA CIVIC SI (COUPE AND SEDAN)

- Produces up to 20HP more than the stock manifold. Combine with our STREETPOWER cat-back systems for the 06+ Civic Si for even greater power gains.
- Features a huge 2-1/2" outlet.
- Available with High Flow Metal Core Catalytic Converter integrated into the outlet pipe. A Cat-Delete version is also available.

Part #2507 – Fits 2006-2010 Honda Civic Si (with Metal Core Cat)

Part #2508 – Fits 2006-2010 Honda Civic Si (Cat-Delete model)



J-SPEC RACE HEADER FOR HONDA B-SERIES ENGINES (B16 / B18 / B20)

J-Spec 4-1 Header Features:

- Engineered to maximize top-end power.
- Perfect for All-Motor race engines and supercharged applications.
- Exhaust gases flow through 45mm O.D. equal length primaries that merge into an offset 4-1 collector and exit through a huge 2-1/2" outlet.

Part #2509 – J-Spec Race Header, 4-1 Design



J-SPEC RACE HEADER FOR HONDA B-SERIES ENGINES (B16 / B18 / B20)

J-SPEC 4-2-1 Header Features:

- This lightweight race header has been designed to produce superior low and mid-range power while still making excellent power through VTEC.
- Also features 45mm O.D. primaries that merge into a 2" O.D. Y-pipe and finally exiting into a 2 1/2" outlet.
- Outstanding Ground Clearance

Part #2539 – J-Spec Race Header, 4-2-1 Design



J-SPEC HEADER INSTALLATION KIT

The J-Spec Header Installation Kit makes installing a Honda header with a 2-1/2" diameter outlet easier. This kit consists of a 2-bolt connecting flange (with a flared outlet neck) and a 2-1/2" I.D. donut style Graphite Gasket. This flange works with the OE Spring Bolts.

Part #2599 – J-Spec Header Installation Kit (Flange and Gasket)

Part #2599B – Graphite Donut Gasket (2 1/2" I.D.), sold separately

Part #2599S – 2-bolt spring bolt kit for J-Spec header installation kit.

In the event of a Check Engine Light, consider using one of Vibrant's unique O2 sensor bungs (such as part #11620 and #11621), which may help eliminate this problem. Results may vary. Please refer to pages 64-65 for more information about these products.

4-2-1 HEADER FOR HONDA H22 ENGINES

- This lightweight two piece header has been designed to produce power gains throughout the RPM band.
- Features 45mm O.D. primaries that merge into a 2" O.D. Y-pipe and finally exiting into a 2.5" outlet.
- Will bolt up to H22 equipped Honda Preludes and is also perfect for use on H22 swaps.
- Outstanding Ground Clearance

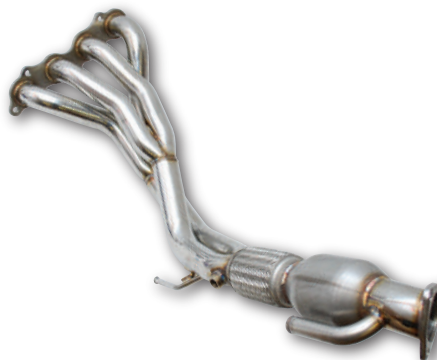
Part #2540



4-2-1 RACE HEADER FOR 2002-2004 ACURA RSX

- Featuring large 45mm primaries and 2-1/2" outlet for significant power gains.
- Bolts up to stock exhaust without modification.

Part #12577 – Fits 2002-2004 Acura RSX Type S (Cat-Delete model)
Part #12578 – Fits 2002-2004 Acura RSX Type S (with Metal Core Cat)



4-2-1 HEADER FOR 2004-2008 MAZDA3 (ALL MODELS)

- Produces up to 10HP more than the stock manifold.
- Includes O2 sensor relocation kit to avoid triggering annoying "Check Engine" lights.
- Significantly lighter than the stock manifold.

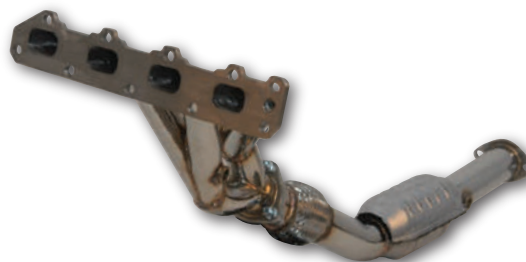
Part #2541 – Fits 2004-2008 Mazda3 (2.0L), Sedan and Hatchback
Part #2542 – Fits 2004-2008 Mazda3 (2.3L), Sedan and Hatchback



4-2-1 HEADER FOR 2005-2008 CHEVROLET COBALT SS SUPERCHARGED

- Replaces the restrictive OE manifold to produce power throughout the power band. Combine with our STREETPOWER 3" Cat-Back Exhaust System to produce horsepower gains you can feel.
- Includes a high flow metal core catalytic converter that is integrated into the downpipe for optimum exhaust flow while staying "street-legal". Cat delete model also available.
- Features a large 2-1/2" diameter outlet.
- Bolts up to stock exhaust without modification.

Part #2536 – Fits 2005-2008 Chevy Cobalt SS/SC (with metal cat)
Part #2543 – Fits 2005-2008 Chevy Cobalt SS/SC (cat-delete model)



Part No. 2536

TECH TIP

If installing header Part #2536, please ensure your vehicle's Air / Fuel ratio is no richer than 11.5:1. An overly rich Air / Fuel mixture can result in the premature failure of the metallic core converter.



Part No.	Application	Tubing O.D.	Tip Size/Style
1622	2007-2010 Civic Si Sedan, 2.0L (Cat-Back Exhaust System)	63mm (2 1/2")	4" Round, angle cut
1626	2006-2010 Civic Si Coupe, 2.0L (Cat-Back Exhaust System)	63mm (2 1/2")	4" Round, angle cut



In the event of a Check Engine Light, consider using one of Vibrant's unique O2 sensor bungs (such as part #11620 and #11621), which may help eliminate this problem. Results may vary. Please refer to pages 64-65 for more information about these products.



Part No.	Application	Tubing O.D.	Tip Size/Style	Notes
1627	2005-2008 Cobalt SS Supercharged, 2.0L (3" Cat-Back Exhaust System)	76mm (3")	4" Round, angle cut	Will Bolt up to OE Manifold and Vibrant Header #2536 or #2543

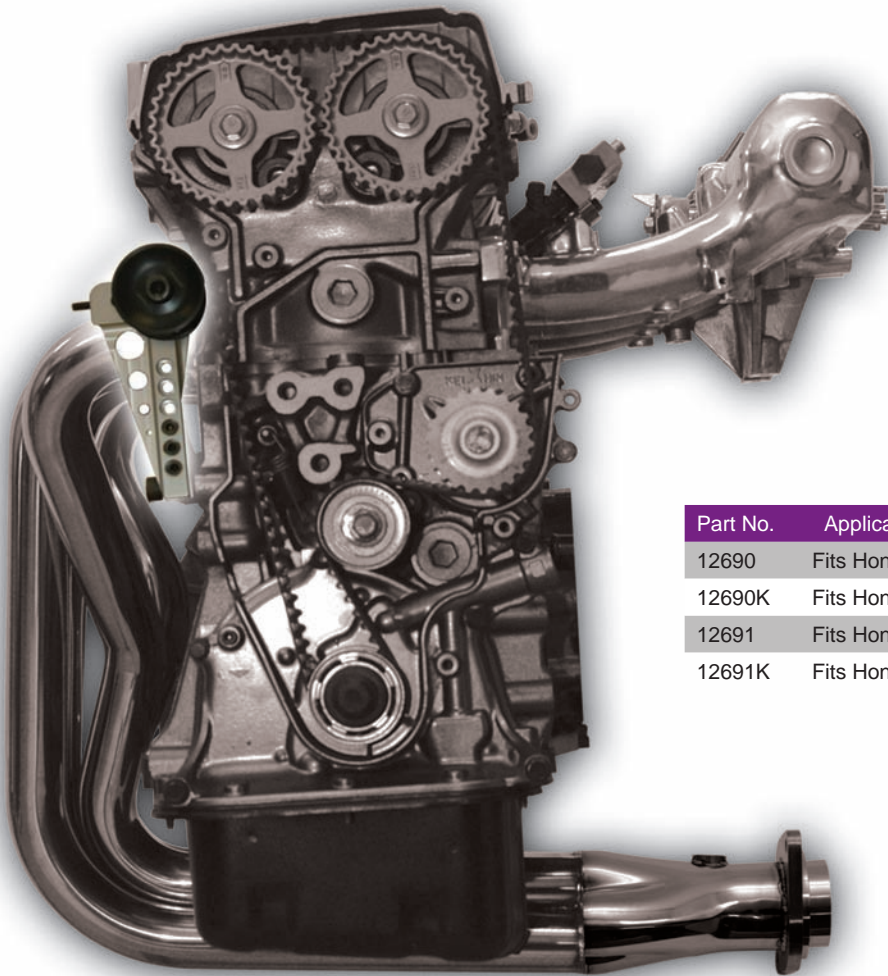


In the event of a Check Engine Light, consider using one of Vibrant's unique O2 sensor bungs (such as part #11620 and #11621), which may help eliminate this problem. Results may vary. Please refer to pages 64-65 for more information about these products.

ADJUSTABLE TIMING BELT TENSIONER

In the past, professional race teams have developed custom tensioner solutions to deal with excessive timing belt slack on B and H series Honda race motors. At high RPM, Honda timing belts will flap excessively, to the point where skipping one or more teeth on a cam gear is a definite possibility. This slight shift in cam gear positioning can cause just a simple loss in horsepower but the potential exists for major engine damage if it results in engine valves crashing into the pistons.

Protect your high revving Honda B or H series motor by installing a Vibrant Performance Timing Belt Tensioner. Vibrant Tensioners are CNC machined from T6061 Billet Aluminum, making them lightweight yet very durable. The pulleys feature a special coating to prevent premature wear and tear due to friction from the belt. Completely adjustable (both vertically and horizontally) and easy to install because they bolt up directly to the stock Honda block (requires the removal or relocation of the factory power steering pump).



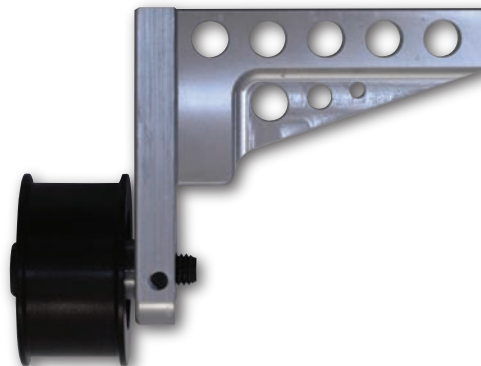
Part No.	Application
12690	Fits Honda B-Series Block (Anodized Silver)
12690K	Fits Honda B-Series Block (Anodized Black)
12691	Fits Honda H-Series Block (Anodized Silver)
12691K	Fits Honda H-Series Block (Anodized Black)

PART # 12690K



HONDA B-SERIES BLOCK

PART # 12691



HONDA H-SERIES BLOCK

VIBRANT MERCHANDISE

MANUAL TRANSMISSION SHIFT KNOB



- Real Carbon Fiber. Weighs 3oz.
- Features a unique 3-stage thread pattern allowing it to securely thread onto all 8mm, 10mm and 12mm shifters.

Part No. 2032

AUTHORIZED DEALER KIT

The Vibrant Performance Authorized Dealer Kit includes the following:

- 4ft x 2ft Store Banner
- 2012 Catalog (2 copies)
- Vibrant Performance T-shirt
- Authorized Dealer Vinyl Decal

Part No. 2959



Black T-Shirt



Vinyl Decal



2012 Catalog



4ft x 2ft Store Banner

VIBRANT PERFORMANCE APPAREL

VIBRANT T-SHIRT



- Item # 2931M (Medium)
- Item # 2931L (Large)
- Item # 2931X (Extra Large)
- Item # 2931Z (2XL)

STICKERS

Vibrant Performance Die Cut Vinyl Sticker
 Size: 6" w x 2 1/4" h
 Available in three colors: Silver, White, Black



- Item # 2981
- Item # 2981W
- Item # 2981S

VIBRANT BASEBALL HAT



Item # 2938L

LICENSE PLATE FRAME



Item # 2960

FUSE Aluminum soldering wire allows for relatively low temperature fusing of aluminum, eliminating the need for expensive tig welding on many projects. All you need is a standard propane or acetylene torch and some FUSE wire for easy, incredibly strong and professional looking welds.

HEAT IT



FUSE IT



USE IT



WELD WITHOUT WELDING

-  WELDS ALUMINUM
-  USER FRIENDLY
-  FRAMING
-  MACHINERY
-  REPAIRS
-  AUTOMOTIVE
-  CUSTOMER CARE
-  FLEXIBLE
-  LOWER TEMPS
-  NO TIG NEEDED
-  HOUSEHOLD USE
-  HOBBIES
-  EQUIPMENT
-  HEATING & AIR
-  WARRANTY
-  QUICK COOL DOWN
-  STRENGTH



INDEX

A

Acoustic Shields ...45
Adapter Fittings ...39, 40
Adapters, Mass Airflow Sensor ...22
Adjustable Timing Belt Tensioner ...82
Air Filter for Bellmouth Velocity Stack ...20
Air Filters ...21
Air to Air Intercoolers ...11
Aluminum Bellmouth Velocity Stacks ...20
Aluminum Block Off Plate ...27
Aluminum Check Valve ...64
Aluminum Elbows, Cast ...10
Aluminum Mufflers ...69
Aluminum Oil Drain Flanges ...38
Aluminum Oil Feed Flange ...37
Aluminum Swivel Style Hose End Fittings ...39
Aluminum Thread On Vacuum Scavenger ...43
Aluminum Tubing ...8-10
Aluminum Vacuum Fittings ...24
Aluminum Vacuum Manifold ...24
Aluminum V-Band Flange Assembly ...61
Aluminum Water Jacket Adapter Fitting ...37
Aramid, Multi-ply Reinforced Silicone Connectors ...17

B

Bead Roller, Manual ...67
Bellmouth Velocity Stack, Aluminum ...20
Bellows Assemblies, Stainless Steel ...56
Bends, Mandrel, Stainless Steel ...49-53
Block Off Plate, Aluminum ...27
Blow-Off Valve, Flange Assemblies ...27
Bolt On Exhaust Tips ...75
Bolt, Spring, Kit ...66
Boost Brace ...18
Boost Controller, Manual ...26
Bracket, Wall Mount ...50
Braided Flexible Race Hose ...41
Bungs, Large Diameter ...42
Bungs, Weld ...42

C

Cable Ties, Stainless Steel ...46
Cast Aluminum Elbows ... 10
Catalytic Converter, Ceramic Core ...58
Catalytic Converter, High Performance GESI ...59
Catalytic Converter, Metal Core ...58

Catalytic Converters, OBD1 ...58
Catch Can, Filter Kit ...43
Catch Can, Universal ...43
Ceramic Core, Catalytic Converter ...58
Check Valve, Aluminum ...64
Chevrolet Exhaust Systems ...81
Clamping System, VANJEN ...12, 13
Clamps, Easy Seal, Exhaust Sleeve ...63
Clamps, Exhaust Seal ...63
Clamps, Mini Hose, Fuel Injector Style ...41
Clamps, Stainless Steel Pinch ...41
Clamps, Stainless Steel T-Bolt ...19
Clamps, Stainless Steel V-Band ...61
Clamps, Stainless Steel Worm Gear ...19
Clips, Exhaust Hanger Rod ...66
Collector Tab Set, Weld On ...55
Collectors, Turbo Manifold, Merge ...29
Compressor Outlet Flanges ...36
Connectors, Multi-ply Aramid Reinforced Silicone Connectors ...17
Connectors, Reinforced Silicone ...14-16
Connectors, Reinforced Silicone Elbow...16
Couplers, Exhaust, TC Series ...63
Couplings, Flexible Exhaust ...56, 57
Crankcase Breather Filters ...21

D

Discharge Flange, Turbo ...34, 35, 36
Donut Style Exhaust Gasket ...63

E

Easy Seal Exhaust Sleeve Clamps ...63
EGT Sensor Fitting ...65
Elbow, Cast Aluminum ...10
Elbow, Reinforced Silicone Connectors ...16
Engine Mount Heat Shield ...45
E-Vac Scavenger ...64
Exhaust Couplers, TC Series ...63
Exhaust Flanges, Stainless Steel ...62
Exhaust Gasket, Donut Style ...63
Exhaust Hanger Rod Clips ...66
Exhaust Headers, Stainless Steel ...78, 79
Exhaust Manifold Flanges ...48
Exhaust Seal Clamps ...63
Exhaust Systems, Chevrolet ...81
Exhaust Systems, Honda ...80
Exhaust Tips, Bolt On ...75

INDEX

Exhaust Tips, Stainless Steel ...74

External Wastegate Flanges ...31, 32, 33

Extreme Shield Flexible Tubing ...46

F

Fasteners, Stainless Steel ...66

Filter Kit, Catch Can ...43

Filters, Air ...21

Filters, Bellmouth Velocity Stack ...20

Filters, Crankcase Breather ...21

Fitting Kit, Oil Restrictor ...37

Fitting, EGT Sensor ...65

Fitting, Oxygen Sensor ...65

Fitting, Oxygen Sensor Restrictor ...64

Fitting, Oxygen Sensor, J Style ...65

Fitting, Oxygen Sensor, Saddle Style ...65

Fittings, Adapter ...39, 40

Fittings, Aluminum Swivel Style ...39

Fittings, Aluminum Vacuum ...24

Fittings, Pneumatic Vacuum Line ...25

Flange Assemblies, Blow Off Valve ...27

Flanges, Aluminum Oil Feed ...37

Flanges, Aluminum Oil Drain ...38

Flanges, Aluminum V-Band Assembly ...61

Flanges, Compressor Outlet ...36

Flanges, Exhaust Manifold ...48

Flanges, External Wastegate ...31, 32, 33

Flanges, Stainless Steel Exhaust ...62

Flanges, Stainless Steel V-Band Assembly ...60

Flanges, Turbo Discharge ...34, 35, 36

Flanges, Turbo Inlet ...30, 31

Flat Black Universal Mufflers ...71

Flexible Couplings, Stainless Steel ...56, 57

Flexible Interlock Hose, Stainless Steel ...33

Flexible Race Hose, Braided ...41

Flexible Sleeving, Heat Protect ...46

Flexible Split Sleeving ...46

Flexible Tubing, Extreme Shield ...46

Fuel Injector Style Mini Hose Clamps ...41

G

Gasket, Exhaust, Donut Style ...63

GESI, High Performance Catalytic Converter ...59

H

Hanger Rod Clips, Exhaust ...66

Hanger Rods, Stainless Steel ...66

Header Wrap ...46

Headers, Stainless Steel Exhaust ...78, 79

Heat Protect Flexible Sleeving ...46

Heat Shields ...44

Heat Shields, Preformed Turbo ...45

Heater Hose, Silicone ...23

High Performance Catalytic Converter, GESI ...59

High Temperature Vacuum Line Kits ...25

Honda Exhaust Systems ...80

Hump Hose, Silicone Connectors ...15

I

Inner Silencer ...66

Intercoolers, Air to Air ...11

Interlock Hose, Flexible Stainless Steel ...33

J

J Style Oxygen Sensor Fitting ...65

L

Large Diameter Weld Bungs ...42

M

Mandrel Bends, Stainless Steel ...49-53

Manifold Flanges, Exhaust ...48

Manifold, Aluminum Vacuum ...24

Manual Bead Roller ...67

Manual Boost Controller ...26

Manual Transmission, Vibrant Shift Knob ...83

Mass Air Flow Sensor Adapters ...22

Merge Collectors, Stainless Steel ...54, 55

Merge Collectors, Turbo Manifold ...29

Metal Core, Catalytic Converter ...58

Mini Hose Clamps, Fuel Injector Style ...41

Mufflers, Aluminum ...69

Mufflers, Flat Black, Universal ...71

Mufflers, Race, Stainless Steel ...69

Mufflers, TP Universal ...73

Mufflers, Universal With Tips, Stainless Steel ...72

Mufflers, Universal Without Tips, Stainless Steel ...70

Multi-Ply Aramid Reinforced Silicone ...17

N

Non Reinforced Silicone Couplings ...18

INDEX

O

OBD1 Catalytic Converters ...58
Oil Drain Kit, Universal ...37
Oil Drain Flange, Aluminum ...38
Oil Feed Flange, Aluminum ...37
Oil Feed Kit, Universal ...37
Oil Restrictor Fitting Kit ...37
Oxygen Sensor Fitting ...65
Oxygen Sensor Fitting, J Style ...65
Oxygen Sensor Fitting, Saddle Style ...65
Oxygen Sensor Restrictor Fitting ...64
Oxygen Sensor Socket Tool ...65

P

Pipe, Schedule 10 Stainless Steel ...28
Pneumatic Vacuum Fittings ...25
Polyethylene Tubing ...25
Preformed Turbo Shield ...45

R

Race Hose, Braided Flexible ...41
Race Mufflers, Stainless Steel ...69
Reducers, Stainless Steel ...53
Reinforced Multi-ply Aramid Silicone Connectors ...17
Reinforced Silicone Connectors ...14-16
Reinforced Silicone Elbows ...16
Replacement Windshield Washer Bottle Kit ...47
Resonators, Stainless Steel ...68
Resonators, Ultra Quiet ...68
Restrictor Fitting, Oxygen Sensor ...64
Rod Hanger, Stainless Steel ...66

S

Saddle Style Oxygen Sensor Fitting ...65
Scavenger, E-Vac ...64
Schedule 10 Stainless Steel Pipe ...28
Sensor Fitting, EGT ...65
Sensor Fitting, Oxygen ...65
Shield, Heat, Engine Mount ...45
Shield, Heat, Starter Motor ...45
Shields, Acoustic ...45
Shields, Heat ...44
Shields, Preformed Turbo ...45
Shift Knob, Vibrant, Manual Transmission ...83
Silencers, Inner ...66
Silicone Connectors, Non Reinforced ...18

Silicone Connectors, Reinforced ...14-16
Silicone Heater Hose ...23
Silicone Hump Hose Connectors ...15
Silicone Transition Hose Connectors ...15
Silicone Vacuum Hose ...23
Silicone, Reinforced Multi Ply Aramid Connectors ...17
Sleeve Clamps, Exhaust, Easy Seal ...63
Sleeving, Heat Protect, Flexible ...46
Split Sleeving, Flexible ...46
Spring Bolt Kits ...66
Stainless Steel Bellows Assemblies ...56
Stainless Steel Cable Ties ...46
Stainless Steel Exhaust Flanges ...62
Stainless Steel Exhaust Headers ...78, 79
Stainless Steel Exhaust Tips ...74
Stainless Steel Fasteners ...66
Stainless Steel Flexible Couplings ...56, 57
Stainless Steel Flexible Interlock Hose ...33
Stainless Steel Hanger Rods ...66
Stainless Steel Mandrel Bends ...49-53
Stainless Steel Merge Collectors ...54, 55
Stainless Steel Pinch Clamps ...41
Stainless Steel Race Mufflers ...69
Stainless Steel Reducers ...53
Stainless Steel Resonators ...68
Stainless Steel Straight Tubing ...53
Stainless Steel TPV Mufflers ...73
Stainless Steel Universal Mufflers With Tips ...72
Stainless Steel Universal Mufflers Without Tips ...70
Stainless Steel V-Band Flange Assembly ...60
Starter Motor Heat Shield ...45
Swaging Mandrels ...67
Swivel Style Hose End Fittings, Aluminum ...39

T

T-Bolt Clamps, Stainless Steel ...19
TC Series Exhaust Couplers ...63
Ties, Cable, Stainless Steel ...46
Timing Belt Tensioner, Adjustable ...82
Tips, Bolt On ...75
Tips, Stainless Steel Exhaust ...74
Tool, Oxygen Sensor, Socket ...65
TPV Universal Mufflers, Stainless Steel ...73
Transition Silicone Hose Connectors ...15
Tubing, Aluminum ...8-10
Tubing, Polyethylene ...25

INDEX

Tubing, Stainless Steel Mandrel Bends ...49-53
Tubing, Stainless Steel Straight ...53
Turbo Flanges, Discharge ...34, 35, 36
Turbo Flanges, Inlet ...30, 31
Turbo Manifold Merge Collectors ...29
Turbo Shield, Preformed ...45

U

Ultra Quiet Resonators ...68
Universal Catch Can ...43
Universal Ceramic Core Catalytic Converter ...58
Universal Metal Core Catalytic Converter ...58
Universal Mufflers, Flat Black ...71
Universal Mufflers, Stainless Steel With Tips ...72
Universal Mufflers, Stainless Steel, Without Tips ...70
Universal Oil Drain / Return Kit ...37
Universal Oil Feed Kits ...37
Universal TPV Mufflers, Stainless Steel ...73

V

Vacuum Fittings, Pneumatic ...25
Vacuum Hose, Silicone ...23
Vacuum Line Fittings, Aluminum ...24
Vacuum Line Kit, High Temperature ...25
Vacuum Manifold, Aluminum ...24
Vacuum Scavenger, Aluminum Thread On ...43
Valve, Check, Aluminum ...64
VANJEN Clamping System ...12, 13
V-Band Flange Assemblies, Aluminum ...61
V-Band Flange Assemblies, Stainless Steel ...60
V-Band Flange Clamps ...61
Velocity Stack, Bellmouth Aluminum ...20
Vibrant Shift Knob, Manual Transmission ...83

W

Wall Mount Bracket ...50
Wastegates, External Flanges ...31, 32, 33
Water Jacket Adapter Fitting, Aluminum ...37
Weld Bungs ...42
Weld Bungs, Large Diameter ...42
Weld On Collector Tab Set ...55
Weld-On Flange Assemblies for Blow Off Valves ...27
Windshield Washer Bottle, Replacement Kit ...47
Worm Gear Clamps, Stainless Steel ...19
Wrap, Header ...46