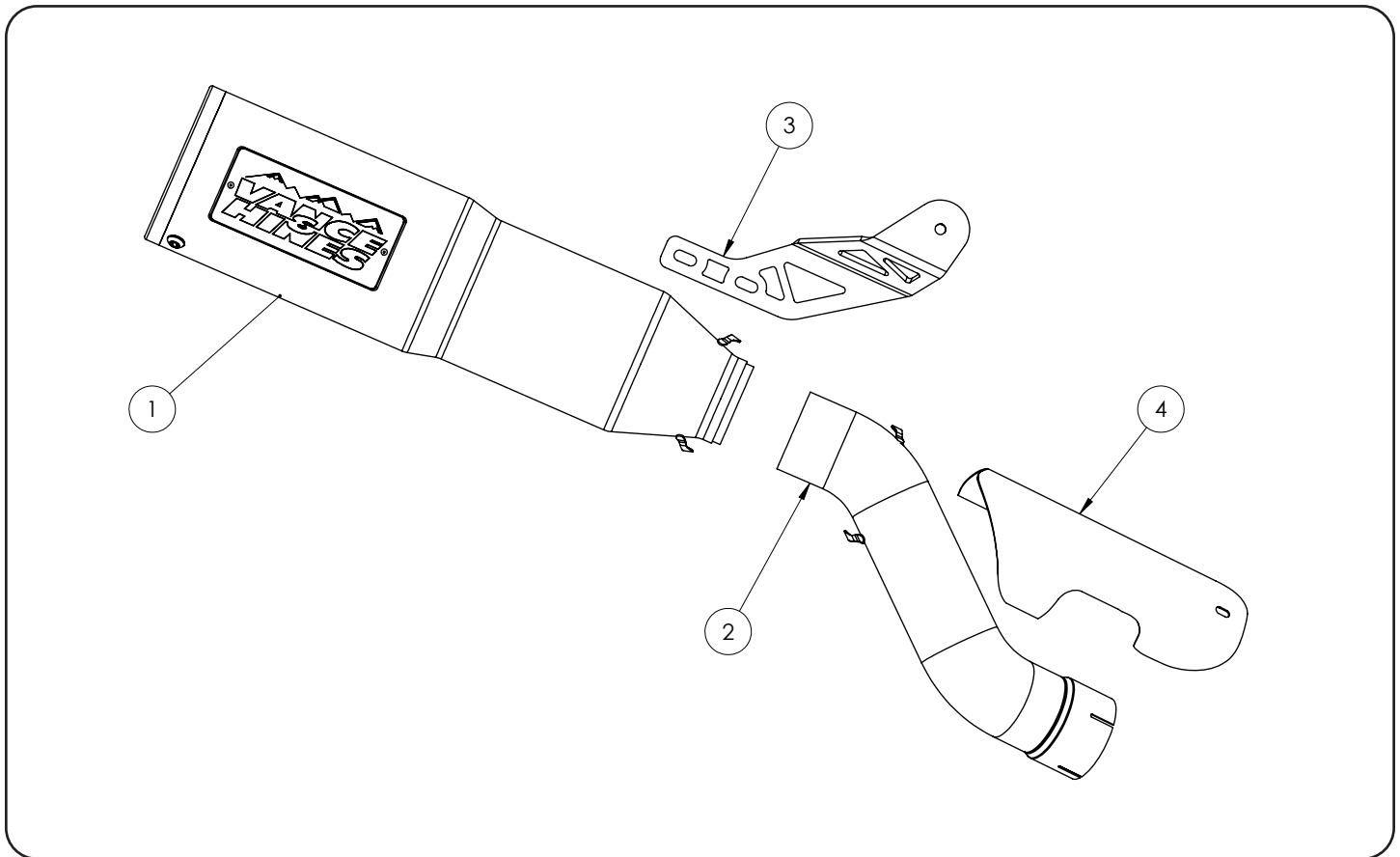


READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines exhaust is designed and crafted for performance, quality, and style. Please follow the instructions below, check exhaust system for missing or damaged parts and if you need any assistance please contact our technical support line (562) 921-7461.

Fits 2013 - 2018 BMW R1200 GS and 2019+ BMW R1250 GS Models.

Qualified Manufacturer Declared Replacement Part for 2013 - 2018 BMW R1200 GS and 2019+ BMW R1250 GS Models.

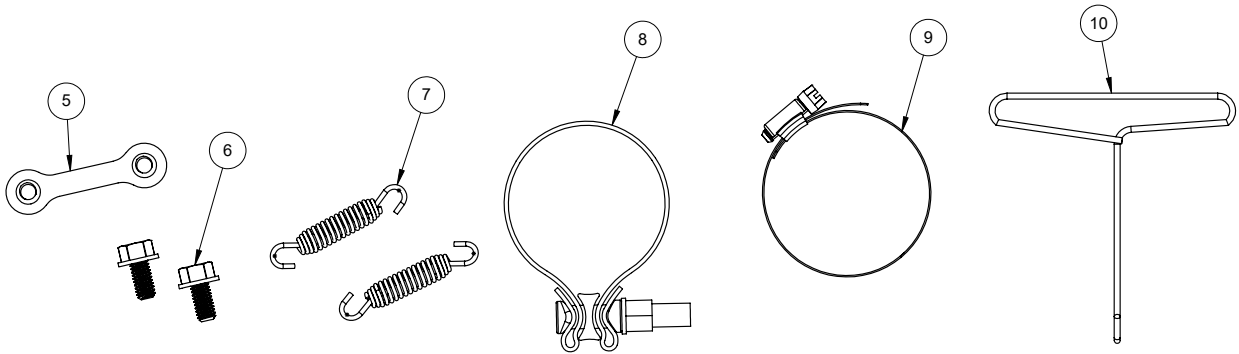


PARTS LIST

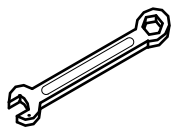
ITEM NO.	PART NO.	Description	Qty.
1	B620RB-S	Muffler Can Assembly	1
2	B615RB	Mid-pipe Assembly	1
3	1350-P	Mount Bracket	1
4	B615HP	Heat Shield	1
5	A195HW	Dogbone Nut Plate	1

ITEM NO.	PART NO.	Description	Qty.
6	A240HW	5/16"-18 X 5/8" FB	2
7	A115SP	Spring	2
8	A337HW	2.625" Torca Clamp	1
9	A276HW	1.18-2.75" SS Clamp	1
10	A260SP	Spring Puller	1

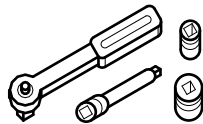
HARDWARE



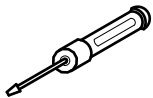
TOOLS REQUIRED



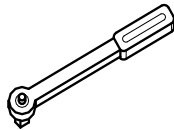
Combination Wrench:
14mm, 5/16", 1/2",
9/16"



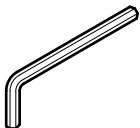
3/8" Drive Ratchet w/ 4" extension, 14mm, 5/16" & 1/2" Sockets, 15mm Deep Socket, T40 Torx Socket



Flat Head Screwdriver



Ft-lb Torque Wrench



T25, T40 Torx Wrench

REMOVAL OF STOCK EXHAUST

1. Remove the stock heat shield from the OEM muffler by loosening the 3 Torx head fasteners.
NOTE: save one Torx head screw for installation of Vance and Hines heat shield.
2. Loosen the clamp holding the stock muffler to the downpipe.
3. Unfasten the OEM muffler mounting bracket from the subframe mounting point. **NOTE:** Set aside the bracket mounting screw and washer for installation of the Vance and Hines Hi-Output Slip-on.
4. Slide OEM muffler off of the downpipe and remove from motorcycle.

VANCE & HINES EXHAUST INSTALLATION

1. Install the 1350-P muffler bracket (supplied) onto the muffler can assembly using the A195HW dogbone nut plate and 2x A240HW 5/16"-18 x 5/8" flange head bolts (Figure 2). **NOTE:** Hand tighten only at this time.
2. Install the A337HW Torca band clamp (supplied) over the front of the B615RB muffler mid-pipe so that the bolt and the clamping nut is facing downward when installed on the bike (Figure 3). **NOTE:** New Torca band clamps are supplied, do not use the old clamps.
3. Slide mid-pipe over the stock exhaust down pipe. **NOTE:** Do not tighten the Torca clamp at this time.
4. Slide muffler can assembly onto the mid-pipe, then align the muffler bracket with the frame bracket and secure using the stock mounting bolt and washer. Adjust the position of the muffler on the bracket so that the distance between the spring clips is 2.0" (Figure 4) and then tighten the 5/16"-18 x 5/8" flange bolts on the mounting bracket.
5. Tighten the A337HW Torca Band Clamp to 45 ft/lbs.
6. Install the A276HW SS Hose Clamp onto the heat shield, orienting the screw head so that it is facing downwards when installed on the mid-pipe (Figure 5).
7. Install the heat shield onto the mid-pipe. Install the Torx head screw into the heat shield slot. Adjust the position of the heat shield so that it is centered on the mid-pipe, then tighten the Torx screw and heat shield clamp (Figure 6).
8. Using the supplied A260SP Spring Puller, install the 2x A115SP muffler springs onto the spring clips (Figure 4).
9. After installation and before starting motorcycle, completely clean pipes and mufflers with cleaning solvent and a clean, soft cloth that will not leave a residue. **NOTE:** Any residue, oil, or fingerprints may cause discoloration when the metal heats up.
11. Be sure to tighten all hardware before starting your motorcycle.
12. **IMPORTANT: AFTER TEST RIDE LET PIPES COOL DOWN AND RE-TORQUE TORCA MUFFLER BAND CLAMP.**

FIGURE 1

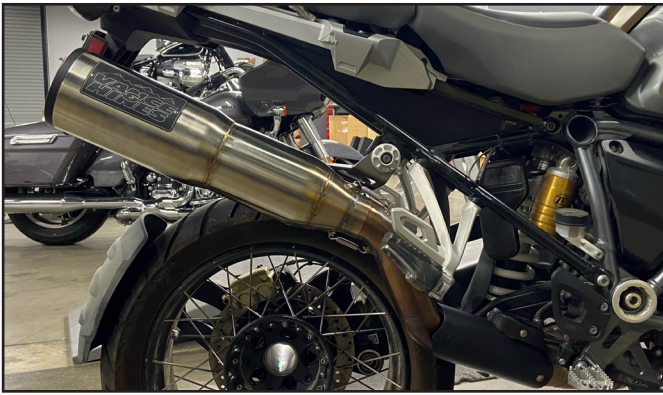


FIGURE 2



FIGURE 3

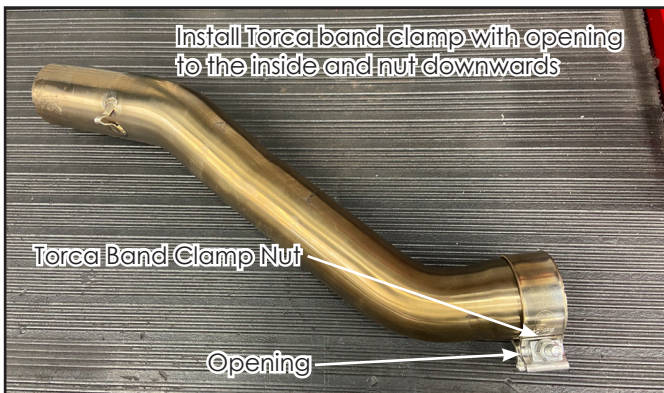


FIGURE 4

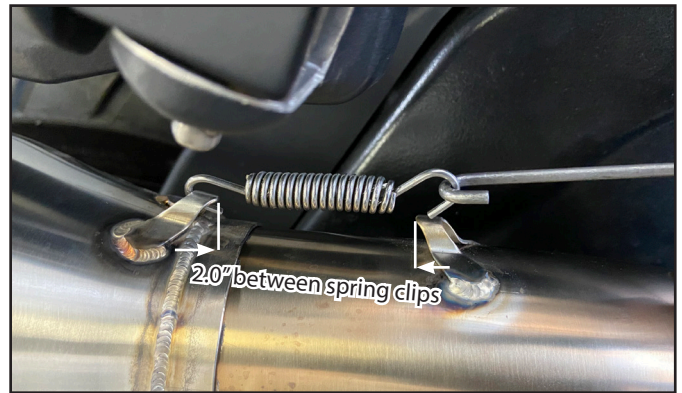


FIGURE 5

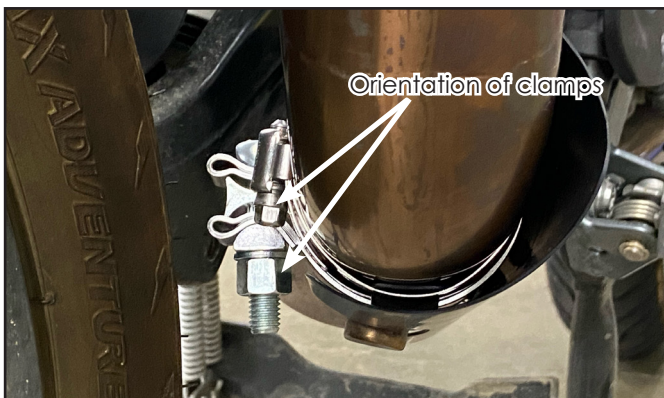


FIGURE 6



Emissions Notice:

In California, in order to meet Air Resources Board emissions requirements, certain aftermarket part applications have been identified as replacements, and others have received ARB Executive Orders. All other emissions related aftermarket parts are for competition use only. A list of replacement parts and EO parts, and corresponding fitment is provided at vanceandhines.com/california.

Warranty:

All Vance & Hines products are warranted against defects in material and workmanship for a period of 90 days. This warranty does not cover discoloration or rust. This warranty shall be limited to the repair or replacement of the product, which may be proven defective under normal use. Vance & Hines will not warranty any system that has been abused, misused, improperly installed or modified.

Dealers or distributors are not authorized to make dispositions binding upon Vance & Hines. Vance & Hines will not be responsible for any labor charges incurred in removing or replacing any system under warranty. A return authorization number and a copy of the original purchase invoice must accompany all returns. Parts returned without a return authorization may be refused.

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