

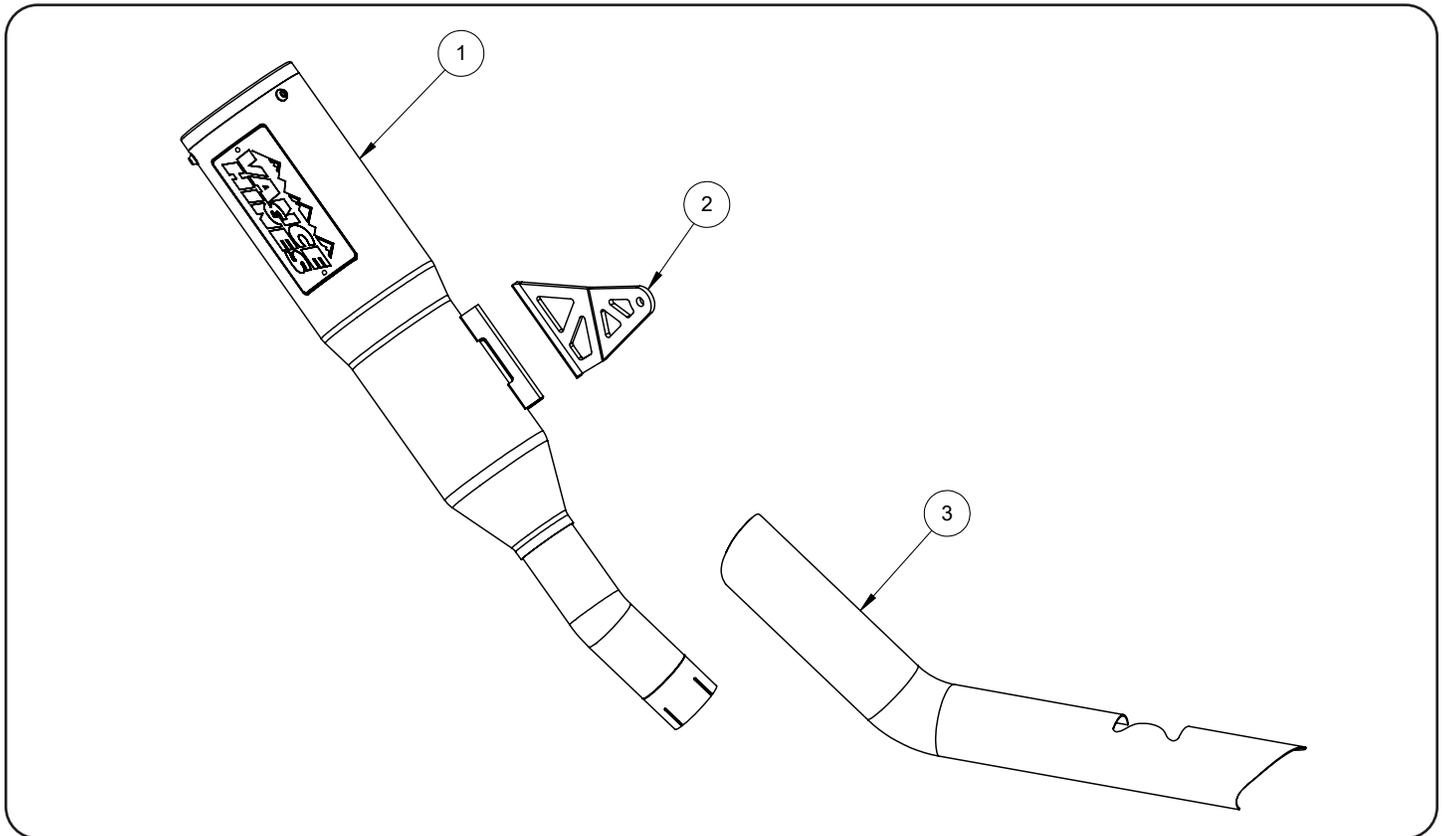
## INSTALLATION INSTRUCTIONS: STAINLESS ADVENTURE HI-OUTPUT 450 SLIP-ON 2020+ HONDA CRF1100 AFRICA TWIN PART# 14523

### 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 2020 and later Honda CRF1100 Africa Twin Models

Qualified Manufacturer Declared Replacement Part for 2020 and later Honda CRF1100 Africa Twin Models.

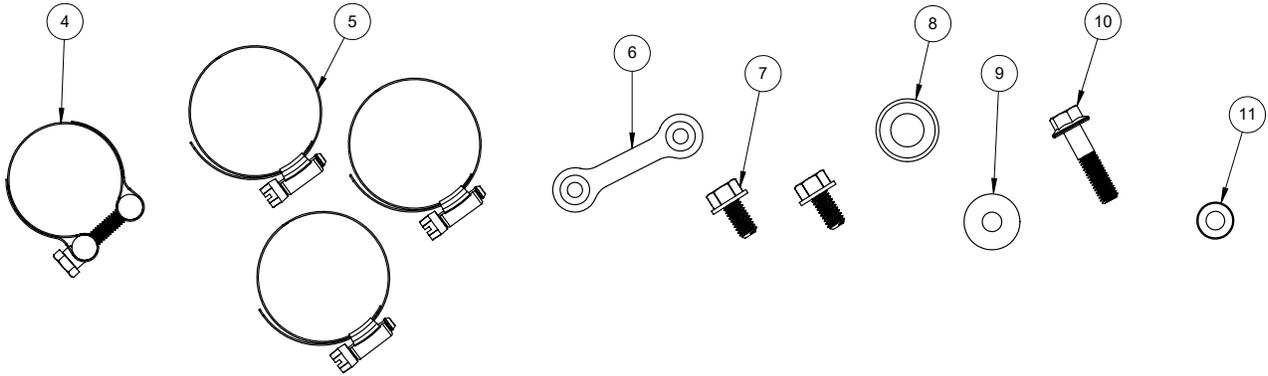


### PARTS LIST

ITEM NO.	PART NO.	Description	Qty.
1	H445RB-S	Muffler Can Assembly	1
2	1395-P	Mount Bracket	1
3	H445HB	Heat Shield	1
4	A754HW	T-bolt Clamp	1
5	A272HW	No. 28 Hose Clamp	3
6	A195HW	Dog Bone Nut Plate	1

ITEM NO.	PART NO.	Description	Qty.
7	A240HW	5/16"-18 X 5/8" FB	2
8	A968HW	Rubber Grommet	1
9	A993HW	M8 Washer	1
10	A980HW	M8X1.25X35mm Screw	1
11	A794ST	.625" Spacer	1

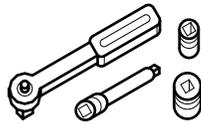
## HARDWARE



## TOOLS REQUIRED



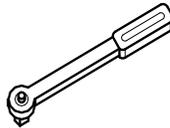
**Combination Wrench:**  
1/2", 9/16", 10mm,  
12mm, 13mm



**3/8" Drive Ratchet w/ 4"  
extension, 10mm, 11mm,  
12mm, 13mm Sockets, 11mm  
Deep Socket, T40 Torx Socket**



**#2 Philips Screwdriver**



**Ft-lb Torque Wrench**



**4mm, 6mm Allen Wrench**

## REMOVAL OF STOCK EXHAUST

1. Remove the RH passenger foot rest assembly.
2. Remove the two pop clips from the exhaust valve actuator by pushing in the center pin then pulling the clips out.
3. Remove the two rear screws from the lower mudguard, then remove the screw on the LH side of the mud guard.
4. Remove the screw on the RH side of the mudguard, then remove the RH pop clip on the actuator housing, and then remove the mudguard.
5. Unplug the exhaust valve actuator from the harness, then remove the actuator.
6. Remove the Outer heatshield cover by unfastening the screw and pulling the cover off of the clips. Then, remove the inner heatshield cover by unfastening the 4 mounting screws.
7. Loosen the exhaust clamp, then remove the exhaust mounting screw.
8. Slip the exhaust off of the header pipe and remove with the exhaust valve actuator.

### REMOVAL OF STOCK EXHAUST (cont.)

9. Remove the three screws holding the cable guide and actuator cover, then remove the cable guide and actuator cover. (Figure 2)
10. Unfasten the screws on the exhaust valve housing on the muffler and remove the exhaust valve cover.
11. Loosen the nuts on both exhaust cables, unclip the cables from the housing, then remove the cables from the valve. (Figure 3)
12. Screw in the barrel adjuster all the way, then remove the cables from the valve actuator. (Figure 4, Figure 5)
13. Re-install the cable guide and actuator cover onto the actuator and secure with the appropriate hardware.
14. Install the exhaust valve actuator back onto the bike and re-connect it to the harness (Figure 6).
15. Re-install the mudguard with the appropriate hardware and re-install the pop clips to their respective positions.
16. Re-install the RH passenger foot rest and tighten to mfg suggested torque specification.

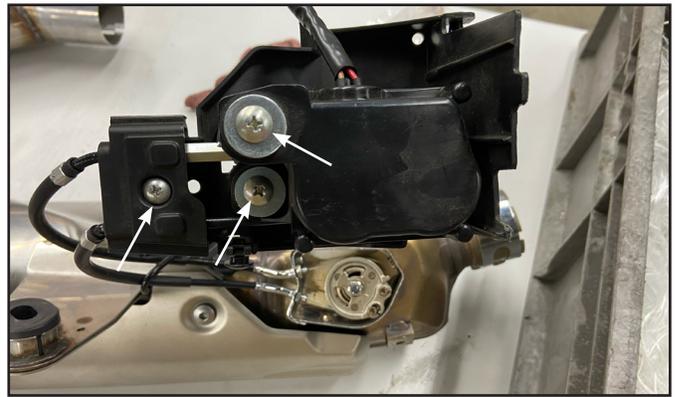
### VANCE & HINES EXHAUST INSTALLATION

1. Install the A968HW rubber grommet into the 1395-P, then insert the A794ST spacer into the grommet. **NOTE:** Use soapy water to install spacer.
2. Install the 1395-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 7). **NOTE:** Hand tighten only at this time.
3. Install the A754HW T-bolt clamp (supplied) over the front of the H445RB-S muffler inlet so that the bolt and the clamping nut is facing downward with the opening towards the center of the bike (Figure 8). **NOTE:** New band clamps are supplied, do not use the old clamps.
4. Slide the muffler assembly over the stock exhaust head pipe. **NOTE:** Do not tighten the band clamp at this time.
5. Align the mounting bracket with the frame bracket and secure using the supplied M8 screw and washer. (Figure 12) Then, tighten the 5/16"-18 x 5/8" flange bolts on the mounting bracket.
6. Install the 3x A272HW SS Hose Clamps onto the heat shield, orienting the screw heads so that they are facing downwards (Figure 9).
7. Install the heat shield onto the mid-pipe. Adjust the position of the heat shield so that the pads are all making contact with the header pipe and the muffler inlet, then tighten the clamps (Figure 10).
8. Tighten the muffler clamp (Figure 11).
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.
10. Be sure to tighten all hardware before starting your motorcycle.
11. **IMPORTANT: AFTER TEST RIDE LET PIPES COOL DOWN AND RE-TORQUE MUFFLER BAND CLAMP.**

**FIGURE 1**



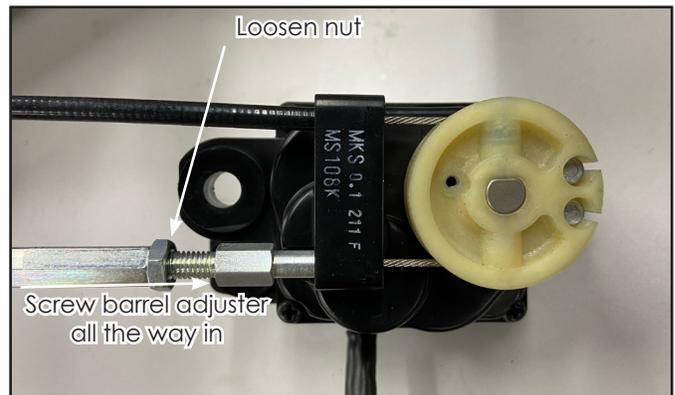
**FIGURE 2**



**FIGURE 3**



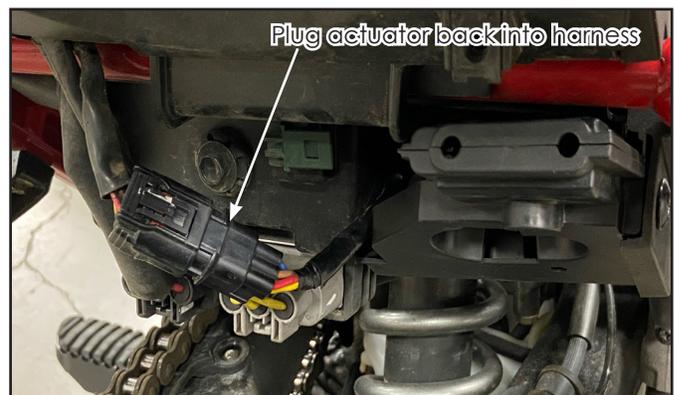
**FIGURE 4**



**FIGURE 5**



**FIGURE 6**



**FIGURE 7**



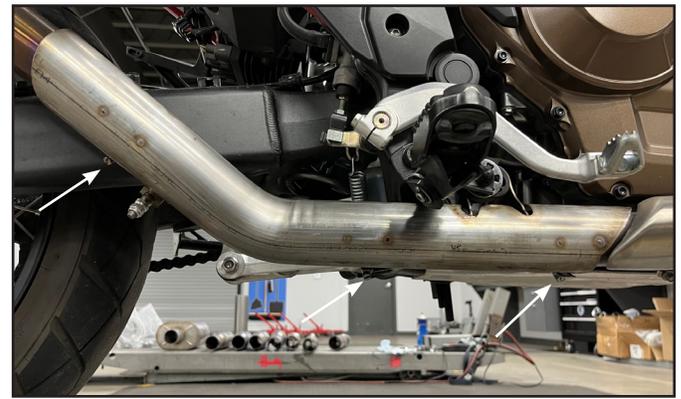
**FIGURE 8**



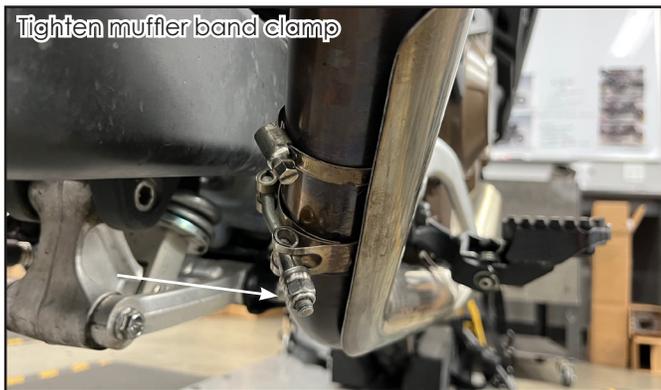
**FIGURE 9**



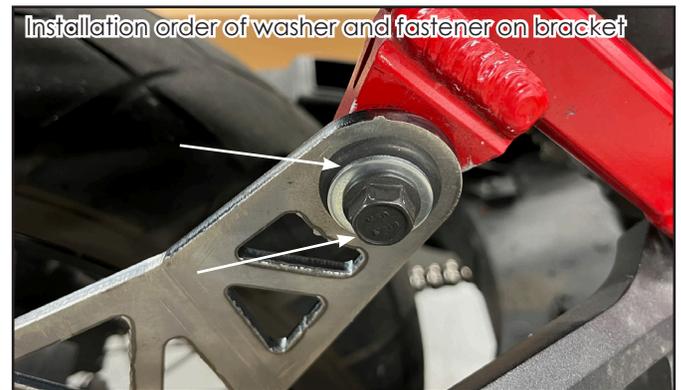
**FIGURE 10**



**FIGURE 11**



**FIGURE 12**



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](http://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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