

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines Motorsports exhaust is designed and crafted for maximum performance, a great sound and unbeatable 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 (317) 852-9057.

**STOCK EXHAUST SYSTEM REMOVAL (HAYABUSA)**

Please remove the following:

1. Remove and place the lower fairings in a safe place, if necessary refer to service manual. The right side lower fairing will need to be trimmed for proper exhaust clearance. (99-07 Models - Page 3) (08 Models - Page 4)
2. Remove the exhaust fresh air system for this it will be necessary to block off the fresh air port and plug the air box tube. On 08 models go to step 3.
3. Remove the oil cooler and mounting bracket. Save the bolts and o-rings for the oil bypass installation.
4. Remove the fan temporarily to aid installation of the exhaust system. On 08 models go to step 5.
5. Carefully remove complete stock exhaust system from the motorcycle. Disconnect O<sup>2</sup> wires on 08 models.
6. Remove the lower footpeg mounting bolt on the right side.
7. On 08 models remove the two lower radiator mounting bolts on the cylinder block, replace with supplied spacers, bolts and washers.

This would be a good time to change the oil and filter.

If the o-rings are cracked or stretched, they should be replaced, Suzuki part number # 09280-12012

We also recommend replacing the stock exhaust gaskets, Suzuki part number # 14181-22D01

**INDY SERIES EXHAUST SYSTEM INSTALLATION**

1. Locate the oil bypass kit parts. Wrap the fitting threads with teflon tape or paste. Thread the fittings to the adapters. The front fitting should be at about (8 o'clock) and the side fitting should be at about (5 or 6 o'clock). Blow air through the oil bypass hose to clean anything that may have been in it. Install the o-rings to the adapters and bolt them to the motor using the bolts and o-ring removed in step 3. Put a drop of oil on the end of the fittings to ease hose installation. Push the hose on until it contacts the plastic ring, there is no need for clamps with this type of hose.
2. Assemble the header using the drawing (Page 2) as a reference.
3. Install the exhaust assembly using the stock flange bolts and the footpeg bolt removed in step 6.
4. After aligning the header, tighten the flange bolts and remove the megaphone and collector so the lower fairing can be installed.
5. A template is supplied to outline the clearance cut that is needed on the right side lower fairing, we recommend using a dremel tool or a die grinder. The template should give you the necessary clearance but some fitments may vary. After making the cut lightly sand the edges being careful not to scratch the paint. (99-07 Models - Page 3) (08 Models - Page 4)
6. Clean all fingerprints from the exhaust using contact cleaner (or other non flammable cleaner). Fingerprints will leave stains on the pipe once the motorcycle is started.
7. Try a test fit. Place a rag or tape over the tail pipes and slowly fit the lower fairing into place. If you feel more clearance is needed, mark the fairing and remove it. On 99-07 models check the clearance at the oil cooler cowl, it will be necessary to trim some material off the cowl. Reinstall the fan if you removed it.
8. Reinstall the megaphone and collector, check that the O<sup>2</sup> plug is tight.
9. You are now ready to start your motorcycle. Check for exhaust leaks and oil leaks. Shut off the bike and recheck the oil level.

For best results, we recommend custom fuel injection mapping for your new combination. Power Commander base maps are available on our website at [www.vhmotorsports.com](http://www.vhmotorsports.com)

Vance & Hines Motorsports

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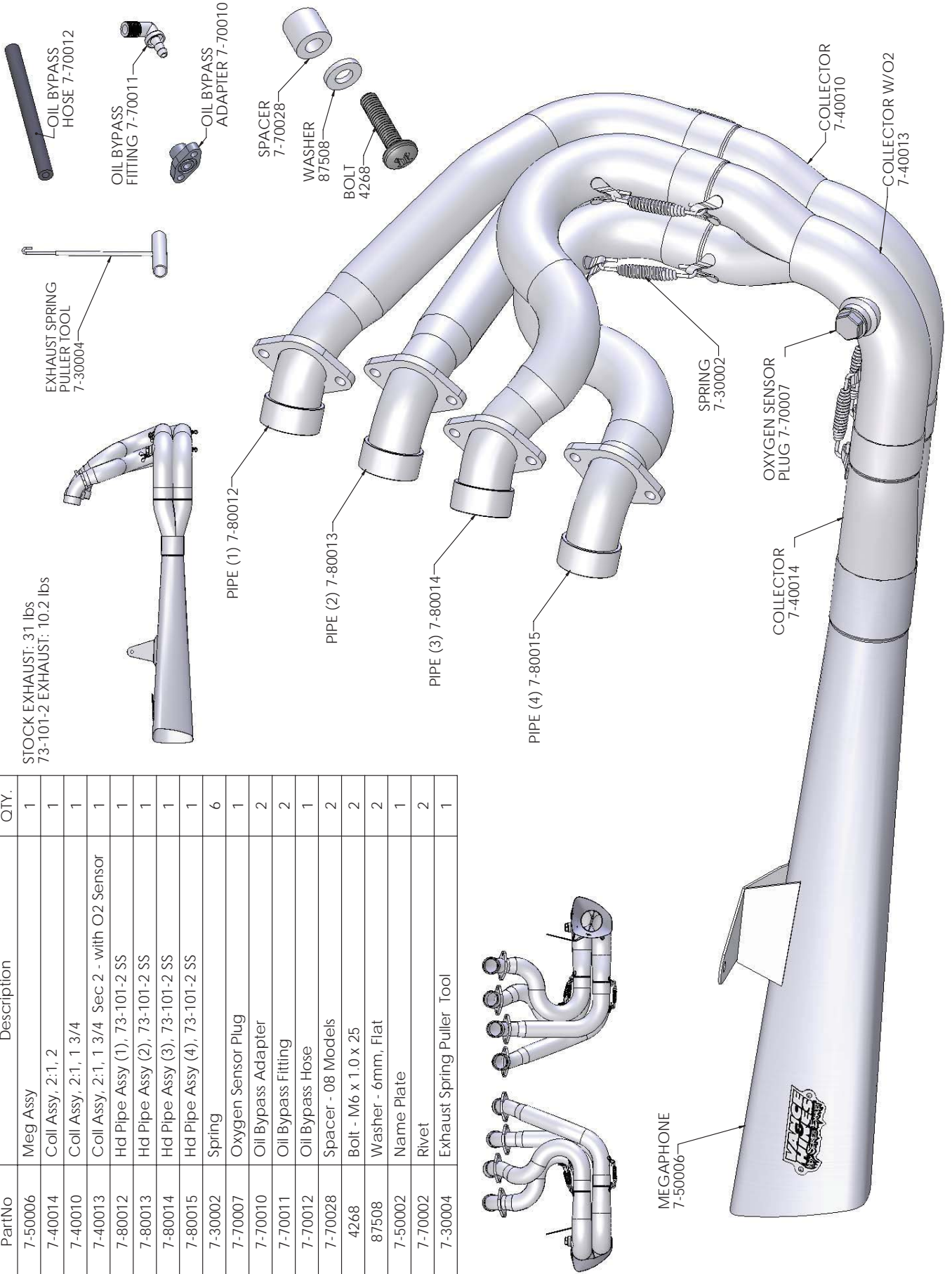
Opening Hours – Monday through Friday, 8am – 5pm, Eastern Standard Time

Due to the nature of high performance racing products and services, Vance & Hines Motorsports products are sold without any express warranty or any implied warranty of fitness for a specific purpose. Vance & Hines Motorsports shall not, under any circumstances, be liable for any special, incidental or consequential damages including, but not limited to, damage or loss which may arise from sale, installation or use of this product.

# 73-101-2: HAYABUSA 4:2:1 EXHAUST SYSTEM

STOCK EXHAUST: 31 lbs  
73-101-2 EXHAUST: 10.2 lbs

73-101-2 PARTS LIST		
PartNo	Description	QTY.
7-50006	Meg Assy	1
7-40014	Coll Assy, 2:1, 2	1
7-40010	Coll Assy, 2:1, 1 3/4	1
7-40013	Coll Assy, 2:1, 1 3/4 Sec 2 - with O2 Sensor	1
7-80012	Hd Pipe Assy (1), 73-101-2 SS	1
7-80013	Hd Pipe Assy (2), 73-101-2 SS	1
7-80014	Hd Pipe Assy (3), 73-101-2 SS	1
7-80015	Hd Pipe Assy (4), 73-101-2 SS	1
7-30002	Spring	6
7-70007	Oxygen Sensor Plug	1
7-70010	Oil Bypass Adapter	2
7-70011	Oil Bypass Fitting	2
7-70012	Oil Bypass Hose	1
7-70028	Spacer - 08 Models	2
4268	Bolt - M6 x 1.0 x 25	2
87508	Washer - 6mm, Flat	2
7-50002	Name Plate	1
7-70002	Rivet	2
7-30004	Exhaust Spring Puller Tool	1





## Fairing Template

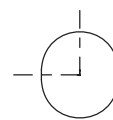
### Clearance Cut Outline

1. Cutout the template.
2. Align the page bolt hole with the bottom fairing bolt hole also the page bottom line with the edge of the fairing.
3. Remove the protective paper.
4. Stick template to fairing as indicated in step 2.
5. Follow step 11 in page-1.

Template is available for download on our website.



← Bolt Hole



Bolt Hole

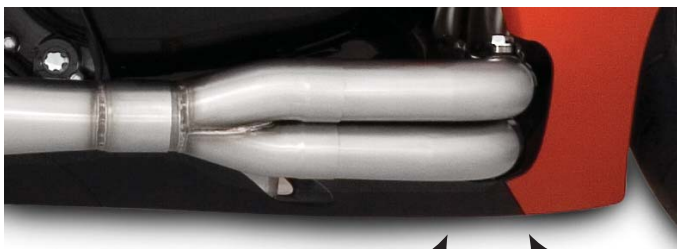


## Fairing Template

08 Models Clearance Cut Outline

1. Cutout the template.
2. Align the page seam line with the fairing seam also the page bottom line with the edge of the fairing, start from left to right.
3. Stick template to fairing as indicated in step 2.
4. Follow installation step 5 in page-1.

Template is available for download on our website.



Edge

Seam

Fold

Edge Line

Seam Line

**PRINT TO SCALE**