



Cat Removal D-Plate

PART# - RY1819

APPLICATIONS: US Model GP1200R/1300R, XLL/XLT1200 & XR1800

INSTALLATION INSTRUCTIONS

Removing OE Exhaust

1. Remove wrist lanyard; disconnect battery cables, spark plug wires and turn fuel valve to off position.
2. **FOR GPR's:** Remove battery and fire extinguisher container from battery tray. Next, remove the electrical box by removing the two OE M8 nuts and washers on each side of electrical box holding it to the front of the battery tray. **NOTE: Be careful not to cut or damage wiring around and/or leading into electrical box.** Then, remove battery tray by removing the four cap nuts and lay electrical box down behind bulkhead.

FOR XLL & XLT's: Proceed to step 3.

3. Loosen the two OE hose clamps that retain the large black exhaust boot/cooling coupler and slide boot/coupler forward over OE exhaust head pipe. (**Refer to illustration #1**) Disconnect catalytic converter and exhaust outlet temperature sensors at their connectors located on side of electrical box. Loosen hose clamp retaining OE exhaust outlet flange to exhaust outlet water box coupler. (**Refer to illustration #1**)
4. Remove the M10 X 50mm bolts holding the two OE exhaust brackets to cylinder head and the one M8 X 35mm bolt holding the exhaust tail pipe to the exhaust mount at rear of engine. Leave exhaust bracket mounted on rear of engine in place. Remove rear section of OE exhaust system by loosening the OE #64 hose clamp on the gray coupler that joins the OE exhaust head pipe to the catalytic converter.

5. Remove catalytic converter from rear section of OEM exhaust by removing the 6 M8 X 100mm bolts and replace with Cat Removal D-plate. (**Refer to illustration #2**) D-plate will install only one way. Opening faces down. (We recommend using Permatex® Copper SPRAY-A-GASKET® Hi-Temp Adhesive Sealant when reusing exhaust gaskets. This is available through RIVA Racing's parts department [part# 80697] or most automotive stores. Please follow manufacturer's instructions when using sealant.)

6. Install rear section of OE exhaust by following steps 3 & 4 in reverse order. Torque OE M8 exhaust bracket bolts to 39Nm (3.9 m/kgf • 28ft/lbs) when installing. **Use Loctite 271 on threads. Do not overtighten hose clamps.**

7. Slide the large black exhaust boot/cooling coupler onto rear section of exhaust and secure using OE hose clamps (see Installation Recommendations & Tips). **Do not overtighten hose clamps.**

8. **For GPR's:** Install battery tray, electrical box, battery and fire extinguisher in reverse order of step 2.

For XLL's & XLT's: Proceed to step 9.

9. Check bilge area for tools, loose lines and/or fittings. Reattach battery cables and turn fuel valve to on position.

10. Upon completing installation, run engine on flush kit and check for leaks. After allowing engine to cool, go over all hose clamps to make sure they are seated properly. After your first test-ride we recommend you go over all hose clamps again after allowing engine to cool to ensure they are tight and seated properly.

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INSTALLATION RECOMMENDATIONS & TIPS

- ✓ Carburetor mixture screws may need to be adjusted. Settings will vary due to altitude, climate and level of modification to craft. Tamper caps will need to be removed in order to make adjustments. We recommend the following at sea level:
 - Stock, Stage I to Stage II GP1200R, XL1200Ltd & XLT1200: Stock low speed; 1-1/4 +/- high speed. Stock pop off and needle & seat. Add .020" clearance between accelerator arm and cam. (These are starting points only. Always tune using an aftermarket tachometer and check spark plugs.)
 - Single Pipe Big Bore: Contact our technical department by phone; (954) 247-0705 or e-mail tech_support@rivaracing.com.
- ✓ Prior to installing any couplers we strongly recommend you thoroughly clean all couplers and mating surfaces with a non-residual cleaner such as PJ-1 Super Cleaner. This is available through RIVA Racing's parts department (part# 536003) and at most motorcycle dealerships. Only use window cleaner to ease installation. **DO NOT** use any type of lubricant or solvent!
- ✓ If you aren't using an aftermarket CDI we recommend installing a RIVA Cat Temp Sensor Chip (part# RY115-20). This will mimic the signal sent to the OEM CDI by the catalytic converter's temperature probe preventing CDI flutters, warning devices and engine shut downs due removal of catalytic converter and sensor.

Technical Support

For answers to questions regarding installation or trouble shooting RIVA Performance Products contact: RIVA Technical Support directly at (954) 247-0705 or by e-mail at tech_support@rivaracing.com.

1-Year Limited Warranty

RIVA Racing Cat Removal D-plates carry a one-year limited warranty to the original purchaser. They are warranted to be free of defects in materials and workmanship under normal use and service. Customer modified components will be void of warranty. This warranty is limited to defects in the primary components only. Finish and/or wear marks in or on primary components are not covered under this warranty.

RIVA Racing's liability is expressly limited to the repair or replacement of the components contained within or associated with this kit. RIVA Racing agrees to repair or at RIVA's option, replace any defective unit without charge, if product is returned to RIVA Racing freight prepaid within the warranty period. Any equipment returned which, in RIVA's opinion, has been subjected to misuse, abuse, overheating or accident shall not be covered by this warranty.

RIVA Racing shall have no liability for special, incidental or consequential damages or injury to persons or property from any cause arising from the sale, installation or use of this product.

No other warranty, express or implied, including, but not limited to the implied warranties of merchantability and fitness for a particular purpose, applies. Various states do not allow for the limitation of incidental or consequential damages and therefore the above exclusion or limitation may not apply to you.

Warranty does not include the expenses related to freight or transportation of parts or compensation for any inconvenience or loss of use while being repaired. A copy of the original invoice must accompany all warranty claims.

Warranted replacement parts will be returned freight collect.

Remember the water belongs to everyone! Please ride responsibly!

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INSTALLATION IMAGES

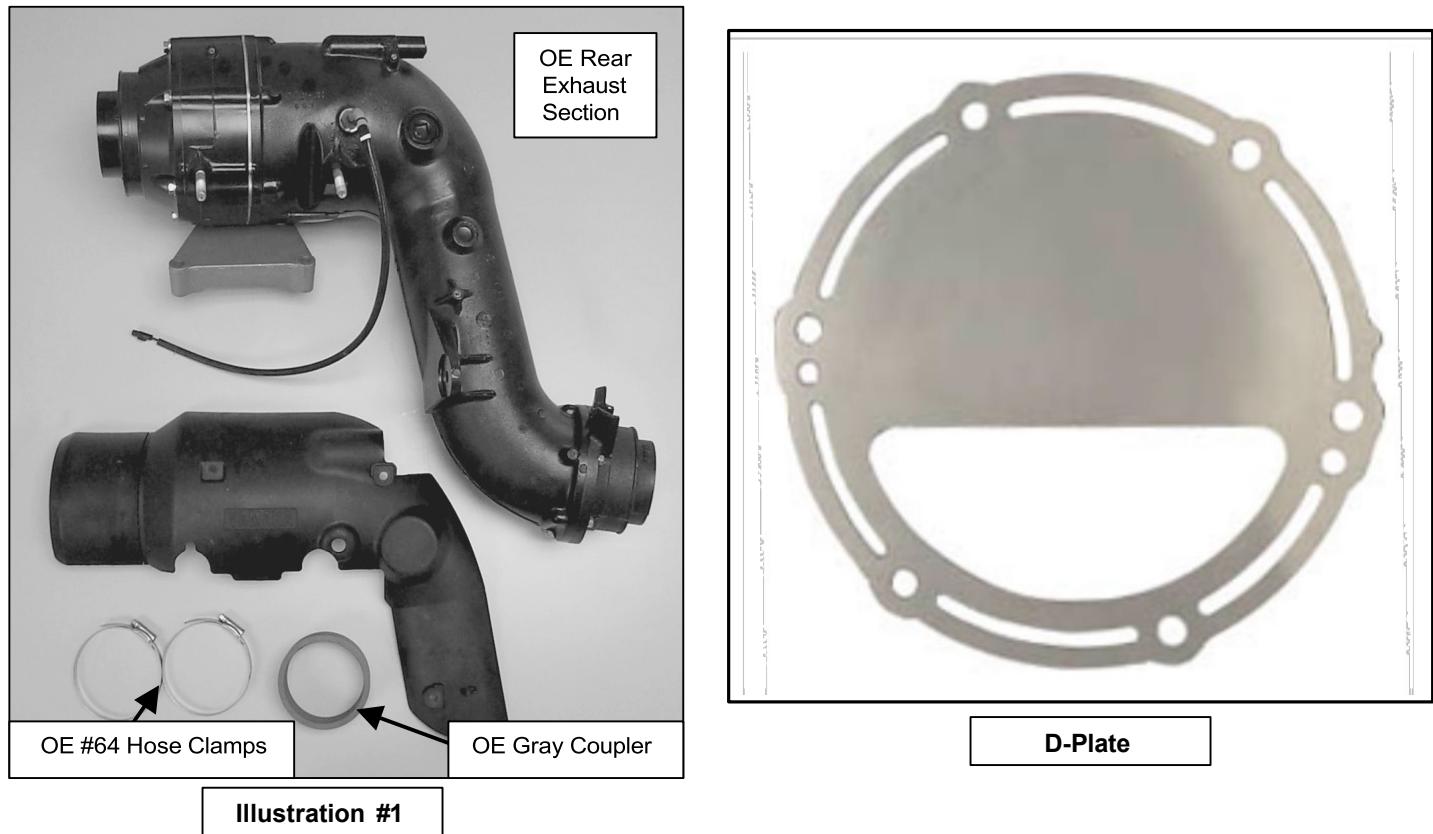


Illustration #1

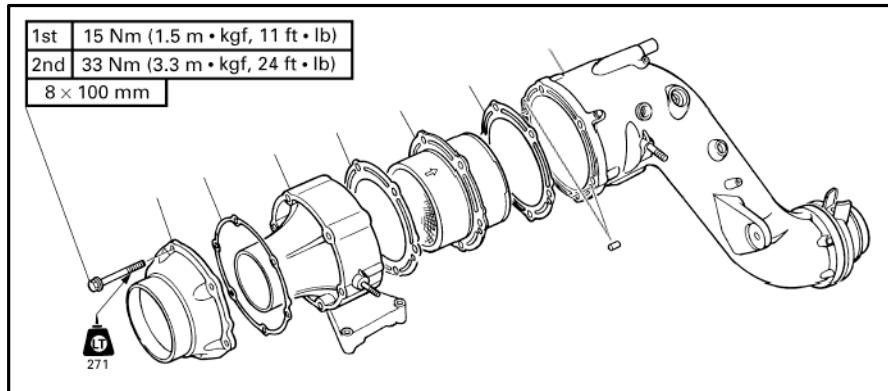


Illustration #2