



Muffler Mounting Kit

Groundsmaster® 4000 Series Traction Units

Part No. 112-9120

Form No. 3357-999 Rev. A

Installation Instructions

1. Loosen the clamp securing the exhaust pipe to the muffler (Fig. 1).
2. Remove the (2) screws and nuts securing the muffler tab to the exhaust mount assembly (Fig. 1).
3. Remove the (4) screws securing the muffler and the gasket to the engine (Fig. 1). Remove the muffler from the exhaust pipe and the engine. Remove the gasket.

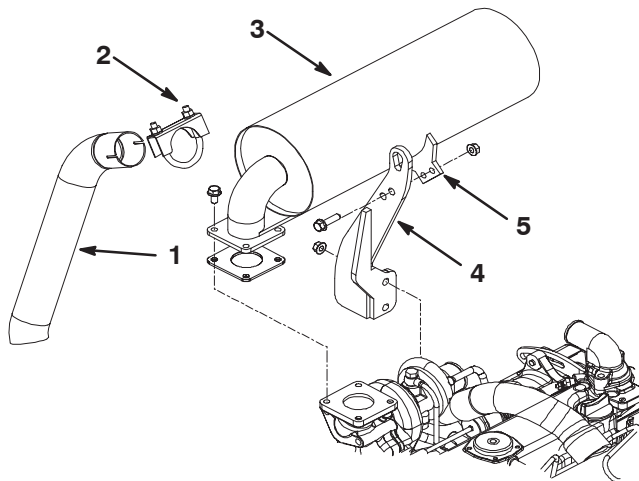


Figure 1

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|-----------------|---------------------------|
| 1. Exhaust pipe | 4. Exhaust mount assembly |
| 2. Clamp | 5. Muffler tab |
| 3. Muffler | |

4. Remove the (2) nuts securing the exhaust mount assembly to the engine manifold studs (Fig. 1). Remove the exhaust mount assembly.
5. Loosely install the new exhaust mount assembly onto the threaded studs with (2) new nuts (Fig. 2). Do not tighten the nuts at this time.
6. New engine manifold studs are included with the kit and may be installed if the existing studs are damaged. The studs are threaded into a coolant passage in the cylinder head so they must be replaced as follows:
 - A. Drain the engine coolant.
 - B. Remove the studs.
 - C. Apply thread sealant to the new studs and install into the engine manifold.
 - D. Tighten the studs.

7. Loosely install the new top exhaust mount to the engine with (2) screws (Fig. 2). Do not tighten the screws at this time. The top exhaust mount is positioned to the front of the exhaust mount assembly.

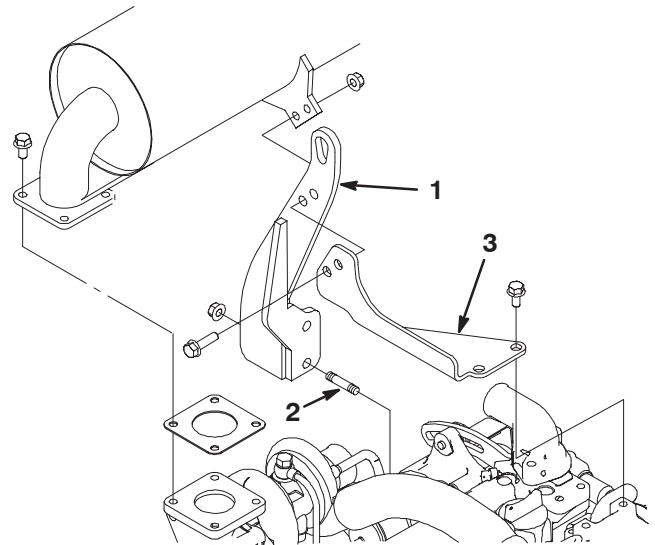


Figure 2

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|---------------------------|----------------------|
| 1. Exhaust mount assembly | 3. Top exhaust mount |
| 2. Engine manifold stud | |

8. Loosely secure the muffler and gasket to the engine with the (4) screws previously removed. Do not tighten the screws or clamp at this time. The muffler tab is to be positioned to the rear of the exhaust mount assembly.
9. In the following order, torque the fasteners as specified.
 - Four screws securing the muffler and gasket to the engine – 16 to 22 ft-lbs.
 - Two nuts securing the exhaust mount to the engine manifold studs – 16 to 22 ft-lbs.
 - Two screws securing the top exhaust mount to the top of the engine – 13 ft-lbs.
 - The two screws and nuts securing the exhaust mount assembly and the top exhaust mount to the muffler tab – 16 to 22 ft-lbs.
10. Tighten the clamp nuts securing the exhaust pipe to the muffler.