

TECH-TIP

Install Constant Tension Clamps On 10K Intake Assembly

Tools Needed:

Ratchet
5/16" Deep Socket
Flat Head Screw Driver

Model:

GTH-1056

Genie
A TEREX BRAND

TECH-PROTM

SERVICE AND TECHNICAL TRAINING

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Tech Tips Safety Rules



Danger

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury. Many of the hazards identified in the operator's manual are also safety hazards when maintenance and repair procedures are performed.

Do Not Perform Maintenance Unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this tech tip is a supplement to the service manual. Consult the appropriate service manual of your machine for safety rules and hazards.

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Step 1

Ensure the unit is turned off and tagged out to prevent start up.

Caution: The engine and associated components may be hot. Ensure the machine is cool prior to performing work to prevent injury.

Step 2

Locate engine access door on the tank side of the machine.



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Step 3

Open access door and verify the machine is equipped with standard worm drive clamps on intake pipe to turbo intake coupler.

Caution: The engine and associated components may be hot. Ensure the machine is cool prior to performing work to prevent injury.



Step 4

Locate air cleaner assembly and verify that machine is equipped with standard worm drive clamps on 90° elbow.



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Step 5

Loosen clamps on turbo intake coupler.

Caution: The engine and associated components may be hot. Ensure the machine is cool prior to performing work to prevent injury.



Step 6

Loosen clamps on 90° filter coupler.



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Step 7

Remove coupler/intake pipe from turbo inlet.

Caution: The engine and associated components may be hot. Ensure the machine is cool prior to performing work to prevent injury.



Step 8

Remove intake pipe from 90° elbow.

Caution: The engine and associated components may be hot. Ensure the machine is cool prior to performing work to prevent injury.



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Step 9

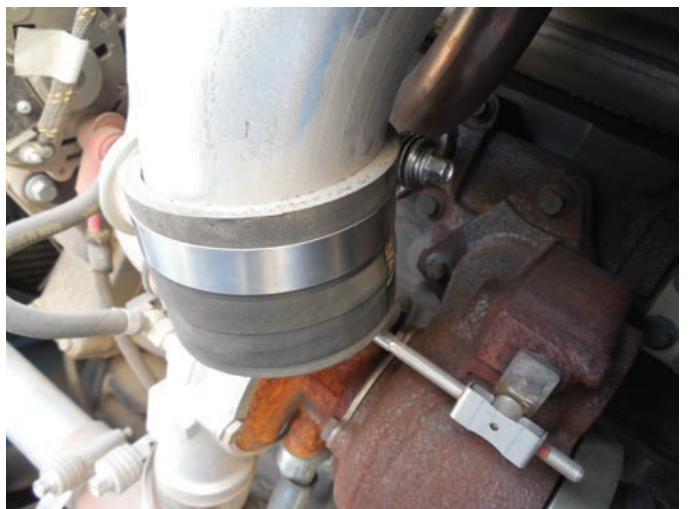
Remove 90° elbow from filter assembly and add new constant tension clamps loosely.



Step 10

Remove old clamps from intake coupler and add new constant tension clamps loosely.

Caution: The engine and associated components may be hot. Ensure the machine is cool prior to performing work to prevent injury.



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Step 11

Install coupler back to turbo intake pipe.



Step 12

Use a flat head screwdriver to disengage air filter clamp.



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Step 13

Install 90° elbow loosely to air filter assembly.



Step 14

Install intake pipe back to 90° elbow, be sure that intake pipe does not interfere with the drive chassis and adjust air cleaner location as needed.



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Step 15

Clamp air filter assembly in place.



Step 16

Tighten down 90° coupler clamps. Check components for play and visually inspect to ensure a good seal.



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Step 17

Tighten clamps on intake pipe to turbo intake coupler. Check components for play and visually inspect to ensure a good seal.



Step 18

Return unit to service.