7.2 Compressed air system disassembly and assembly

7.2.1 Remove the air compressor, if equipped

Before starting the procedure

WARNING: Hot components can burn.

Severe personal injury can result.

Let the engine and components cool before doing maintenance.

WARNING: Components can be heavy.

Severe injury can result from improper lifting technique.

Use appropriate lifting equipment for heavy components.

NOTE:
Before removal, fasten identification tags on the components for correct installation at assembly. Put caps and plugs on all hoses, fittings, and ports to keep contamination out of the system.

NOTE:
Contain all fluids during the performance of inspection, maintenance, doing tests, adjusting, and repair of the machine. Prepare to contain fluids with the correct containers before opening any compartment or disassembling any component containing fluids. Discard fluids according to the local regulations and the laws.

NOTE:
Fully clean all components to keep contamination out of the system. Contamination can damage the precision components. Complete the disassembly procedures on a clean work surface. Put a clean cloth on top of the components.

Procedure

1. Park the machine on a solid, level surface.
2. Apply the parking brake, stop the engine, and take the key with you.
3. Remove the engine cover (1).
   See the information to remove the engine cover.

Fig. 3

4. Unlock the latches (1), and remove the right side shield (2).

5. Do the same for the other side.

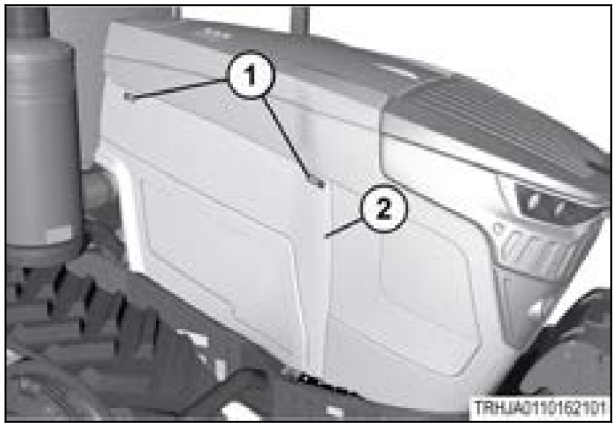

Fig. 4

6. Remove the clamps (1) and the air intake tube (2).

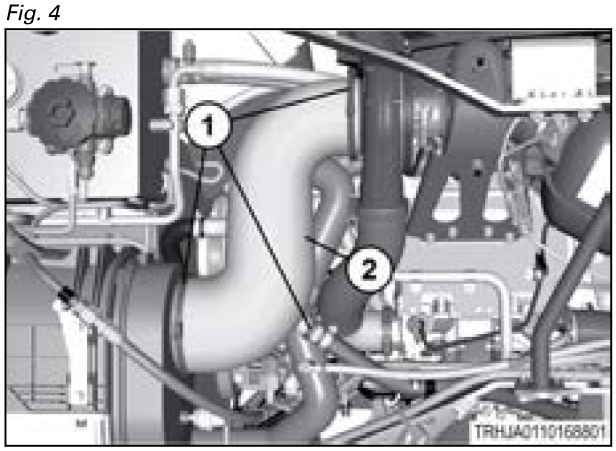

Fig. 5

7. Install a 1/2 inch drive breaker bar into the square drive of the belt tensioners (1, 3). Move the tensioners clockwise and remove the belts (2, 4) from the engine.

WARNING:
Equipment or parts under spring tension can cause bodily injury. Use caution in releasing belt tension.

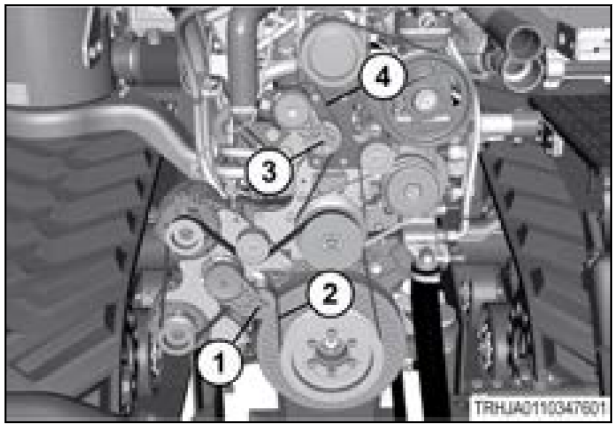

Fig. 6

8. Discard the belts.

IMPORTANT:
Do not use the serpentine belts again. Install new belts when removed.

9. Remove the pressure from the air system.