

Product Information News

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AIRHAWK II® AIR MASK TEST MANIFOLD INSTALLATION INSTRUCTIONS

MSA developed a new test manifold for the AirHawk II Air Mask (P/N 10104068). This manifold should be used when flow testing the AirHawk II Air Mask on a PosiChek³ Tester.

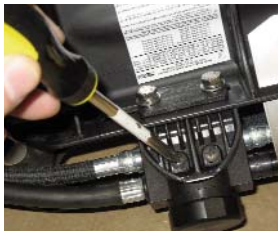
Installing the Test Manifold

1. Depressurize the air mask.

2. Remove the cylinder from the carrier.



3. Use a Phillips screwdriver to remove the two screws that hold the first stage regulator to the bracket.



4. Remove the regulator from the mounting bracket.



5. Remove the residual thread-locking material from the screws.
6. Remove the residual thread-locking material from the regulator body threads.

Note: If necessary, use compressed air to remove thread-locking material and other fragments.

7. Remove the u-clip from the first stage regulator.



8. Pull the low pressure hose (leads to the second stage regulator) from the first stage regulator.



9. Remove the protective cap and screw from the AirHawk II Air Mask Test Manifold.



10. Attach the test manifold to the second stage regulator hose.



11. Tighten the screw.

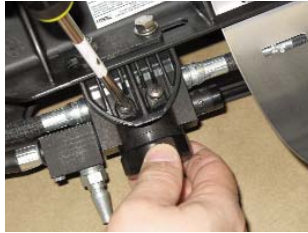


12. Insert the test manifold into the first stage regulator and replace the u-clip.



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- Replace the screws that hold the first stage regulator to the carrier bracket.



Note: Alternatively, the first stage regulator test bracket (P/N 10069386) can be used instead of assembling the first stage regulator to the carrier bracket during Posichek³ testing.

- Connect the test manifold assembly to the intermediate pressure hose on the Posichek³ Tester and conduct testing.



WARNING
DO NOT pressurize the system until all hoses and fittings are properly secured with u-clips. Pressurizing the system with unsecured hoses can cause the hoses to release explosively. Properly install and secure with u-clips all hoses and fittings before pressurizing the system. Failure to follow this warning can result in serious personal injury or death.

Removing the Test Manifold

- Depressurize the air mask.

- Disconnect the test manifold assembly from the intermediate pressure hose on the PosiChek³ Tester.



- Remove the two screws that hold the first stage regulator to the carrier bracket.



Note: Alternatively, remove the first stage regulator test bracket (P/N 10069386) if it was used instead of assembling the first stage regulator to the carrier bracket during Posichek³ testing.

- Remove the u-clip and remove the test manifold from the first stage regulator.



- Loosen and remove the screw from the test manifold.



- Remove the test manifold from the second stage regulator hose.



- Replace the protective cap and screw on the AirHawk II Air Mask Test Manifold.



- Connect the low pressure hose (leads to the second stage regulator) to the first stage regulator.



- Install the u-clip to the first stage regulator.



- Position the regulator on the mounting bracket.
 - Align the regulator mounting holes with the mounting bracket holes.
- Apply Loctite 222 (P/N 29787) to each screw.

Note: New screws have pre-applied thread-locker and do not require Loctite 222 application.