

Testing Procedure Dual System ABS

Please follow the steps carefully, in order, during testing. The underlined sections are the test criteria.

During every use follow the instructions, also read the product information

1. Open the Backpacks ABS bags. On the back of each orange bag there is a black manifold that has a small red deflation valve. Push the valve in several times. It should return back each time. Repack the bags. Be sure the manifolds are viewable from inside the pack through the webbing material.
2. Weigh the cartridge and compare with the figure on the bottom of the cartridge. A difference of 5 grams is acceptable.
3. Inspect the cartridge receiver valve unit for dirt or damage. Clean if necessary. **Never insert a cartridge into a damaged receiver valve !**
4. Screw cartridge into receiver. Turn until fully seated.
5. Connect the white release handle to the end of the pressure hose. Line up and push in. The cartridge case must snap back by itself.
6. Close black and red locking (Velcro) straps tightly around release handle
7. Put on backpack, closing hip belt and chest strap
8. Loosen red locking strap at the release handle about 3cm (1 inch). Otherwise extreme force is necessary to release system
9. Release the system with a strong, quick pull on the release handle. Pull force required is about 8kg (16lbs)
10. The airbags are visually full within 2-3 seconds. In above freezing temperatures the system will have excess gas, which will lead to long hissing sounds. The airbags will be filled very tightly.
11. Remove release handle by undoing the black and red straps. Push the cartridge case up. The release handle falls off without having to pull on it.
12. Take pack off. Both bags should be equally full and hissing sounds should have stopped.
13. Let the backpack with inflated bags remain for 2-3- minutes. Even though the airbags are continually releasing air there should be very little pressure loss in the first 3 minutes. **Should there be significant loss of air the test is not successful !**
14. Unscrew cartridge and deflate bags.
15. Pack bags as described in step 1
16. Send the release unit (cartridge and release handle) in the Styrofoam pack back to your dealer.

If your ABS system fails the test do not attempt to use it. Call your ABS representative.