OIL COOLER INSPECTION

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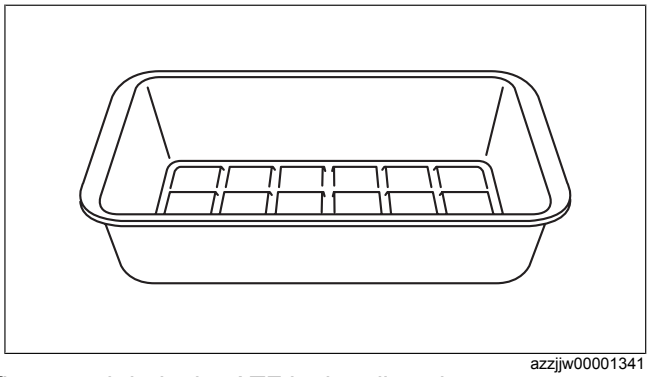
1. Prepare a clean oil receptacle.



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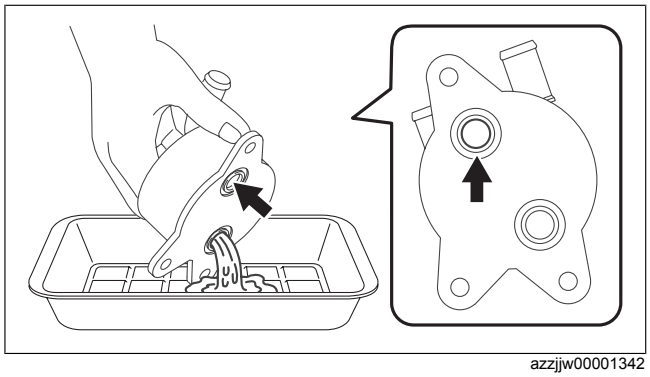
2. Blow compressed air into the oil passage shown in the figure and drain the ATF in the oil cooler.

Warning
- **Always wear protective eye wear when using the air compressor. Otherwise, ATF or dirt particles blown off by the air compressor could get into the eyes.**

Caution
- **Perform the work at a position where the ATF in the oil cooler can be drained into a clean oil receptacle.**
- **To prevent damage to parts, always use an air compressor which is adjusted to the indicated pressure.**

Compressed air pressure
491—882 kPa {5.01—8.99 kgf/cm^2, 71.3—127.0 psi}



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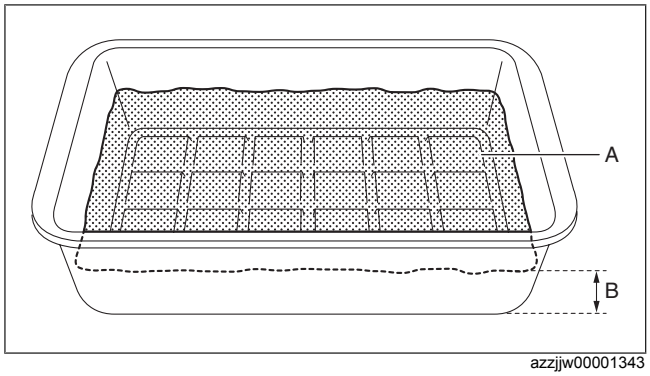
3. Dispose of the ATF in the oil receptacle and clean the oil receptacle.

4. Add water into the clean oil receptacle.

Note
- Add water until the water depth reaches approx. 70 mm {2.8 in}.

A : Water
B : Approx. 70 mm {2.8 in}



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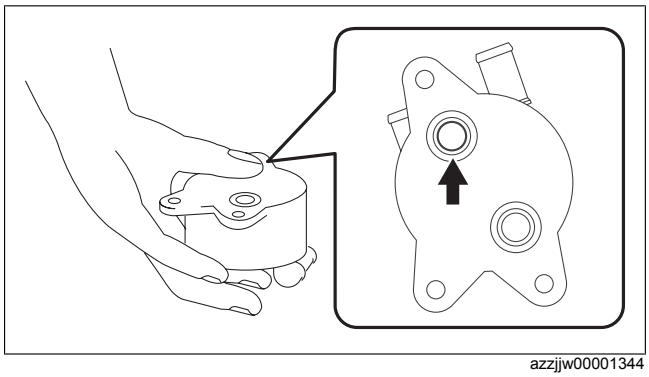
5. Cover the oil passage by hand.



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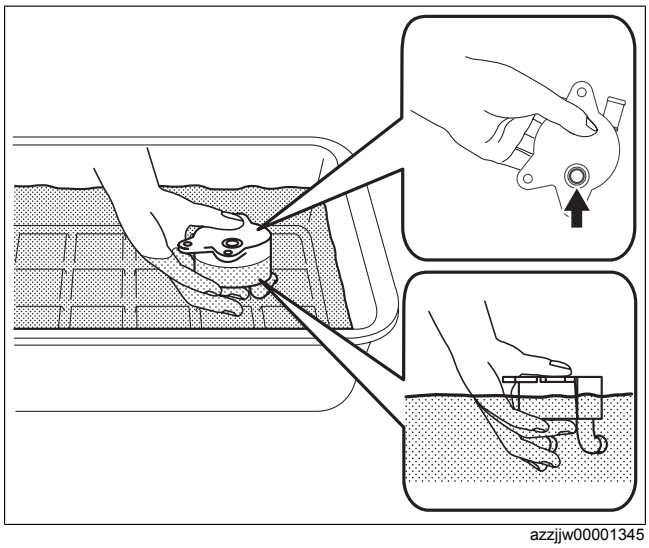
6. Immerse the oil cooler in the water in the oil receptacle to the level shown in the figure.

Caution
- **Be careful not to allow water to penetrate the oil passage shown in the figure. If water penetrates the oil passage, flush and drain the water in the oil cooler oil passage. (See OIL COOLER CLEANING.)**



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7. Blow compressed air into the oil passage shown in the figure, apply compressed air pressure to the oil cooler for 3 min, and verify that there is no air leakage from the part which was soaked in water in the oil cooler.

Warning
- **Always wear protective eye wear when using the air compressor. Otherwise, ATF or dirt particles blown off by the air compressor could get into the eyes.**

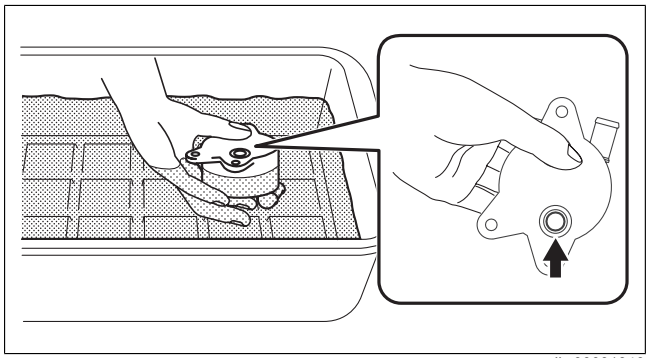
Caution
- **To prevent damage to parts, always use an air compressor which is adjusted to the indicated pressure.**

Note
- A small amount of air leakage due to the compressed air pressure from the area where the oil passage is covered by your hand is of no concern, therefore, apply compressed air pressure to the oil cooler for 3 min.

Compressed air pressure

150—200 kPa {1.53—2.03 kgf/cm^2, 21.8—29.0 psi}

- If there is a malfunction, replace the oil cooler with a new one.



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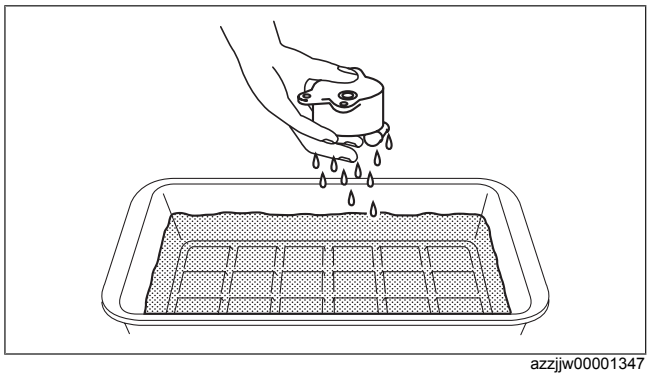
8. Remove the oil cooler from the water and wipe off any water remaining around the oil cooler.
9. Dispose of the water in the oil receptacle and clean the oil receptacle.



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