

User manual Manufacturer's instructions

SI 13400_4313



This device is released for use with TUNAP MF 933 valve cleaning granulate only. Use with any other product may cause operating and safety problems. The following safety precautions must be applied to prevent damage to the device, parts to be cleaned or persons.

- Never point the device at any person or animal.
- Wear protective clothing when using the device. Protective goggles and gloves are recommended.
- Maintenance and service may only be carried out by the manufacturer.
- For safety reasons only original TUNAP spare parts (hosing, nozzles, connecting equipment) and accessories may be used.

The safety rules, workplace regulations and occupational safety rules of the country concerned or place where the product is used must be adhered to.

Cleaning instructions



1. Cover delicate bodywork parts.
2. Remove intake manifold and attached parts.
3. Seal all apertures to protect against cleaning granulate that may be discharged.
4. Connect the pressure controller (8) to the garage compressed air system.
5. Adjust the compressed air to 4 bar using the pressure controller (8).
6. Connect the spray gun (1) with the compressed air hose (6) to the pressure controller (8).



7. Adjust the cylinder to be cleaned to Top Dead Centre to ensure the valve is closed. **Note. Cleaning may only be carried out with the valves shut.**
8. Insert the adaptor hose (7) with suitable end in the intake duct.
9. Connect the garage vacuum cleaner to the adaptor hosing (7).
10. Cover the remaining intake ducts to protect them against cleansing granulate discharge.



11. Insert suitable spray nozzle (2, 3) through the adaptor hose (7) toward the valve / intake area to be cleaned.
12. Turn on the garage vacuum cleaner.
13. Spray dirty valves for about 20 - 30 seconds.

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14. Check cleaning (with an endoscope if necessary). Repeat the procedure as often as needed to get a satisfactory result.



15. Connect the blow gun (4) to the compressed air system.
16. Use it to blow residual granulate off the intake and valve areas.
17. Turn the garage vacuum cleaner off.



18. Remove the adaptor hose (7).
19. Spray a little MF 936 neutralisation solution into/onto the intake and valve areas to dissolve any granulate left. Note that one container of MF 936 neutralisation solution suffices for 3 - 6 vehicles.



20. Cover intake ducting with a cloth and use the blow gun (4) to get rid of the neutralisation solution residue.

Repeat items 7 to 20 above on/in each cylinder to clean further valves and manifolds.