

SERVICE LETTER – ATOM80

Oil leakage from the vent hole



1. *Applicability*

Engine model	Production period / Serial number
Atom80	Every engine Atom80

2. *Reason*

The oil vent system passes through the central hub of the gear. It is important that the engine remains in a vertical position, i.e. keeping the propeller vertical as when it is in flight. Otherwise, if the motor or just the reduction drive is lying horizontally on the ground for few hours (for instance during a transportation by car), some oil could fill the vent hole due to the position and gravity. When the engine is started again in vertical position, the pressure generated by the rotation of the gears will cause a few drops of oil to come out.

3. *Subject*

Instructions for the correct management of the reduction, during transport operations, to avoid any oil leakage from the ventilation hole. In the event of oil leaking from the ventilation hole, do not be alarmed. Just clean the spilled oil and add 5 ml of oil to the reduction box to compensate for the spillage.

4. *Labor time*

Estimated labor: 5 min.

5. *Mass data*

Change of weight: none.

6. *References*

In addition to this technical information refer to current issue of:

- Engine user Manual
- Illustrated Parts Catalog

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7. Material

Price and availability will be provided on request by VITTORAZI authorized dealer or Service Centers. Material requirement per engine:

Code / Art.	Quant.	Description	Cost of the material FOB
AT160	1	Oil for reduction gear 30 ml	7,00€

8. Rework of parts

None.

9. Special tooling

None.

10. Warning, caution, more attention

In case the engine or the single disassembled reduction drive is shipped, for reasons of air travel or for maintenance service, completely drain the oil inside to avoid leakage. In doubt, do not hesitate to contact your seller.

11. Accomplishment and Test Run

At the end of the work to ensure the correct operation of the service, a ground test is suggested and then a further approval in flight.

12. Inquires

Inquiries regarding this Service Letter should be sent to the VITTORAZI authorized Distributors, Service Centre, Aircraft manufacture of your area. A list of all VITTORAZI representatives is provided on the Vittorazi website (vittorazi.com).

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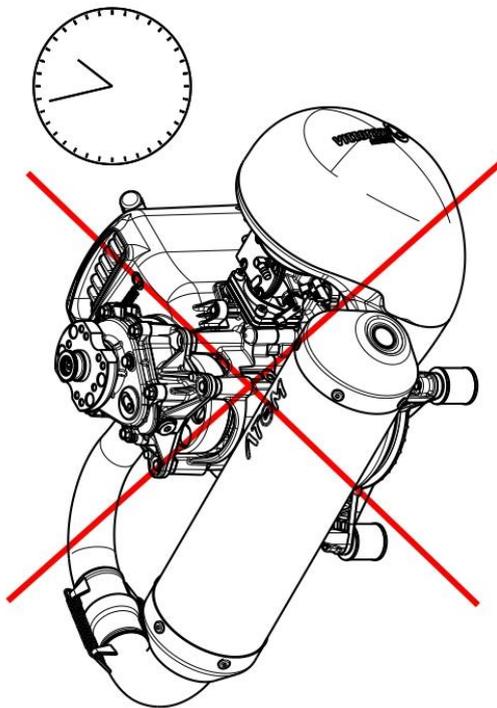
Oil leakage from the vent hole



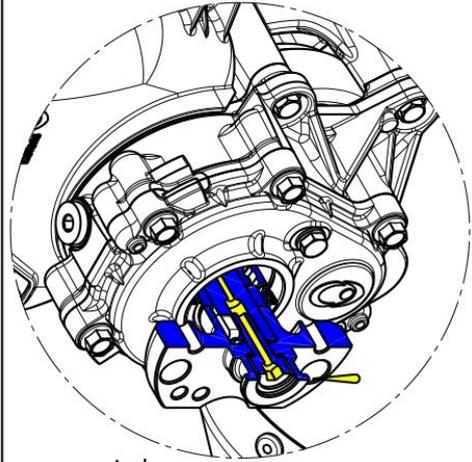
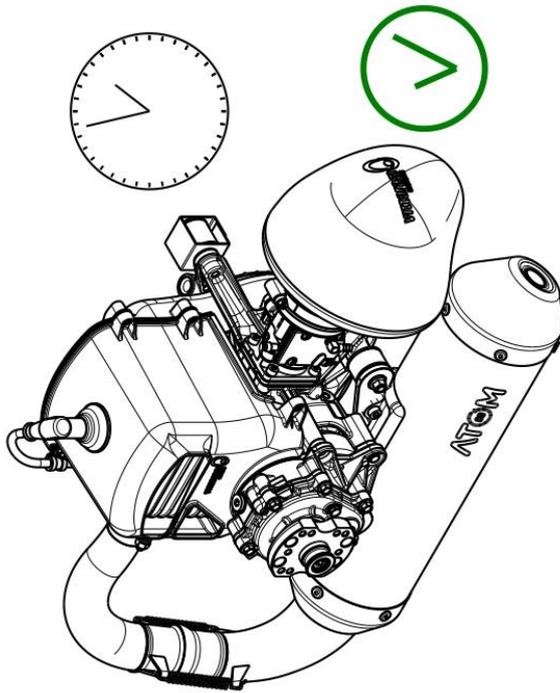
AM04-ATOM80-003-SL_00 - Oil leakage from the vent hole



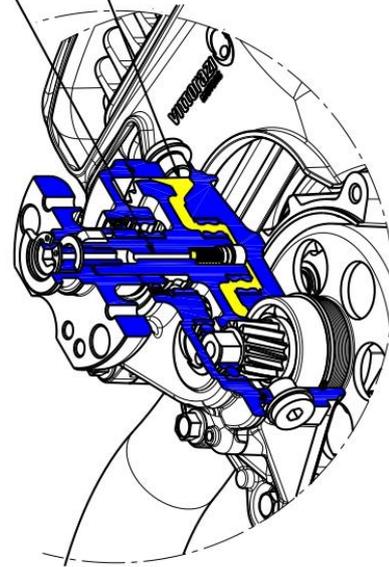
Vittorazi Motors
Via Marche 1 - 62010 Morrovalle (MC) - Italy
Tel./Fax +39.0733.866585 Email: info@vittorazi.com



DON'T KEEP THE ENGINE HORIZONTAL (I.E.: PROPELLER PLANE HORIZONTAL) FOR MORE THAN 15 MINUTES



VENT HOLE
LUBRICANT



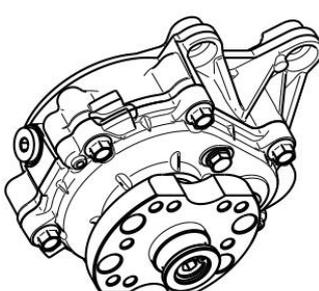
WRONG POSITION MAY CAUSE LUBRICANT INFILTRATIONS IN THE VENT HOLE AND CONSEQUENT LUBRICANT LEAKAGE

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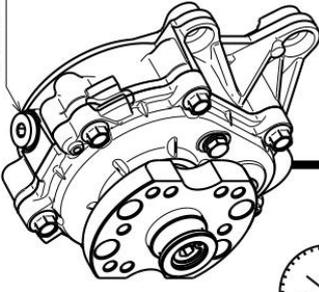
Oil leakage from the vent hole



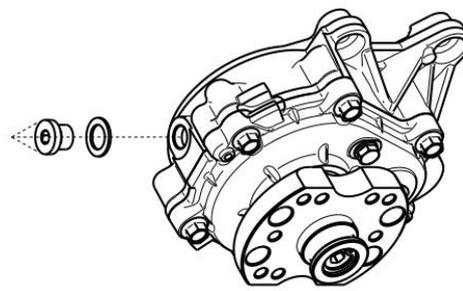
<p>1P06-0001 - Atom 80 - Transmission oil change</p>	<p>VITTORAZI MOTORS</p>	<p>Vittorazi Motors Via Marche 1 - 62010 Morrovalle (MC) - Italy Tel./Fax +39.0733.866585 Email: info@vittorazi.com</p>
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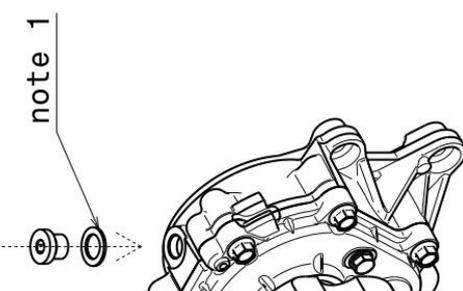
REMOVE



LOOSEN



note 1

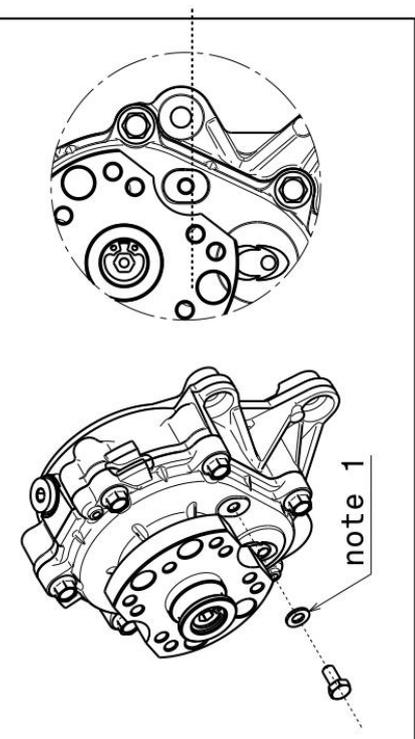


note 1

IMPORTANT! ONLY USE VITTORAZI SPECIFIC OIL CODE: AT160

NOTE 1: ALWAYS REPLACE COPPER SEAL WITH NEW ONE AFTER UNSCREWING

ON ATOM 80 ENGINE PRODUCEDE AFTER THE MY20 VERSION IT IS POSSIBLE TO CHECK THE OIL LEVEL.



note 1

WAIT 10 MINUTES AFTER YOU POUR THE OIL, TO ALLOW THE OIL LEVEL TO SETTLE