



**CRANKSHAFT KIT
(P/N 861 203 500)**

⚠ WARNING

For safety reasons, this kit must be installed by an authorized Ski-Doo® snowmobile dealer. Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/assembly, always replace with a new one. This instruction sheet should be given to the purchaser. This kit is designed for specific applicable models only. It is not recommended for units other than those for which it was sold.

This kit only applies to the following 2000 model year snowmobiles with a 693 die cast engine:

MODEL	MODEL NUMBER	SERIAL NUMBER
Formula* Deluxe 700	1549/1550/1607	All
Summit* 700/700 SB Millennium Edition/ 700 H.M.	1563/1604/1605/1649/1650	
MX* Z 700/700 SB/ 700 SB Millennium Edition	1577/1578/1579/1602/1603/1621/1622/1646/1647	

NOTE: This kit **does not apply** to Formula* Z 700 models (1553/1554) nor to Summit* 700 (model 1562).

PARTS IN KIT

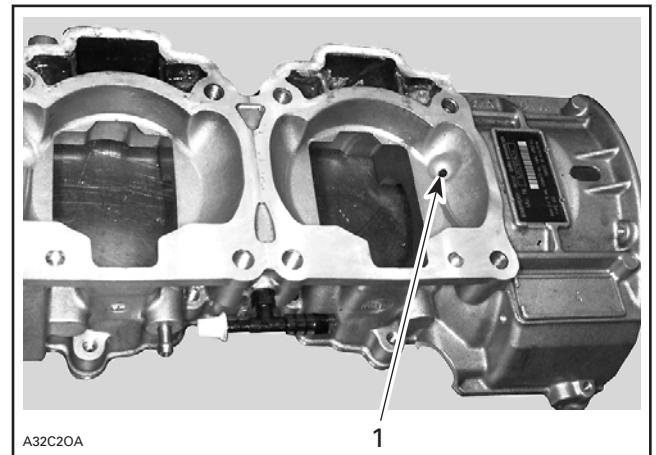
1. Crankshaft
2. Flywheel
3. Starter Pulley
4. M8 x 20 Hexagonal Screw (3)
5. M8 Lock Washer (3)
6. M6 x 16 Taptite Screw

INSTRUCTION

CAUTION: Ensure to follow *Shop Manual* procedure for crankshaft replacement.

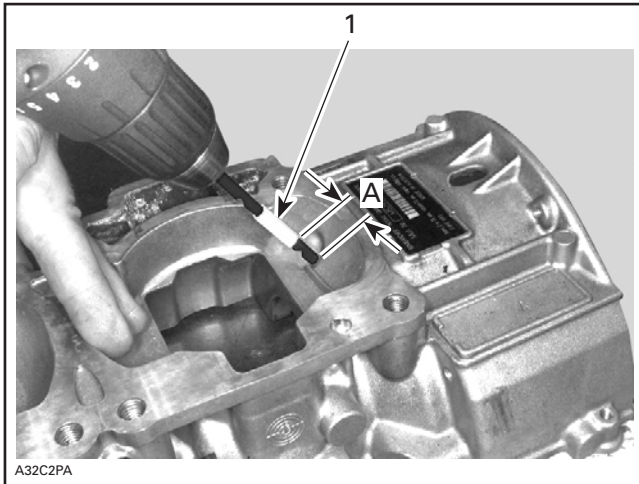
Regular crankshaft replacement procedure applies with the following exceptions:

- Upper half crankcase hole for main bearing lubrication, MAG side, has to be plugged up since MAG side bearings are already filled with the right amount of Klüber Isoflex NB 52 grease.



1. This hole has to be plugged up

Drill hole using a 5.5 mm (7/32 in) drill bit to an approximate depth of 20 mm (25/32 in). Masking tape applied at 20 mm (25/32 in) from drill bit tip will guide the drilling operation.



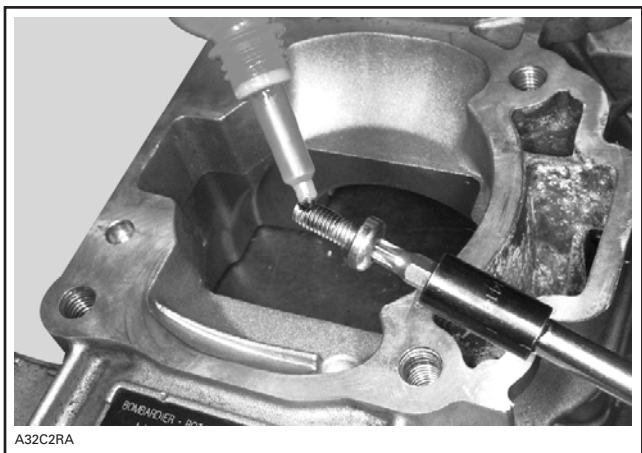
- 1. Masking tape
- A. 20 mm (25/32 in)

Remove metal chips left by drilling.



METAL CHIPS AFTER DRILLING (TO BE REMOVED)

Apply Loctite[†] 648 (green), (P/N 413 711 400), on M6 x 16 taptite screw no. 6. Screw in taptite screw and tighten until positive stop (fully in).



APPLYING LOCTITE 648 ON TAPTITE SCREW



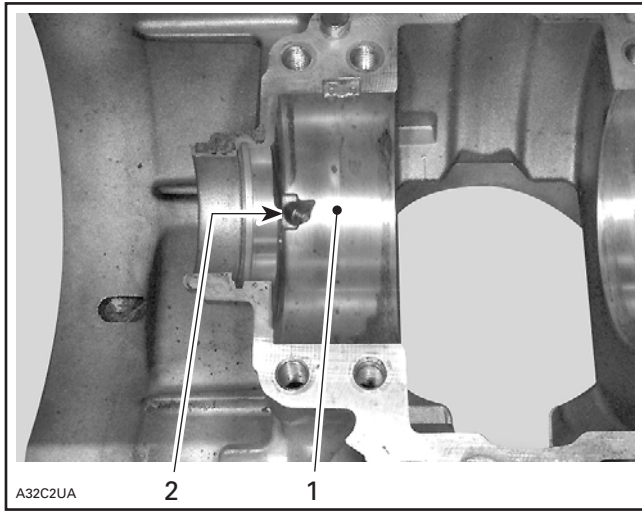
SCREWING TAPTITE SCREW INTO HOLE



HOLE BLOCKED WITH SCREW

[†] Loctite is a registered trademark of Loctite Corporation.

Turn upper half crankcase the other way around and make sure no Loctite 648 has spread out to reach bearing seat; if so, thoroughly clean bearing seat and screw hole.



MAKE SURE BEARING SEAT AND SCREW HOLE ARE CLEAN

1. *Bearing seat*
2. *Screw hole*

- Install new flywheel **no. 2**.
- New starter pulley **no. 3** has to be installed with 3 new M8 x 20 hexagonal screws **no. 4** and M8 lock washers **no. 5** and secured with Loctite 243.

As a reminder, ensure to follow *Shop Manual* procedure for crankshaft replacement.

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1.	420 888 285	Crankshaft	Vilebrequin
2.	420 866 759	Flywheel	Contrepoids
3.	420 852 530	Starting Pulley	Poulie de démarrage
4.	207 182 044	M8 x 20 Hexagonal Screw (3)	Vis hexagonale M8 x 20 (3)
5.	420 945 752	M8 Lock Washer (3)	Rondelle-frein M8 (3)
6.	420 640 321	M6 x 16 Taptite Screw	Vis autotaraudeuse M6 x 16