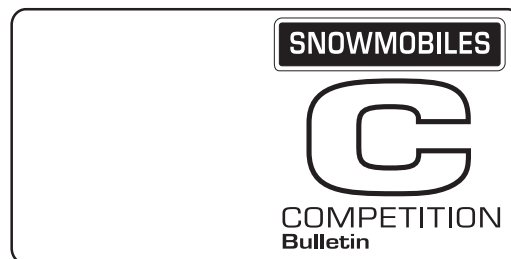


Please route to:

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<input type="checkbox"/> Parts	<input type="checkbox"/>



Date: **January 20, 2005**

Subject: **Drive Sprocket Replacement on Fan Models**

No. **2005-1**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
2005	MX Z 380F	BR5A, BR5B, BR5C	All
2005	MX Z 550F	BP5A, BP5B, BP5C	All

PROBLEM

Under severe racing conditions, it may be possible for the drive sprockets to slip on the drive axle.

SOLUTION

Add outer drive sprockets.

PARTS REQUIRED

DESCRIPTION	P/N	QTY
Half Sprocket	504 152 199	2
Sprocket	504 152 198	2
Bearing	504 152 009	1
Protector	501 017 400	1

PROCEDURE

- Remove rear shock absorber to prevent damaging shock absorber rod.
- Remove rear suspension.
- Remove speed sensor and outer flange.
- Apply parking brake.
- Drain chain case oil.
- Remove chain case cover and release drive chain tension.

NOTE: Lower gear bolts are secured with Loctite † ;heat may be required to remove the bolts. Do not overheat; this could damage seal bearings.

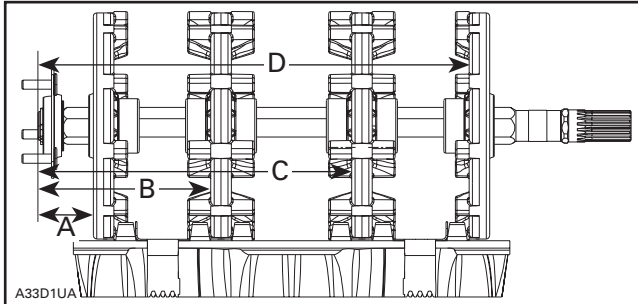
- Remove chain and sprockets from chain case.
- Remove lower bearing retaining C-clip.
- Release drive axle sprocket from track and, at the same time, push drive axle toward right side.
- Remove lower bearing from drive axle and remove shaft.
- To remove press-fitted sprocket, use a press and a suitable support.
- Remove speed sensor adapter.
- Remove C-clip and bearing from shaft, discard bearing and protector.

CAUTION: The same sprocket must not be pressed twice on the axle. Always use new sprockets.

- Sprocket needs to be pushed in and out of the axle by the left side (speed sensor side).

NOTE: To assemble sprocket use a press, a suitable pipe and support.

- Press-in sprockets according to the following dimension measured from drive axle end.



A	B	C	D
48.3 mm (1.902 in)	150.8 mm (5.937 in)	273.8 mm (10.780 in)	376.3 mm (14.815 in)

NOTE: Align the index mark of all sprockets during assembly, to ensure all teeth are properly aligned with the track inner lugs.

NOTE: Never support sprocket by the outside when pressing axle in.

Reverse steps for reassembly.