



TUNE UP KIT

The Tune Up kit includes accessories for the Magna Drive Loader system. Which include 5 different magnet plates, extra magnets, and 2 feed cone springs.

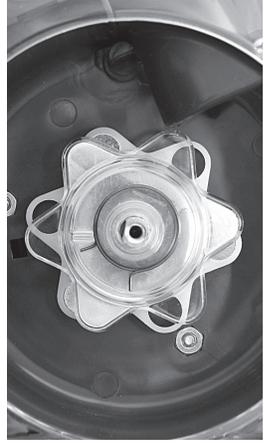
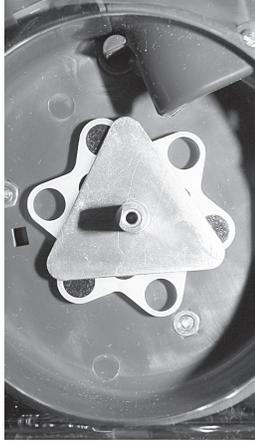
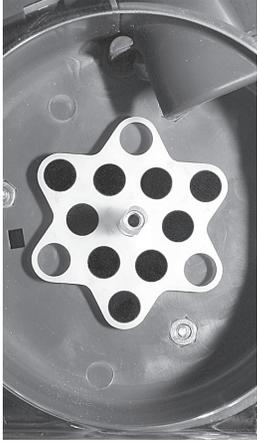
Magnet Plates

- 1) Remove the Drive cone assembly completely.
- 2) There is a metal plate that fits into the bottom of the spring carrier. By changing this metal plate for different configurations you can change the amount of holding force, and the force pulse duration when the clutch slips.

The metal in the center of the magnet plate will supply a constant force to the drive cone. The shaped protrusions on the outside of the magnet plate will supply an intermittent force to the Drive cone when the clutch slips. Too little metal on the inside of the plate may allow the clutch to slip too easily and thus prevent feeding of paintballs.

If you are using paint-less practice balls (rubber) you may want the star shaped metal plate with all the shaped protrusions, and more magnets, as the practice balls have significantly more friction than regular paintballs.

- 3) After you have setup your magnet plate read the Drive Cone installation section for the correct assembly procedure.



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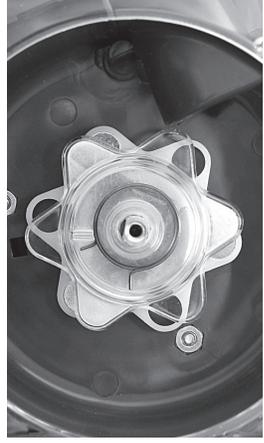
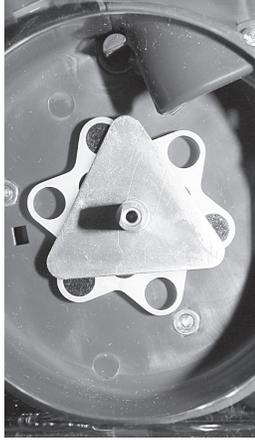
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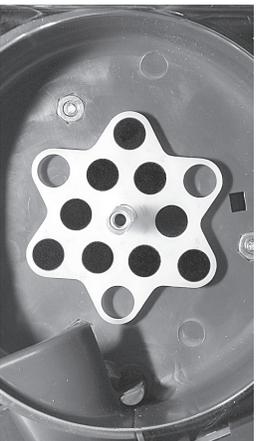


Magnets

- 1) Remove the Drive cone assembly completely.
- 2) On the Magnet holder there are 12 spots for magnets. Usually a total of 6-9 magnets will be used. It is possible to add, remove and reposition magnets according to what marker and paintballs you are using.

The spots for the magnets toward the center of the magnet holder will supply a constant force to the drive cone. The spots on the outside of the magnet holder will supply an intermittent force to the Drive cone when the clutch slips. Too many total magnets may prevent the clutch from slipping at all, while too few magnets will prevent the feed cone from properly feeding paintballs.

The following diagrams are examples of good initial configurations for tournament paintballs:



The following diagrams are good initial configurations for paint-less practice balls (rubber):



- 3) After you have setup your magnet holder read the Drive Cone installation section for the correct assembly procedure.

Feed Cone springs

This kit comes with 2 different feed cone springs. One of them is a soft spring and the other is a stiff spring. Changing these springs will change the amount of tension the feed cone has.

See the **Magna Drive Loader Instructions for detailed Drive Cone and all other Loader assembly instructions.**



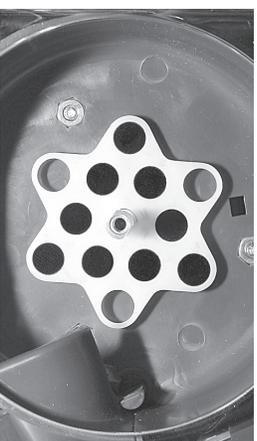
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