



## Paragon Machine Works

### Dedicated 12 mm Sliding Dropout Assembly



#### Prior to Assembly

- Insert should be free of powder coat/paint in any areas that contact the frame component.
- M5 threaded hole must be free of powder coat/paint.
- All components must be clean and dry; do not use lubricants between the insert and frame component.

#### Assembly Instructions

1. Install the M5 x 35 SHCS in the M5 threaded hole on the frame component, with the head of the screw in the slot.
  - A small amount of grease or anti-seize on the screw threads and head is OK.



2. Put the M5 nut on the adjusting screw, followed by the brass thumb nut.



3. Tighten screw/thumb nut:

- With a 4 mm hex key in the head of the M5 x 35 SHCS, use a 3 mm hex key to tighten the thumb nut on the screw.
- With the 3 mm hex key still engaged, tighten the M5 nut against the thumb nut.
- For belt drive adjustments, it may be necessary to Loctite the thumb nut and M5 nut onto the screw.

4. Put the insert in the slot, making sure that the head of the screw sits in the relief in the insert.

5. Put the *washer* (left side)



and *nut* (right side) on the inserts and screw head,



secure with a *keeper screw*.



- The keeper screw holds the washer/nut when the skewer is out, there should be some play in it.

6. Put the M8 x 16 BHCS and washer through the slot and into the insert.



- Holds the insert in position when the wheel is out.
- A small amount of grease or anti-seize on the screw threads is OK.
- Loosen for adjustments and then re-tighten.

7. Insert the skewer.

- Helps to hold the insert in position when assembled.
- Keep it tight during riding.

