



T Hays <claudman231@gmail.com>

RX7 diff build and break-in info doc.

2 messages

Ben Herne <puddymodracing@gmail.com>

Mon, Jul 14, 2014 at 7:58 PM

To: Tim@specs-houston.com

Hi Tim,

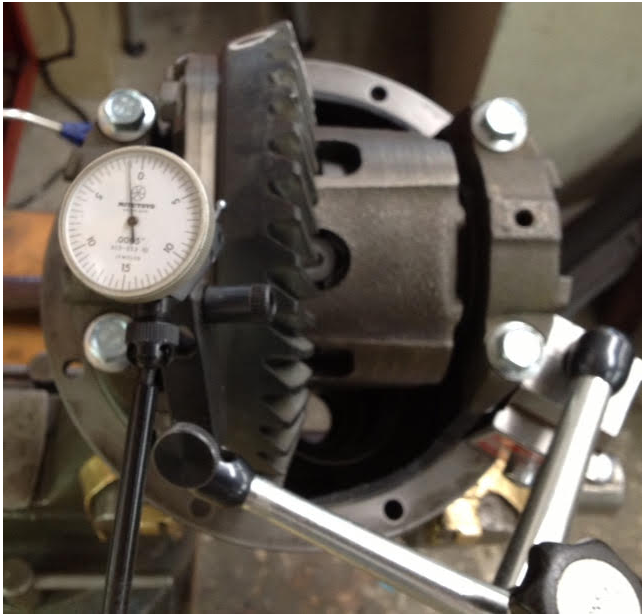
The rear is built and looks great! I finished around 7:30 tonight so I was not able to ship. Rear will ship tomorrow via FedEx ground.

The rear came out great, everything looks and feels perfect. Here are the pics of your build...

This pic shows the assembly...



This pic shows balancing the carrier and the ring gear, balance is about a thousands true round.



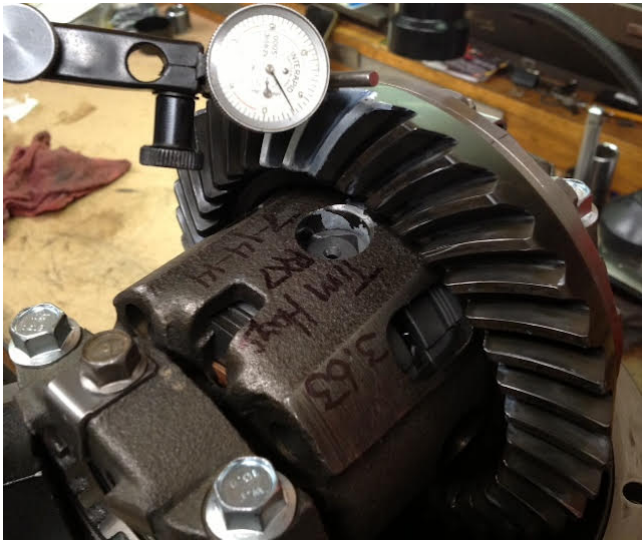
This pic shows the PuddyMod solid steel sleeve being set, note the old (replaced) crush sleeve shown out front of pinion.



This pic shows the turning torque on the pinion after the PuddyMod solid steel sleeve is custom fitted, it is set at 12 inch pounds.



This pic shows the backlash set at 3 to 3.5 thousands, it also shows the perfect gear to gear pattern.



This pic shows the finished rear build. Note the information on the LSD.



THE REAR IS SHIPPED DRY WITH NO OIL INSIDE
PLEASE ADD OIL BEFORE USE

Break in,

This rear will hold power very well but is not bulletproof! Be sure to rev match your shifts! When you launch the car preload the drive train, be smooth, and get some tire spin.

Use a good quality GL-5 Hypoid 75/140 gear oil in the rear. Use this oil in the rear for 500 miles then drain.

Use Amsoil synthetic severe Gear 75/140 gear oil every 12K miles.

When you receive the rear, fill it with oil Be sure not to over fill the rear, fill the rear until the oil starts to come back out of the fill hole. Replace the fill bolt once the oil slows to a light trickle

More Break in:

Drive the car like a civilized human for 300 miles, No launching, power shifts, or hard down shifts. After 300 miles the rear is fully broke in and "normal" driving can begin.

Thanks

Ben

T Hays <claudman231@gmail.com>
To: tim@tshays.com

Sat, Jan 1, 2022 at 12:30 PM

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