



Dynamic C-4 2.20 Rear Planetary Set

Dynamic Racing Transmissions has designed this gear set from a clean sheet of paper, combining different components and custom machined parts to produce the final product.

Built, tested, and track-proven, this is true hard core componentry, extremely effective in calming down squirrely, out of shape Mega HP racers.

Kit Contents

- | | |
|-----------------------|---------------------|
| 1) 8 Pinion Planetary | 1) 2.20 Sun Gear |
| 1) Planetary Hub | 1) Sun Gear Bearing |
| 1) Planetary Bearing | |

Installation

1. Remove the stock gear set assembly from the transmission. This includes the Rear Drum, Drive Hub, Stock Planetary and Sun Shell Assembly.
2. Discard the Stock Planetary, Drive Hub and the two Thrust washers that sandwich the planetary.
3. Remove the stock sun Gear from the Sun shell by removing the circlip located around the sun gear, inside the sun shell.
4. Slide the old gear out of the Sun Shell, remembering to retain the thin washer on the front of the shell.



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5. Thoroughly clean the Sun Shell and the thin washer. At this time you may replace your Sun Shell with one of Dynamic's Polished Lightened Sun Shell's P/N DA4DS1
6. Take the new 2.20 Sun Gear and the large Sun Gear Roller from the package and slip the bearing over the small end of the gear assembly. Make sure the printed stripe on the bearing faces the Sun Shell.



7. Install one of the Sun Gear snap rings over the small end and down so that it seats on the groove just above the roller bearing.



8. Now, place the stock Sun Gear Washer over the small end of the gear. Then install the sun Shell onto the Sun Gear. Lock it in place using the second snap ring inside the shell. Be sure it seats in the second groove firmly.



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9. With the Sun Shell/Sun Gear Assembly facing upward, Place the 8 Pinion Planetary onto the large gear of the 2.20 Sun Gear.



10. Install the small Roller Bearing into the recess of the 8 Pinion Planetary



11. Now Place the new Welded Planetary Hub over the 8 Pinion Planetary, rotating to mesh the gears.

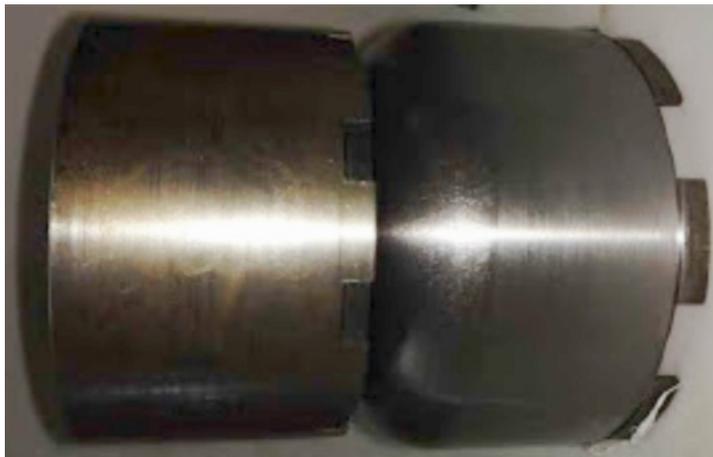


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12. Now install the stock 3 tang thrust washer into the rear drum. A little Transgel or Vaseline under the washer will hold it in place. A Machined & Rollerized drum is available at extra cost from Dynamic.



13. Place the Rear Drum over the drive hub assembly, interlocking the tangs of the 8 Pinion Planetary with the slots in the drum. Make sure the tangs fully seat in the drum slots.



14. Reinstall the assembly into the transmission.

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