

# HOW TO CUT THE CRANKSHAFT

Some engines have long crankshafts which must be cut shorter to fit in Associated's nitro kits, such as the RC10GT and Nitro TC3. These instructions, originally found in the GT instruction manual, will direct you step-by-step how to cut the crankshaft safely.

## Items needed

- Dremel© tool.
- Fiber reinforced cutoff wheel. **WARNING!** For your own safety, we recommend using only the fiber reinforced wheels, not the cutoff stones. The cutoff stones can shatter and cause injury.
- Safety glasses or goggles.

- 1 Install the fiber reinforced cutoff wheel on the Dremel tool and put on your safety glasses.
- 2 On the gas engine install one #7618 or #7617 spacer, one #7618 collet, and your #7610 or #7612 flywheel. The flywheel will fit over the collet (they are a tapered wedge fit). Now install the #7620 cutoff nut so the threaded end is away from the flywheel.
- 3 Mark the end of the cutoff nut where you are going to cut the crank, then remove the cutoff nut and flywheel.
- 4 Place the engine inside a plastic bag. Push the end of the crankshaft through the plastic bag until the end of the crankshaft protrudes through the bag. Make sure the hole is tight around these parts to prevent metal shavings from going into the engine.
- 5 Take your time to do this step. Cut the crankshaft at the mark with your Dremel tool. Deburr the end. **WARNING!** Never work with a power tool without wearing safety glasses or goggles! Make sure all parts of your body and any clothing are away from the Dremel tool and the cutting area to prevent injury.
- 6 After you have cut the crankshaft, clean off all the metal shavings from the part. Then remove the engine from the bag. Take the #7603 clutch nut and see if the clutch nut will thread onto the crankshaft easily. If not, then put your engine into the plastic bag to protect it from metal shavings, with the crankshaft sticking out, and file or grind the crankshaft a little from the top of the first threads. Do not damage the threads.
- 7 Reinstall your flywheel and clutch nut adapter.

