



## EVOLUTION OF DURABILITY

### T-MAXX SPUR GEAR

RC Solutions' spur gear is designed to adapt 1/8 scale buggy clutches and gears to the T-Maxx transmission. Our gears have the 1.0 module gear pitch and narrow width used on 1/8 scale cars, for strength and resistance to damage from chassis flex. They are intended for big block engine conversions, and will not work with stock clutches and flywheels. Our gears are cut from drill-quality O-1 tool steel, and properly tempered for maximum life of the spur and clutch bell. They are available in 52 and 54 teeth.

Mount the spur gear directly to the stock slipper clutch as shown. It does not need slipper pegs. For the flywheel, clutch, and bell, most 1/8 scale buggy parts will work. We recommend an OFNA flywheel assembly, PN 38283, and clutch bell, PN 19353 – 19355, 13 to 15 tooth gear. Stock HPI Savage flywheel and clutch parts will also work, but they will not last as long. Shim bell and space engine as needed for proper alignment.

The stock T-Maxx clutch bell and spur combo is 18/72, for a ratio of 4:1. Numerically lower gear ratios, like 15/52, work well with .21 to .26 engines. Refer to the chart for more ratios.

CB	SPUR	RATIO	NOTE
18	72	4.0	STOCK
13	52	4.0	EQUAL TO STOCK
13	54	4.15	
14	52	3.71	
14	54	3.86	
15	52	3.46	
15	54	3.6	

