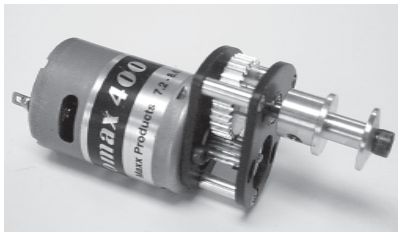


# MPI ACC387 Cobalt 400 Gear Box



## Introduction:

Congratulations on your purchase of the MPI ACC387 Cobalt 400 Gear Box! The lightweight, compact gearbox is specially designed for Speed 400 applications. Two pinion gears are included to suit varieties of applications.

## Key Features:

- Dual ball bearing,
- Lightweight, compact, all metal design,
- 2 pinion gears for 1/8" shaft motors are included for different gear ratios.

## Specifications:

- Dimensions: Approximately, 34mm x 29mm x 16mm
- Weight: 0.8 oz (23 g)
- Gear Ratios: 1: 2.14, 1:2.5
- Pinion Shaft Dia.: 3.17mm
- Output Shaft Dia.: 4mm
- Prop. Adapter Dia.: 6mm
- Mounting Hole Spacing: 16mm
- Max Power rating: 200W

## Installation Instructions:

1. Attaching pinion to motor shaft: Use the setscrew to secure the pinion gear to the motor shaft.
2. Attaching gearbox to motor: Use the supplied screws to attach the motor to the gearbox.
3. Set proper gap between pinion and gear: To set the proper gap between the gears insert a piece of magazine paper between the gears and tighten the motor mounting screws. Verify there is no binding of the gears.
4. Lubrication: The gears should be greased with a light lithium or similar grease.
5. Attaching propeller adapter and propeller: Secure the prop shaft adapter with the setscrew against the flat on the output shaft. The propeller is secured with the bolt and washer included.
6. Cautions: Care should be taken to keep dirt away from the gearbox; dirt will shorten the life of the gears. Verify the tightness of all screws; use thread-locking compound if necessary. Keep antenna wires and fingers away from the gearbox.

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