

SERVO GEAR REPLACEMENT GUIDE

Servo Gear Replacement Guide

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		Revision History
Revision	Date	Description
1	07/11/2019	Initial Release

10VERVIEW

The Smart Robot Servo is a metal-geared servo with the ability to replace the metal-gears it they become damaged during use. Damage to the gear set can occur if the servo receives a shock load to the system. This guide explains the process of removing and replacing the gears in the REV Smart Robot Servo (REV-41-1097) using the Replacement Gear Set (REV-41-1168).

1.1 TOOLS NEEDED

To replace the gear set in the Smart Robot Servo you will need the following items:

- Smart Robot Servo (REV-41-1097) QTY 1
- Replacement Gear Set (REV-41-1168) QTY 1
- Phillips Head Screwdriver (PH0) QTY 1

REMINDER

The replacement gears are shipped un-greased. They need grease to run smoothly, so make sure the is enough grease in the gearbox, and if not, add equivalent of $\sim 1/4$ " diameter sphere of grease to gears in the gearbox.

2 REPLACING GEAR SET







