

Gearbox Assembly

- Install bearings on side panel (A) with arbor press
- Insert shafts into bearing on side panel
- Install 96 tooth gear to drive shaft
- Press-fit key to gear
- Add e-clip to fix position
- Install 24-tooth gear onto intermediate shaft
- Press-fit key to gear
- Install 56-tooth gear onto intermediate shaft
- Attach e-clip to fix position
- Attach Electronics Assembly to front panel (B) and position LEDs
- Attach Front and Back (B) panel to side panel (A)
- Install Motor Assembly by attaching to (B) with screws
- Install bearings for drive shaft on opposite side panel (C)
- Shim as necessary behind bearings.
- Position side panel (C) onto shaft
- Secure wiring with adhesive inside the casing
- Attach top and bottom panels (D)
- Attach e-clip to drive shaft on each side of gearbox
- Install and press-fit key into crank arms
- Attach e-clips on opposing side of crank arms
- Screw in pedals to crank arms
- Attach track panels to outside gearbox