

Alsport Tri-Sport Trike Project

Project:

To restore a 1974 Alsport Tri-Sport RTS 340 Trike.

Expectations:

Students will assess the trike and find out what will be needed to restore it to as close to factory specifications as possible.

Students will:

- Tear down the trike
- Inventory parts that can be reused
 - Bag and label parts and keep an inventory of them
- Inventory parts that will need to be replaced
 - Bag and label parts to keep to compare with new parts to ensure that they will fit
- Order new parts
 - Look up new parts
 - Order new parts
 - Reconcile shipping receipt with new parts
- Clean and Paint parts that will be reused
 - Includes glass beading
- Assemble machine
 - As close to original as possible
- Test run engine and machine
 - Ultimately display it at the Canfield Fair in 2024.

Parts needed

- 4 - 1 inch insert bearings
- 2 - 1 inch spherical insert bearings
- 2 - $\frac{5}{8}$ inch spherical insert bearings
- Idler sprocket
- 2 - rod ends
- 2 - ignition points
- 1 - throttle cable
- 1 - $\frac{7}{8}$ inch throttle twist
- 1 - brake line
- 1 - LH Brake lever master cylinder
- 1 - Drive belt
- 2 - 18x9.5-8 rear tires
- 1 - 15x6.00-6

More parts will be needed after the machine has been disassembled and parts are inventoried

Parts we have

- Seat
- Frame
- Bearing flanges
- Sprockets
- Wheels
- CCW 340 Engine (needs tested)