

Gotcha Restoration Project

Project:

Restore a classic Gotch 4x4 mini dune buggy.

Expectations:

Students will inventory parts, order new replacement parts, and assemble a classic Gotcha 4x4 mini dune buggy.

Students will:

- 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](#)
 - Fabricate new parts if/when necessary by collaborating with some of the other programs within the school such as Welding, and Precision Engineering.
 - Reconcile shipping receipt with new parts
- Clean and Paint parts that will be reused
 - Includes glass beading
- Clean and repair the body as needed (may include polishing)
- Assemble machine
- Test run engine and machine
 - Ultimately take a field trip to Pine Lake Race Track to test run the newly restored machine.