

Doodle Lou's

Build 'n Race with Bulldozer Grousers

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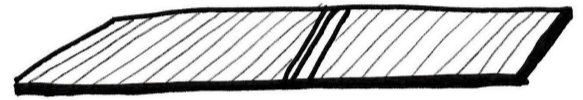
Grousers are a special kind of “wheels” often seen on bulldozers, tractors, and other construction vehicles. Grousers improve traction in loose material such as soil or snow. Grousers increase the amount of contact the vehicle has with the ground. Grousers often have protrusions like conventional tire treads or cleated track shoes. On construction vehicles, grousers are made of flat plates of metal with raised bars to aid in traction.

YOU WILL NEED:

- Several large, corrugated cardboard boxes
- Clear packing tape
- And help cutting the cardboard into the same sized rectangles.

DIRECTIONS:

1. Collect several large corrugated cardboard boxes.
2. Cut the boxes open to flatten them.
3. Trim the boxes to make identical rectangles at least 18” x 24” or larger.*
4. Tape the rectangles together with clear packing tape on both sides of the seams.
5. Continue until the row of rectangles are big enough to cover you when you are on your hands and knees. Tape the ends to create a continuous loop.
6. Repeat to create two grousers.
7. Invite a friend to race alongside as both of you crawl inside your grousers from start to finish.



**As you cut out your corrugated cardboard rectangles make sure the corrugation runs horizontally across the long sides.*

