

MINERAL FEEDER

STEP 1: Gather all needed material and tools

MATERIALS:

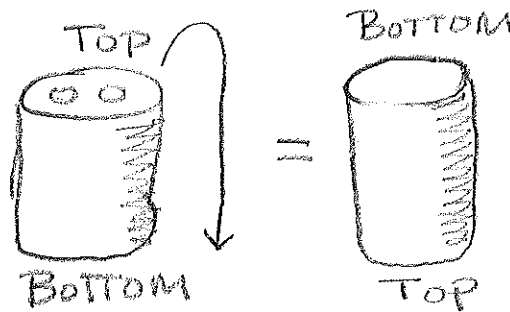
- (1) 55-gallon drum (solid top- no lid)
- (1) 24.5" tractor and trailer tire
- (4) 8 -10" x 1/2" hex head bolts (Fully Threaded)
- (4) 1/2" nuts
- (8) 1/2" washers
- (1) 30-36" Chain (Medium Duty)
- (1) Carabiner or Connecting Link for Chain (Medium Duty)

TOOLS:

- (2) 3/4" wrenches
- (1) Sawzall with sharp blade
- (1) Electric drill
- (1) 1/2" Drill bit
- Permanent marker
- Measuring tape

STEP 2: Mark Barrel

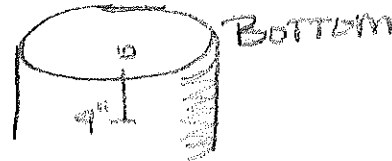
- Flip barrel on top



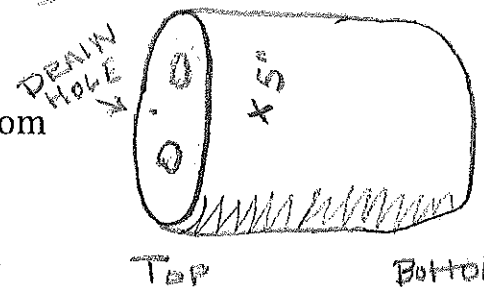
- Wrap measuring tape around bottom of barrel and mark

o 0", 18", 36", and 54"

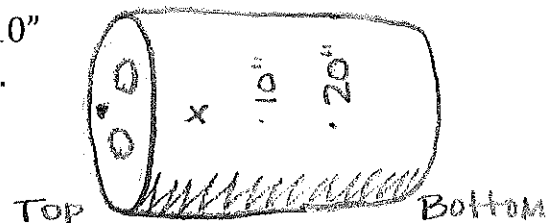
- Measure 4" down from bottom and mark on each 0", 18", 36" and 54" marks



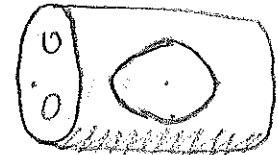
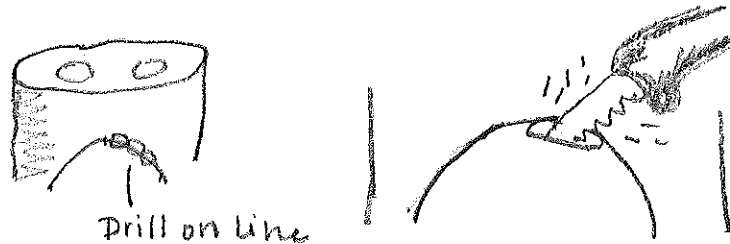
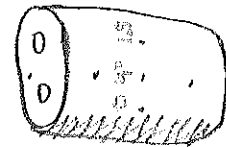
- Lay barrel on side
- Find hole in top rim of barrel (Drain Hole)
- Roll barrel until drain hole in top rim is on bottom



- Measure 5" down from top of barrel and make a mark
- From that mark, measure and make a mark at 10" down (middle mark), then another mark at 20".

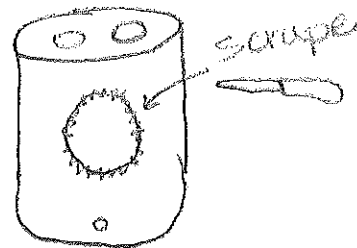


- Place measuring tape on middle mark with 9" perpendicular to the other marks
- Mark 0" and 18" from the middle
- Draw a line linking the outside marks (making an oval)
- Drill three, 1/2" holes side by side on the oval at the top. (Makes opening to put Sawzall blade through)



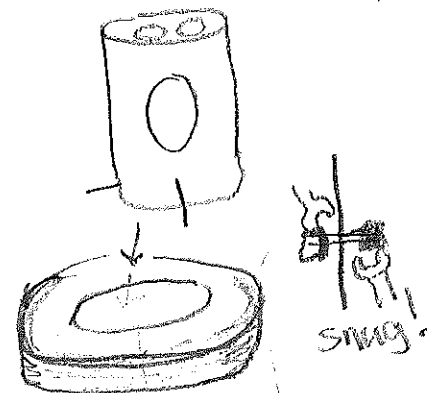
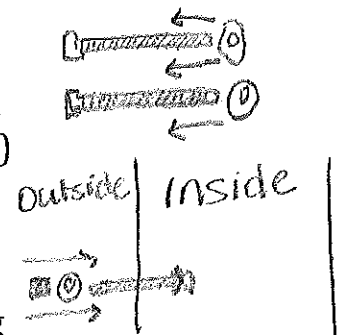
STEP 3: Cut and drill barrel

- Drill 1/2" holes at each mark on bottom of barrel
- Place sawzall blade inside hole on oval
- Cut out oval
- Once cut out, scrape excess shavings from barrel opening with a knife



STEP 4: Place barrel in tire

- Place one washer on one bolt
- Repeat for Second Bolt
- Insert the two bolts and washers through barrel in two adjacent holes (with bolt head inside of barrel) and place washer and nut on bolt outside of barrel
- Hand tighten
- Maneuver barrel with bolts into middle of tire
- Once inserted, repeat first four steps for remaining two bolts.
- Insert bolts and washers through barrel and place remaining washers and nuts on bolts on the tire side.
- Using wrenches, tighten thoroughly
- Once tightened, pick up barrel and move around to ensure that placement is correct.



STEP 5: Attach Chain (OPTIONAL)

- Wrap 30 - 36" Medium Duty Chain around tire
- Connect chain with medium duty carabiner or link

STEP 6: Move to Pasture

- Fill with Loose Mineral

