

GAS POWER TOOLS & TRANSPORTION

Parts List for Gas Power Tools & Transportation

TRANSPORTATION & POWER MACHINERY

Automotive Tools
Spark Plugs
Belts
Fuel and Fuel Containers
Gas Syphon
Starter Fluid
Tire Plug Kit
Air Filter
Fire Extinguisher
Fluids: Engine oil, tranny oil, radiator coolant, brake fluid
Fuel Stabilizer
Spare Tire (Full Size)
Can of Tire Inflator and Sealer
Tire Jack & Tire Gauge
WD40
Wiper Blades
Tow Rope
Kitty Litter
Batteries and Battery Acid
Fuel Filter
Timing Belt
Fuses
Oil Rings
Window Breaking Hammer
Clamps

POWER TOOLS & MISC

Chains
2-Stroke Oil
Sharpeners for blades & Chains
Chain Repair Tool and Master Links
Pull ropes for chain saws and generators
Drill Bits
Screw Head Bits
Blades

FIX-IT YOURSELF PARTS FOR GAS POWER TOOL & TRANSPORTATION REPAIR:

Metal chains
Wood Pieces
Paracord rope
Metal coat hangers/metal wire
3-wire electrical wire
Gasket Material
Copper wire or speaker wire
Aluminum foil
Screws and nails of various sizes
Nuts and bolts of various sizes
Hex bolts and screws of various sizes
Metal (including coins) and rubber washers of various sizes
Electrical tape
Duct tape
Tin cans and lids
Screening/filter cloth for cleaning oil
Cable Zip Ties
JB Weld
Metal Tape

HACKS & TIPS FOR GAS POWERED THINGS

Broken or Slipping Power Belts: Replace with Panty Hose (yes, it works)
Leaking Fuel Tank: Taffy. Chew until soft, Flatten. Plug.
Frozen Door Locks: Squirt hand sanitizer in it.
Blown Fuse: replace with penny (realize you have no fuse at this point, but the item will bypass and work)
Welding: You can do basic welds with welding rods and jumper cables (look on Youtube)
Locked Car: Many times, you can blow the lock with a tennis ball with a hole drilled in it. Put ball over lock, thrust air through key hole.
Jacking Up Car. You can jack up a car by driving carefully up a tilted log on end. Youtube it.
Car Overheating: Crank the heat up all the way. It greatly helps cool the engine.

Emergency Repairs

- Plan for Damage
- Buy Replacements
- Make Repair Kits

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Bonner & Boundary County Emergency Preparedness Network

What to Plan For:

After a disaster, many things may be damaged. Whether at home, living in a tent outside your home because it was destroyed, or walking to safety, many items must be repaired to maintain your safety, like keeping a shelter over your head and clothes on your back. If it is up to you to fix or rectify such problems, you need to be prepared. It's hard to prepare for everything, but putting together a kit can help greatly. Below are situations and items that may need to be fixed after a disaster without the convenience of purchasing them locally or on the internet if stores are not open and supply trucks are not running to your area. (Powered items, like chainsaws & generators, and Auto/transportation are listed on back, though a different class will be covering them in more detail).

Brackets Break	Things have Fallen
Fences are Down	Windows have Broken
Plumbing Breaks	Boots Coming Apart
Hand Tools Break	Sleeping Bags Rip
Roof Leaks	Car Tire Blow Out
Clothing Tears	Pipes Bust & Bend
Backpacks Break	Things Become Unglued

Bonner & Boundary County
EMERGENCY PREPAREDNESS
(E-PREP) NETWORK

NORTH IDAHO SHARING PREPAREDNESS IDEAS, AREA TRAINING,
AND COMMUNITY NETWORKING

PREPARE FOR GENERAL REPAIRS DURING EMERGENCIES

1st: Replace Originals

Having a supply of actual replacement items is obviously the best option, though in most cases, not realistic. It wouldn't be practical to buy a spare window for all the windows in your home! If an item can be repaired with simple items, it is less expensive to use in an emergency situation. Look toward glues, tapes, ropes, wire, string, or plastic for this.

Some things, however, are hard to find suitable replacements for, or repairs with simple means, so replacements should be stored.

Look around your home and backpack, and inventory important items that you just can't imagine being able to repair with a repair kit if broken...both if you have electricity, or if it is out...

Electronics	Tool Handles
Roofing Nails	Drill Bits
Generator Parts	Chainsaw parts
Pressurized Fittings	Light Bulbs
Items under extreme heat (like wood stove piping or hot water heater pipes)	
Corrosive Items (that would eat tape or glue)	
Batteries	Breakers
Door Knobs	Pad Locks
Appliance Parts	Specialty Seals
3D Gaskets	Certain Wicks

Store items that help protect your safety or warmth first. Then work on transportation.

2nd: Repair Kits

Ropes, String and Ties

Paracord
3.8" rope with pulleys
Lots of String (like bankline)
Various Sizes of Zip Ties
Floss (portable in packs)
Rubber Bands
Pipe Cleaners

Wire

Various gauges of wire
Klumper Tools help repair tools, pipes, misc.
Bob wire or fence wire (fixing fence)
Roll of black and red electrical wire
Screen and Mesh

Waterproofing (wind, rain, personal protection)

Tarps
Tar Paper
Caulking and Caulking Guns
Clear and/or black plastic (windows, greenhouses, tarps)

Sewing Kit

Needles (sewing & darning of different sizes)
Heavy Thread Safety Pins Scissors Patches
Sewing Awl (leather, canvas, boots)
Pinking Shears Pins Buttons Zippers

Tape

Duct Tape
Electrical Tape
Plumbing Tape
Tenacious Tape (waterproof flexible tape for clothes, tents, bags, etc.)
Aluminum Tape

Sharpening & Grinding

Sharpening Stones and Pedal Grinders

Lumber

2x4s
Sheets of Plywood

Glues & Adhesives

Shoe Goo (repairing soles of shoes)
Liquid Nails
Epoxy
JB Weld
Super Glue

Hardware

Nuts, Bolts
Washers
Latches
Locks

3rd: Go Bushcraft!

Glues

Hide Glue
Storage: Granules. Activate by adding water
Uses: Gluing where heat it present. Hide Glue does not break down by heat. Used in bushcraft, trap making, simple furniture.
Limitations: Is water soluble. Do not use on items that will be wet; Very hard when dry. Don't use on flexible products.

Pine Resin Glue

Storage: Hard Chunk. Activate by reheating
Uses: Very water proof. Use for roofing, boats, eating bowls, and items that may get wet. Also simple tools. Easily transportable, greatly used for fire starting. Better lit on fire mixed with dry debris. Adding dried mature pellets (or grasses) adds strength (20%), adding ground bone makes it concrete-like
Limitations: Will loosen and liquefy when heated; Don't use on flexible products.

Hoof & Bone Glue

Storage: granule or powder. Activated by hot water. Uses: A flexible glue, used on things that may flex. Window frames, stiffening bow string, high quality wood working and strengthen fibers. Has greatest durability and widest applications. Limitations: Breaks down with water; requires acid to make.

Ropes, String and Cordage

Twisting appropriate fibers in an opposite fashion so the ravel together, not apart. Fibers used: (refined for just North Idaho)
Bark: from dead trees (cedar, cottonwood, ash, willow, and others) (part between bark and wood).
Stalks: stinging nettle,
Milkweed. Leaves: cattail;
Rootlets: cedar, pine, juniper, tamarack, spruce;

Animal: animal hair, sinew, rawhide (Sinew is the strongest of natural cordage)

Wire

Sinew cord dried and shrinks very tight. It is the best replacement for used where wire is normally used, though will not hold up to high heat. Tar or Pine Sap will also stiffen string to make bendable.

Waterproofing:

Melted Beeswax. Softer and easier to apply mixed with linseed oil and turpentine.

Pine Pitch: stronger when mixed with dried/ground animal droppings. Charcoal adds hardness. Not flexible. Not made for fibers. **Birch Bark Tar:** boiled down birch bark oil. Is much more flexible. Add charcoal for strength. Great for seals in shoes and seams. Black.

Sharpening & Grinding

Flat side of a smooth river stone. Spit on or use water for lubricant. For rough sharpening (and sanding), glue sand onto flat hard wood, bark, with pine pitch glue. **Sandstone and Granite** for heavy grinding as well. A big flat piece with sand/light gravel and water work well and allow you to push down on it. In-ground stone. Throw some wet sand/gravel on top. Sand like it was a washboard. Strop on leather, leather belt, or jeans

Needles:

Bone

Tar Paper (roof shingles)

Birch Bark



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E-PREP CARDS HELP YOU STORE, ORGANIZE, and TRACK STORAGE ITEMS