

A FIRE EXTINGUISHER FOR YOUR 4X4

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TOPICS

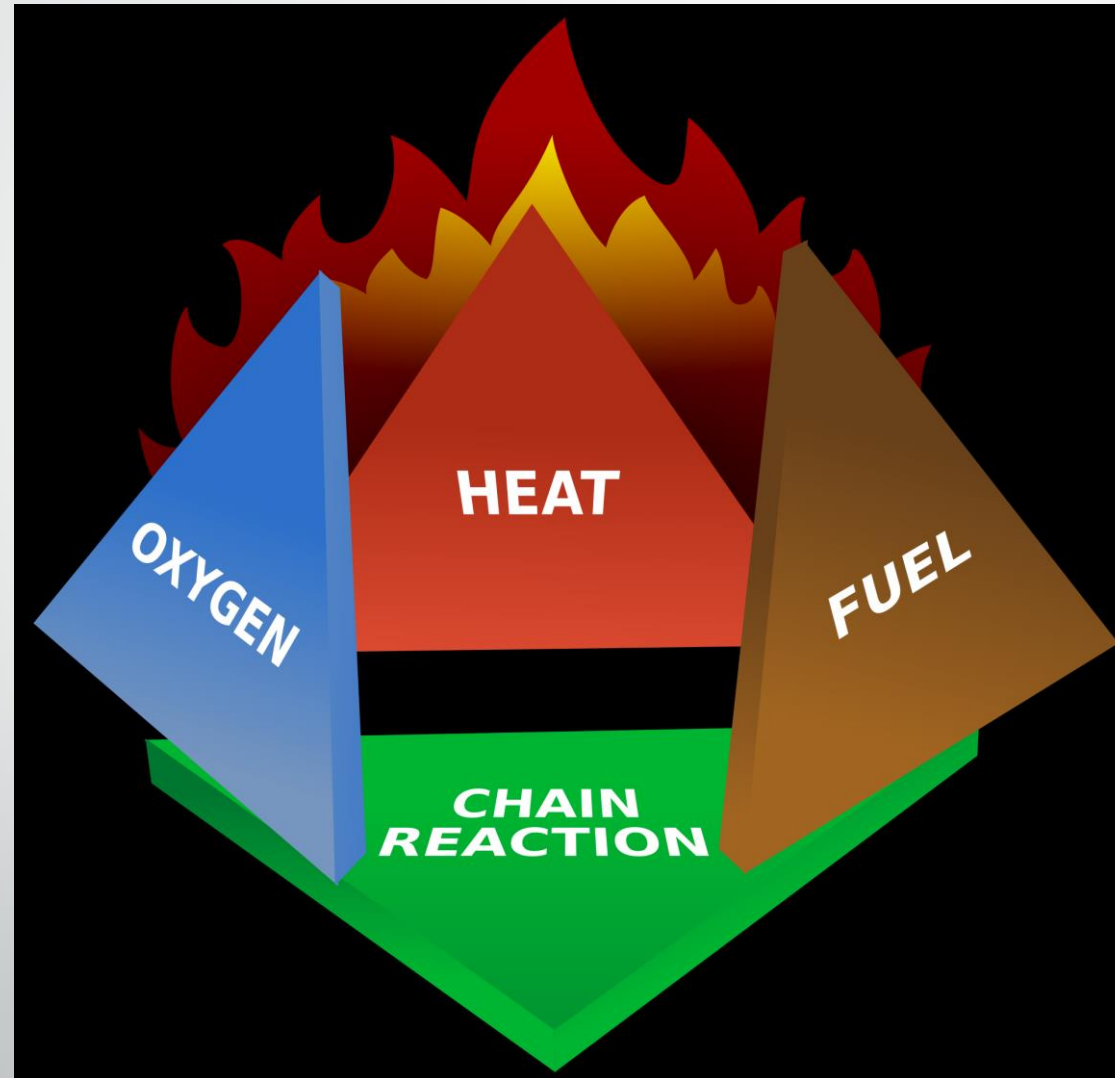
- What is fire?
- What is needed for fire to burn?
- How is fire extinguished?
- What are the classes of fire extinguishers and ratings?
- Common types of fire extinguishers and the symbols?
- What's the right one for my 4x4?
- How to use a fire extinguisher and maintenance.

The background of the slide is a close-up, high-contrast image of bright orange and yellow flames. In the bottom-left corner, there is a decorative graphic consisting of several overlapping, semi-transparent geometric shapes in shades of red, grey, and black, creating a layered, angular effect.

What is Fire?

Fire is the visible effect of combustion – a rapid, self-sustaining chemical chain reaction that releases heat and light.

What is needed for fire to burn?



How is fire extinguished?



- Cool what's burning.
 - Smother it.
 - Remove the fuel.
- Stop the chemical chain reaction.

Classes of Fire Extinguishers

There are three basic classes of fire extinguishers:

- Class A – fires involving ordinary combustibles such as wood, paper, clothing, carpet, plastic, and rubber.
- Class B – burning flammable liquids – gasoline, diesel, kerosene, motor oil, PS fluid.
- Class C – use on energized electrical equipment. Turn off the electricity then what class extinguisher can be used?

Common Types of Fire Extinguishers

- Pressurized Water



- CO₂



- Dry chemical



Fire Extinguisher Symbols



Ratings

- First number describes rating for ordinary combustibles: 1A is equivalent to 1.25 gallons of water
- Second number describes rating for flammable liquids: 10B would be able to extinguish 10 square feet of burning flammable liquid.
- The letter C means the extinguishing agent is non-conductive.

2A means?

1A:10B:C means?

5B:C means?



What's the right one for my 4x4?

How to use a fire extinguisher.

Your safety is first and foremost! Get out of your 4x4 and get away. Then, decide if you are going to use a fire extinguisher.

- P **P**ull the pin.
- A **A**im nozzle at base of fire standing about 10 feet away.
- S **S**queeze handles.
- S **S**weep fire with the agent.

Maintenance

- ✓ Pressure Gauge in the green?
- ✓ Hose and nozzle
- ✓ Tamper seal
- ✓ Safety pin
- ✓ Date of manufacture
- ✓ Fluff the dry chemical
- ✓ Overall condition

A photograph of firefighters at night extinguishing a large fire. A massive, bright orange and yellow fireball is being doused by a powerful, wide spray of water from a fire hose. The scene is illuminated by the fire and the water spray, creating a dramatic, high-contrast environment. The firefighters are silhouetted against the bright light of the fire and water. The ground is wet and reflective. The overall mood is one of intense action and relief.

THANKS!