



PathFinders4X4.com

# ***PATHFINDERS 4X4***

## ***ORDS Overview***

### **INERTIA**

- Mass & Momentum
- Tow strap stop
- Push from Dead Stop
- Brake Theory
- Drive Line items
- Engine Considerations
- Differentials
- Gearing

### **SUSPENSION**

- Leafs vs Coils
- Why Lifts?
- Body Lifts
- Pinion Angles
- Axles vs IFS
- Tires

### **TRACTION**

- Contact Patch
- Tires
- Diameter vs Gearing
- Airing Down
- 1WD vs 2WD vs 4WD

### **DRIVING TECHNIQUE**

- Always Anticipate
- Wheel Cheat
- Pick the Line
- Chocking
- Drive the High Ground
- Level Hood
- Manage Momentum
- Low Range Usage
- Mud Snow Sand
- 3 Wheels on Earth
- Discretion BPOV
- Water - Bow Wave
- Approach/ Departure Angles
- Uphill has Right of Way

### **RECOVERY**

- Saw
- Shovel & Gear
- Straps & Chains
- Shackles and Attach Points
- Siding with Physics
- Hi Lift
- Winch

### **FIELD REPAIRS**

- Tire Plug Repairs
- Reseating Beads
- Tools Matter
- RTV
- BFH

### **SURVIVAL**

- LIMA
- 3333
  - Oxygen
  - Body Temp
  - Water
  - Food
- Pocket Knife
- 72 hrs = Max
- Does Help Know Where to look?
- Alcohol Burner in Cold Wx
- Sleeping Bag Type Items
- You Have What You Bring
- The Invaluable Tarp
- Vehicle is a Gold Mine
  - Battery Sparks
  - Fuel Burns
  - Foam Seats
  - Tires Burn Black
  - Mirrors Signal
  - Water in Washer Tank
  - Wires = Snares
  - CB Radio for Help
  - Glass = Cutting Instrument
  - Cordage
  - Containers
  - Notes and Info