

## Adverse Conditions Inspection Checklist

In preparing for operation under adverse conditions, special care must be taken in inspecting the following critical items.

### Adverse Weather

1. Coolant level and antifreeze concentration
2. Air reservoirs
3. Heating equipment (heater, defroster, mirror heaters)
4. Wipers and washers
5. Tires
6. Snow chains
7. Brake parts and balance
8. Lights
9. Windows, mirrors and reflectors
10. Hand and toe holds
11. Weather fronts and radiator shutters
12. Air and electrical lines
13. Exposed wiring and hoses
14. Fuel tank
15. Muffler and exhaust system
16. Fifth wheel
17. Inter-axle differential lock
18. Emergency equipment (scrapers, shovels, etc.)
19. Driver's emergency gear (extra food, water, clothing)

## Hot Weather Checklist

1. Tires
2. Lubrication system and Cooling system
3. Belts and hoses
4. Extra coolant
5. Driver's emergency gear (extra food, water)
6. Compressor
7. Slack adjusters
8. Glad hands
9. Air lines
10. Drum or discs
11. All other brake parts
12. Clutch

Of course, simply checking the above items is not a substitute for a complete, daily pretrip inspection. And preparing for driving under adverse conditions is not the only time it is important to check them. This is only a list of some of the most important items to check for adverse weather, hot weather and mountain driving.

## Mounting and Removing Snow Chains and Freeing Stuck Vehicles Checklist

### Mounting Snow Chains

1. Check chain condition
2. Eliminate twists
3. Drape chains over tire
4. Open ends of cross-chain hooks away from tire
5. Fasteners can be on the trailing ends of side chains
6. Tuck first cross-chain under front of tire
7. Move vehicle until fasteners are hub-high
8. Avoid driving over fasteners
9. Straighten and center
10. Lift ends of side chains to determine which links will be hooked into fasteners
11. If installing on duals, fasten
  - a. center chain
  - b. inner chain
  - c. outer chainIf installing on singles, fasten
  - a. inner chain
  - b. outer chain
12. Be sure chains are snug but not too tight
13. After driving about five miles, stop and tighten chains again, loose chains wear faster

### Revvng Snow Chains

1. Unhook cross chains from side chain fasteners on the outside (whether on duals or singles)
2. Unhook inside cross chains duals
3. Spread chains on ground
4. Drive vehicle off chains
5. Do not run over fasteners
6. Remove chains

## Using Tow Chains or Cables to Free Stuck Vehicles

Play out enough cable or chain and hook tow hooks (if available). If not, hook to frame or frame cross member.

### Driving the Towing Vehicle

1. Place in low gear
2. Creep forward till chain or cable is tight
3. Do not spin bleeps
4. Gradually pull vehicle onto firm surface

### Driving Towed Vehicle

1. Place transmission in low gear (or reverse)
2. Release clutch
3. Accelerate gradually (assisting tow vehicle)
4. Do not spin wheels
5. Straighten wheels
6. When on firm surface
  - (a) Honk horn signaling tow truck to stop
  - (b) Move vehicle up slightly, slacking cable or chain