

## Comprehensive Hydraulic Rescue System Inspection and Maintenance

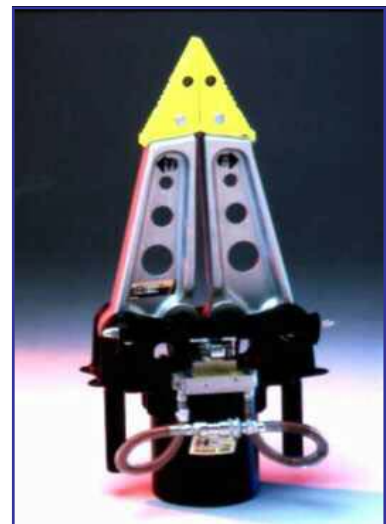


### POWER UNIT

1. Visual inspection of unit
2. Spark plug — gap and clean
3. Air filter
4. Inspect recoil rope and handle
5. Inspect electric cord and connector
6. Inspect hoses for wear and damage
7. Check phosphate ester (hydraulic oil) fluid level
8. Run unit and check for proper operation
9. Check pump output pressure
10. Operate dump valve and check for proper handle position
11. Change engine oil
12. Check pump shaft seal and lower engine seal

### SPREADER

1. Visual inspection of tool
2. Inspect tips for wear and damage
3. Inspect hoses and connections for wear and damage
4. Inspect shaft seal and piston rod
5. Inspect pivot pins and bars, clean and lube
6. Inspect valve and trigger
7. Operate tool and observe speeds
8. Visual inspection of chains and shackles
9. Replace decals as required



# Maintenance Program

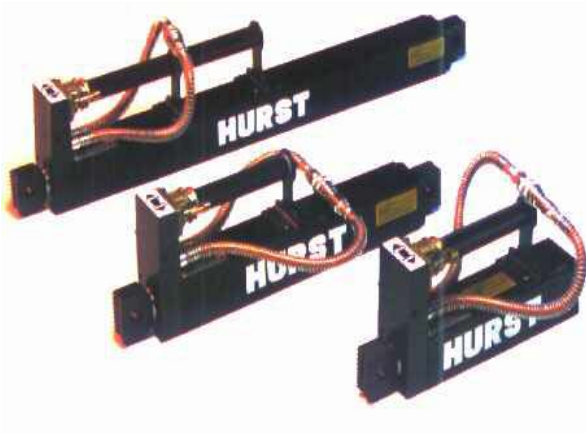


## CUTTER

1. Visual inspection of unit
2. Visual inspection of blades
3. Inspect control valve and trigger
4. Inspect hoses and connectors for wear and damage
5. Operate tool and check speeds
6. Visual inspection of shaft seal and piston
7. Remove pivot pins, link arms and blades / arms, clean and lube
8. Torque main bolt to spec
9. Replace decals as required

## COMBINATION TOOL

1. Visual inspection of unit
2. Visual inspection of blades
3. Inspect replaceable tips for wear and damage
4. Inspect control valve and trigger
5. Inspect hoses and connectors for wear and damage
6. Operate tool and check speeds
7. Visual inspection of shaft seal and piston
8. Remove pivot pins, link arms and blades / arms, clean and lube
9. Torque main bolt to spec
10. Replace decals as required



## RAMS

1. Visual inspection of unit
2. Inspect hoses and connectors for wear and damage
3. Inspect swivel fittings and connectors
4. Operate unit and check speeds
5. Inspect control valve and handles
6. Inspect shaft seal and piston
7. Replace decals as required

# Maintenance Program



## REELS

1. Visual inspection
2. Inspect hose and connectors for wear and damage
3. Pressure test hose

## ACCESSORIES

(i.e. manifold, remote dump valve, extension hoses, etc.)

1. Visual inspection of units
2. Inspect hoses and connectors for wear and damage
3. Pressure test all hoses
4. Check operation of dump valve
5. Replace decals as required

