

## **ONSPOT OPERATING INSTRUCTIONS**

Check that your Onspots are working properly before your trip.

Chains must be engaged and disengaged while the vehicle is moving.

- Chains must be engaged when traveling between 2 mph and 25 mph
- Chains must be disengaged when traveling between 2 mph and 35 mph.

Vehicle must not exceed 35 mph with the chains engaged.

Vehicle can stop on the chains, and then start moving again, as long as the switch is still in the engaged position.

Onspots are most effective on ice and loose or packed snow up to 6 inches in depth.

Engage chains before reaching slippery conditions. Onspot will assist traction in forward, reverse, and in braking conditions.

- Avoid locking the wheels.

If you have not engaged your Onspots before stopping on a slippery road:

- Spin tires up to 5 mph,
- Engage Onspots,
- When you feel chains bite, stop spinning wheels and drive on slowly.

## **MAINTENANCE INSTRUCTIONS**

### **FIRST SERVICE**

- Check torque of Onspot vehicle mounting bracket bolts
- Check torque of Onspot chain unit mounting bolts (106 ft-lbs)
- Check torque of chainwheel bolts (125 ft-lbs)

### **REGULAR VEHICLE SERVICE**

- Grease the Onspot arm bearings and ball joints (if applicable)
- Check chainwheel bearings and arm bearings for play
- Check the chain link wear (ensure that there are at least 9 links for 190mm wheels and 7 links for 170mm wheels)
- Engage system and check for air leaks
- Check chainwheel pressure against the tire (should be at least 20 lbs)

### **SPRING SEASON**

- At minimum, remove chainwheels to prolong arm-bearing life
- Chain units may be removed if desired (leave mounting brackets in place and plug air lines)
- Disconnect dashboard switch or remove fuse
- Mark passenger side and driver side chainwheels and chain units with vehicle unit number
- Check chainwheels, arm bearing and angle joints for wear to ensure the system is ready for next season

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