

**HWH® Sales & Marketing School - Talking Points**  
**Hydraulic Jacks**  
**Spring-Retraction vs Power-Retraction**

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**Power-Retraction**

More compact, eliminates the space required for retract springs.

Jack retract is faster in cold weather.

If jacks freeze to ground hydraulic power will normally break them loose.

If jack penetrates asphalt, soft ground etc. hydraulic power will normally retract the jack.

Ice, snow, mud etc. has little effect on jack.

**Spring-Retraction**

Lower Cost, eliminates the honed tubing, piston and one hydraulic line.

Jacks will normally retract down to -30° F. At -30° F retract time is approximately 15 to 20 minutes.

If jacks freeze to ground gently moving vehicle forward and reverse will normally break them loose. (See note 1.)

If jack penetrates asphalt, soft ground etc. gently moving vehicle forward and reverse will normally allow the jacks to retract.

Ice snow mud etc. can hinder jack retraction. Washing in water normally resolves problem.

**Note 1**

Trailers equipped with power-retract landing gear and spring-retract jacks on rear can free rear spring-retract jacks stuck to ground by lowering front jacks.

Lowering the front jacks causes the trailer to pivot on the axle, raising the rear thus pulling rear jacks out of the ground.