

Tool and Equipment April 2026

Skid Steer Liner Tool



Description and Benefit

The Skid Steer Liner Tool is a hydraulic-driven attachment designed for skid steers to make liner pipe assembly safer, faster, and more efficient. Traditionally, workers relied on manual wrenches to screw pipes together—a slow, labor-intensive process that posed safety risks. This innovation automates the turning process, allowing operators to engage forward or reverse rotation with precision, significantly reducing physical strain and improving control. In addition to assisting with pipe assembly, the tool enables easy movement and positioning of liners, streamlining operations and minimizing downtime. By leveraging existing skid steer hydraulics, this solution delivers a cost-effective, versatile, and productivity-enhancing approach to liner pipe installation.

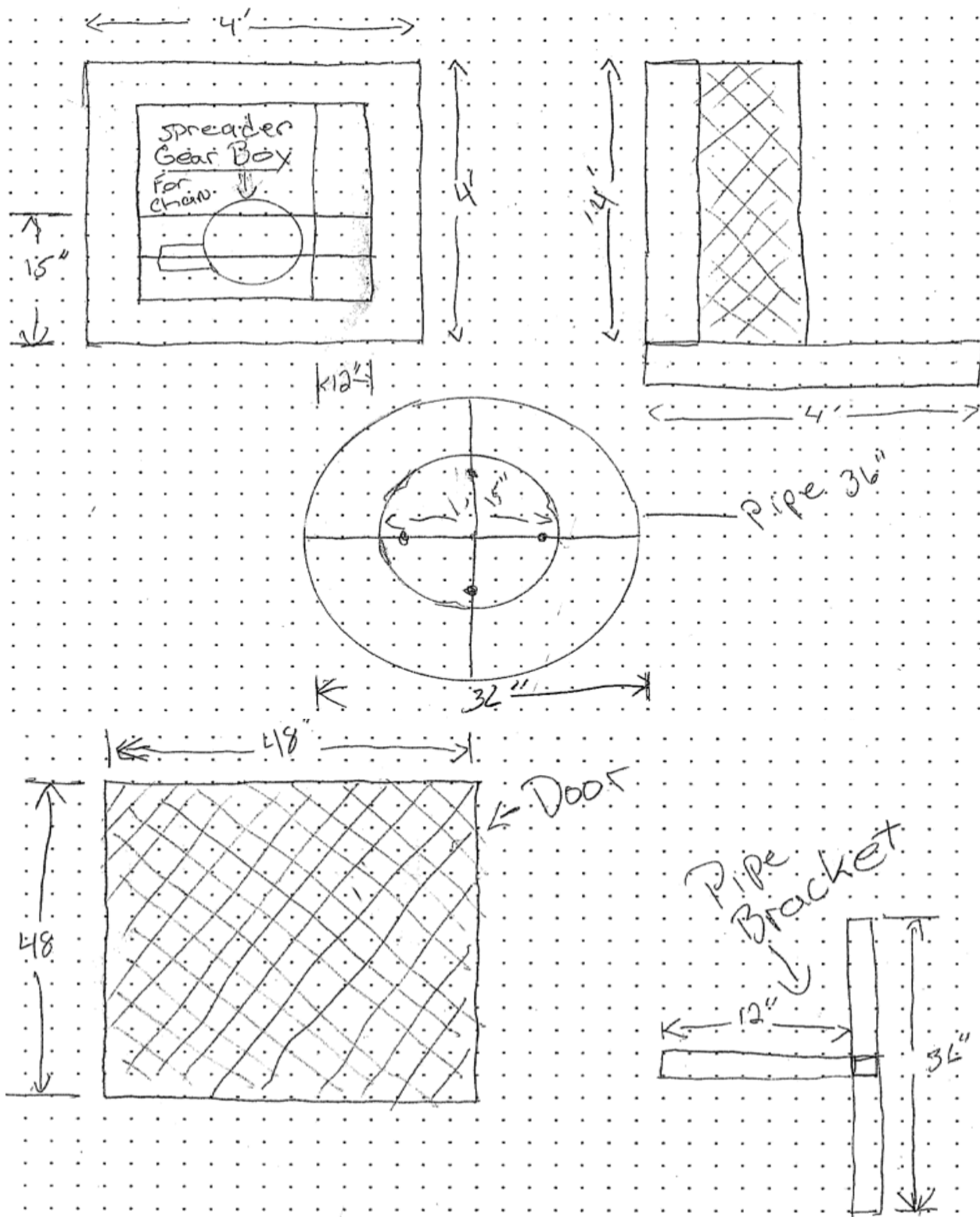
For More Information Contact

Southeast District / Maintenance

Nathan Orf at Nathan.Orf@modot.mo.gov or 573-987-8673.

Southeast District / Maintenance

Charles Wilson at Charles.Wilson@modot.mo.gov or 573-838-7150.



6- 4' square tubing $\frac{1}{4}$ " thick wall 48" Long

1- 4'x4' mesh

3- 2'x4' mesh

4- $1\frac{1}{2}$ "x48" angle

1- Hydraulic motor

1- SD-1 spreader gear Box

2- Hydraulic Hoses

2- 2x $\frac{1}{2}$ " thick Flat metal

1- $1\frac{1}{2}$ "x $1\frac{1}{2}$ " square tubing

4- 4x6 square metal

1- 2x2" square tubing

1- 12" Flat plate steel