

Tube & Weld

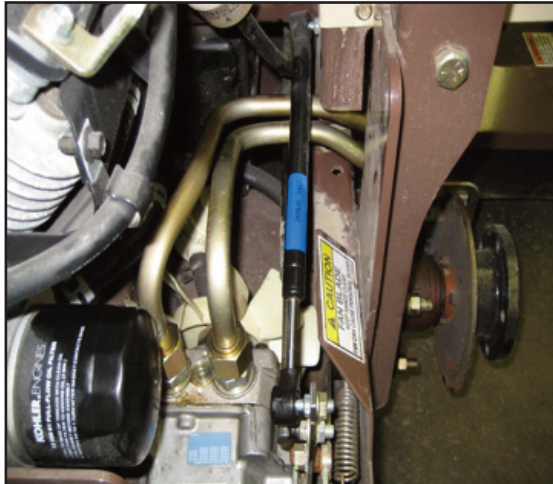
Exceeding Hose Limitations

Problem: Original hoses would collapse over time from exceeding the stated bend radius of the hose assembly. Eventually, this would cause damage to gear motors.

Solution: Mid-State designed and routed hard line tube assemblies to accomplish transition without possibility of hose collapse. The tube assemblies were in place of the hose assemblies

Result: Customer improved assembly production time and performance due to better flow from the pump to motor and eliminated some wear and tear on gear motors.

Customer: *Mower Manufacturer*



- Beading
- Bending
- Brazing (Torch)
- Brazing (Induction)
- Flaring (JIC & ORFS)
- Machining
- Welding (TIG)
- Welding (Orbital)
- Packaging
- Finishes & Coatings
- System Design
- Testing (Impulse & Burst)
- Testing (Particle Count)

Engineering support

Hydraulic tube assemblies provide:

- ✓ Higher working pressures
- ✓ Simplified assembly
- ✓ Lower labor costs
- ✓ Reduced leak points



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