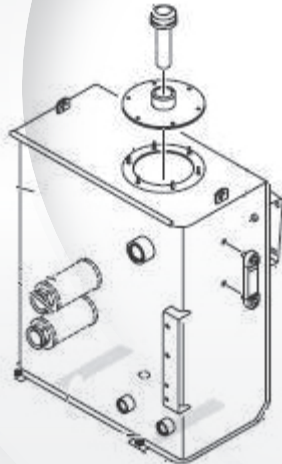




Boom Lift



Former State
40 Gallon Hydraulic Tank

Challenge:

To provide a cost reduced common hydraulic tank for the JLG Series 800A and 800S Series boom lifts.



“On the last two products, Helgesen was key in collaborating with JLG to create a solid reservoir concept for multiple product platforms.”

*-Richard Shade: Project Engineer
(Hydraulic Design) JLG Industries, Inc.*



Current State
40 Gallon Hydraulic Tank

Solution:

- Design a common tank for two specific models to reduce total cost.
- Improve internal tank design to enhance filtration, reduce assembly time and leak points
- Improvements also gain a larger share of the aftermarkets parts