

Mechanical Reports

There are two mechanical reports in this section - one (1) for "internal" work done and one (1) for "external" work. The mechanical reports should detail the time you spent on the tractor throughout the restoration process. These reports are a very important part of this project. They show the judges that you did the work yourself - or were resourceful in getting outside help - and how much time and effort you put into the project.

At the bottom of each report, please total the number of hours you spent on the restoration. Be sure to make duplicates of these pages before entering your information in case you need more than one page.

- Internal Mechanical Report - Include any work done on the engine, clutch, transmission, etc.
- External Mechanical Report - Include any bodywork, painting, adhering of decals, etc.



Tractor

restoration competition

ChevronTexaco





Internal Mechanical Report

FA Member/Outside Person	Task Performed	Hours	Information Source/Reference
Farm Power Class	Remove Tappet Cover	.5	JDH I&T
Farm Power Class	Remove Air Filter	.5	JDH I&T
Farm Power Class	Remove Carburetor	.5	JDH I&T
Farm Power Class	Remove Magneto & Governor	.5	JDH I&T
Farm Power Class	Remove Muffler	.5	JDH I&T
Farm Power Class	Remove Exhaust Pipe	.5	JDH I&T
Farm Power Class	Remove Exhaust Manifold	.5	JDH I&T
Farm Power Class	Remove Rocker Arm	.5	JDH I&T
Farm Power Class	Remove Connector Rods	2	JDH I&T
Farm Power Class	Remove Head	1.5	JDH I&T
Farm Power Class	Remove Block	1.75	JDH I&T
Farm Power Class	Remove Flywheel	2	JDH I&T
Farm Power Class	Remove Clutch	3	JDH I&T
Farm Power Class	Remove Crankshaft	1	JDH I&T
Farm Power Class	Remove Cam Gear	1	JDH I&T
Farm Power Class	Remove Camshaft	1	JDH I&T
Farm Power Class	Remove Rod Tappet	.25	JDH I&T
Farm Power Class	Remove Rod Followers	.25	JDH I&T
Farm Power Class	Remove Pistons from Block	1	JDH I&T
Farm Power Class	Remove Shift Forks	.25	JDH I&T
Farm Power Class	Counter Shaft and Reverse Gear	1	JDH I&T
Farm Power Class	Remove Sliding Gear	1	JDH I&T
Farm Power Class	Remove Shaft	1	JDH I&T



Tractor
restoration competition
 ChampionTractor



Find It!
 Fix It!
 Finish A Winner!

Internal Mechanical Report

FFA Member/Outside Person	Task Performed	Hours	Information Source/Reference
Farm Power Class	Remove Axel from Main Case	3	JDH I&T
Farm Power Class	Remove Rear Axel Shaft	3	JDH I&T
Farm Power Class	Remove Brakes	1	JDH I&T
Farm Power Class	Remove Brake Pedal	1	JDH I&T
Farm Power Class	Remove Differential	2	JDH I&T
Farm Power Class	Clean All Parts	25	JDH I&T
Lubbock Sandblasting	Sandblast All Parts		JDH I&T
Farm Power Class	Order Needed Parts and Gaskets	5	JDH I&T
Farm Power Class	Bore Block	25	JDH I&T
Farm Power Class	Insert Sleeves	10	JDH I&T
Farm Power Class	Drill Hole for Spark Plug	5	JDH I&T
Farm Power Class	Bore Sleeve to Size	10	JDH I&T
Farm Power Class	Taper Sleeves	10	JDH I&T
Farm Power Class	Remove Valve Springs	1	JDH I&T
Farm Power Class	Remove Valves	1	JDH I&T
Farm Power Class	Grind Intake Valves	4	JDH I&T
Farm Power Class	Grind Exhaust Valves	4	JDH I&T
Farm Power Class	Lap Valves	1	JDH I&T
Farm Power Class	Seat Valves	1	JDH I&T
Farm Power Class	Reassemble Head	2	JDH I&T
Carlisle Machine Shop	Turn Crankshaft		JDH I&T
Doyle McFerrin's Tractors	Rebuild Camshaft		JDH I&T
Doyle McFerrin's Tractors	Rebuild Bull Gear		JDH I&T



External Mechanical Report

FA Member/Outside Person	Task Performed	Hours	Information Source/Reference
Farm Power Class	Haul Tractor	10	How
Farm Power Class	Remove Nose Piece	1	To
Farm Power Class	Remove Steering Wheel	1	
Farm Power Class	Remove Steering Column	1	Restore
Farm Power Class	Remove Left Grill Panel	1	Your
Farm Power Class	Remove Right Grill Panel	1	John
Farm Power Class	Remove Muffler	1	Deere
Farm Power Class	Remove Hood and Gas Tank	5	
Farm Power Class	Remove Dash	1	Two-
Farm Power Class	Remove Oil Gauge	.5	Cylinder
Farm Power Class	Remove Temperature Gauge	.5	Tractor
Farm Power Class	Remove Seat	1	
Farm Power Class	Remove Radiator	3	by
Farm Power Class	Remove Front End	2	
Farm Power Class	Remove Front Wheels	1	Spencer
Farm Power Class	Remove Wheel Bearing	1	Yost
Farm Power Class	Remove Back Wheels	15	
Farm Power Class	Remove Final Drive Cover	1	
Farm Power Class	All External Parts (left)	1	
Quality Coating of Lubbock	Sandblast All External Parts		
Farm Power Class	Sand Parts with 200 Grit Sand Paper	20	
Farm Power Class	Hammer Out Dents	40	
Farm Power Class	Weld Screens on Grill	20	



Tractor

restoration competition

Champion



Find It!
Fix It!
Finish A Winner!

External Mechanical Report

FFA Member/Outside Person	Task Performed	Hours	Information Source/Reference
Farm Power Class	Mount Rear Wheels	1	How To
Farm Power Class	Install Final Drive Cover	1	Restore
Farm Power Class	Adjust Brakes	.5	Your
Farm Power Class	Install Radiator Hoses	1	John
Farm Power Class	Install Muffler	1	Deere
Farm Power Class	Adjust Steering Gear	2	Two-
Farm Power Class	Install Side Panels & Curtain	3	Cylinder
Farm Power Class	Install Nose Piece	.5	Tractor
Farm Power Class	Tape Off Yellow & Black Parts	1	
Farm Power Class	Paint Tractor Green	5	by
Farm Power Class	Remove Tape	1	
Farm Power Class	Paint the Gas Cap Red	.5	Spencer
Farm Power Class	Touch Up Yellow Paint	2	Yost
Farm Power Class	Use 1500gt. Wet/Dry Sandpaper	5	
Farm Power Class	Touch Up Green Paint	2	
Farm Power Class	Buff	5	
Farm Power Class	Install Steering Wheel	1	
Farm Power Class	Install Seat	1	
Farm Power Class	Install Decals	1	
Total Hours		324 .5	