

International 475 Tractor Repair

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Objectives

- 1: Access and inspect the tractor for components which need replacing.
- 2: Split the tractor by removing all necessary parts and hardware so the clutch can be accessed.
- 3: Fit the new clutch assembly and replace and other parts or hardware required.
- 4: Reassemble the tractor.
- 5: Test the functionality of the tractor and ensure all repairs were carried out correctly.

Background

- The clutch is one of the most significant components in tractors and automobiles.
- Their main function is to connect and disconnect power from the engine to the drivetrain.
- The clutches main components are the flywheel, clutch disc, pressure plate and release bearing.



Photo of: Tractor on arrival.



Photo of: The tractor after being split.

Process

- Inspect for possible issues when repairing.
- Remove all hardware required so tractor can be split.
- Split tractor
- Access old clutch
- Install new clutch kit
- Reassemble tractor
- Test functionality
Repair other smaller problems.



Photo of: The new clutch assembly.

Results

- The Overall results of my project were successful.
- By replacing the clutch, the tractors drive was restored.
- The tractor is functional again and can be used.
- My mechanical knowledge and skills improved.
- There were significant cost savings completing the repair myself.

Conclusions

- This was a very successful and rewarding project.
- I met all of my outlined objectives.
- I was able to dismantle the necessary components, replace the clutch assembly, and fix any other areas required.



Photo of: Tractor being reassembled.