

# Clutch & Transmission Repair

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At [Ace Auto Repair](#), our goal is to provide our customers with exceptional service and dependable, trustworthy mechanics who are skilled in clutch and transmission repairs. ***Our expert technicians take pride in their work, and are dedicated to your satisfaction.*** If you are experiencing unusual sounds or behavior in your vehicle, we recommend you contact us today for reliable service you can count on, along with affordable prices.

## Clutch & Transmission – What They Are, How They Work

**Clutch** – Basically, a clutch is essential in a vehicle with a manual transmission for changing gears; it engages or disengages all of the moving parts in the drive shaft. ***The engine in your car spins continuously when the engine is turned on, but the wheels don't.*** Because of this, it is necessary to disconnect the wheels from the engine in order to bring a manual transmission vehicle to a stop without the engine dying.



**Transmission** – In order for you to drive your vehicle at a certain speed, the wheels have to have power. ***This is the job of the transmission, which shifts gears and supplies the power to the wheels.*** In a manual transmission vehicle, the engine and transmission are disconnected when you push in the clutch to change gears. In an automatic transmission vehicle, the transmission shifts gears for you.

## Common Clutch & Transmission Problems

There are several issues that are fairly common with clutches and transmissions. These include:

- **A clutch that “sticks.”** When you push the clutch to the floor and it fails to return to its normal position, it indicates a problem that may require replacement of an external seal on the slave cylinder or clutch master.
- **A clutch that “slips.”** Often times when your vehicle fails to move as it normally would or doesn't move at all, it indicates the clutch pedal needs adjustment or is worn. Clutches are a component that experience wear over time, and may eventually require replacement.
- **Gears not shifting smoothly.** If you find it difficult to shift gears, it could indicate the clutch needs to be replaced. Problems shifting gears may be a sign of an electrical problem, or indicate wear/damage of an internal or external transmission component.
- **Squealing, clicking, snapping, or other noise.** When you hear excessive noises that are unusual, it could signal that the bearings need to be replaced, or the clutch linkage needs lubricating.

**As far as the transmission goes, the most common issues include:**

- Gear slippage
- Humming, whining, clunking, or other strange noises
- Check engine light comes on
- Vehicle doesn't go into the proper gear immediately upon shifting

- When in neutral, the transmission makes noise
- Transmission fluid is low or leaking
- Grinding noise upon shifting gears, or shaking of your vehicle
- Burning odor, typically caused by overheated transmission fluid
- Difficulty changing gears due to dragging clutch – this is usually due to excess slack in the clutch pedal

## Contact Ace Auto Repair Today

***Ignoring clutch and transmission issues could result in costly damage, or your vehicle becoming completely inoperable.*** At Ace Auto Repair we treat your vehicle as if it were our own. Our expert technicians are the most trusted throughout the Salt Lake Valley, providing you with a wide array of services including [brake repair](#), [tune-ups](#), [oil changes](#), [engine rebuild and replacement](#), and [much more](#). Contact us today at 801-803-6016, or complete our [online form](#) for a free repair quote. ***When it comes to your vehicle, never settle for less than the best!***