



Tech Bulletin #: TB-1416	Part Number: 1416
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Bar's Leaks® Super Transmission Fix™	Size: 16.9 fl. oz. (500 mL)

Super Transmission Fix

Bar's Leaks Super Transmission Fix is a synthetic-blend treatment for the transmission fluid, seals, metal surfaces, bands and clutch plates. Global domestic / import formulation can be used in all automatic, manual, CVT & DCT transmissions.

- **Seal Conditioner** stops current and prevents future leaks by protecting and reconditioning seals.
- **Extreme Pressure / Anti-wear Agents** provide better metal-to-metal friction properties to stop slipping, jerking, hard shifting, shutter and shudder, improving shift feel giving better driving comfort.
- **Cleaning Detergents** include dispersant and antioxidants to remove sludge and varnish from metal parts.
- **Performance Additive Booster** renews worn bands, controls fluid degradation caused by high temperatures, reduces noise, and prolongs the useful life of your transmission.

These additives stop slipping, rough shifting, seal fluid leaks and reduce noise. Super Transmission Fix renews worn fluid and restores older & high mileage transmission performance. Works and safe to use on regular automatic (step, overdrive transmission, 2WD, 4WD, AWD), CVT (continually variable transmission), DCT (dual clutch transmission), ECT (electronically controlled transmission), manual (stick shift transmission), transaxle (front / all-wheel drive). Helps with small leaks (if you need to add fluid 1x per month), medium leaks (If you need to add fluid 1x per week), slipping / hesitation, rough / hard shifting, noise / whining, transmission light and other fluid related problems.



Instructions For Use

Fill hose included for easier application in some vehicles. Shake well. Add Super Transmission Fix to transmission per dosage chart. Consult owner's manual if needed for transmission dipstick / fill plug location. Do not overfill. Drive vehicle normally. Depending on the transmission problem, results will be immediate or noticeable within 250 miles or 3 days of driving. In transmissions with seriously damaged components, a second treatment may be required. In this case, it is suggested that the fluid and filter be changed before adding a second bottle.

Dosage

- One bottle treats transmission systems from 8 to 12 quarts of total fluid capacity
- Use a half bottle for fluid capacity from 4 to 7.9 quarts
- For larger systems, use 1 bottle for every 10 quarts

Common Transmission Issues - Symptoms / Diagnosis

No Operation - Engine runs, but vehicle does not move in drive “D” or reverse “R”. Most commonly caused by having a low fluid level, clogged filter, electrical issue, or a catastrophic mechanical failure.

Delayed Drive or Reverse – If you shift into gear and the vehicle takes longer than normal to start moving. Issues are most commonly caused by having a low fluid level, internal fluid leak, partially clogged filter, or serious transmission wear.

Shudder or Shaking – Jerky movement on takeoff or at highway speeds. This can be caused by having a low fluid level, internal fluid leak, low fluid line pressure, worn fluid, partially clogged filter, damaged clutches or chain/belt, and engine drivability issues.

Slipping – This is when the engine is revving, but power is not transferring to the tires. Most commonly caused by having low fluid level, internal fluid leak, low fluid line pressure, worn fluid, partially clogged filter, damaged clutches or chain / belt, and engine drivability issues.

No Shift to Higher / Lower Ratio – Vehicle drives but the engine RPM's are not at usual area with the vehicle feeling like it is stuck in wrong gear. This can be caused by having an incorrect fluid level, internal fluid leak, low fluid line pressure, worn fluid, clogged filter, binding, stuck or worn internal parts, or sensor failure.

Noise – If you hear a noise when the vehicle is in park or neutral, or a new noise the vehicle did not have previously, that usually is a sign of worn internal parts.

Burning Smell – A burnt odor is usually a sign that the transmission is overheating. Fluid leaks can also cause a burning smell if they leak on the hot exhaust. The problem should be corrected before driving the vehicle further.

Leaks and Fluid Loss – External leaks can come from multiple places on a transmission. Fluid can be many colors depending on the manufacturer, including red, pink, amber, green and blue. Internal leaks are not visible, but can cause numerous problems.

Fail Safe / Limp Mode – Vehicle runs in a reduced mode of operation. The most common causes are transmission overheating or low fluid level. Other potential causes include electrical issues, failed sensor or high fluid level. Usually the check engine/transmission light will be on and a code will be set that helps diagnose the issue.

Check Engine / Transmission Light – Most newer transmissions are computer controlled and a check engine /transmission light will come on if the system detects any problems, even if you don't notice them. These systems can be very sophisticated and the malfunction should be checked out before any serious problems can occur.