

EASY STEPS IN CHANGING TRANSMISSION FILTERS

1. Make sure the fluid is warm. Warm up the car so the transmission is at normal operating temperature. Pull the transmission dipstick (located near the firewall in most cars). Fresh fluid is translucent and cherry red. Some darkening is normal, but if it is reddish-brown or mustard color and smells like burnt varnish, it is worn out.
2. Drain the fluid by loosening the pan. Select the correct Hastings filter replacement based on pan shape and prepare a large pan to catch the fluid. Then loosen each pan bolt a turn or two and loosen one corner more than rest. Drain mostly from this corner.
3. Finish removing the pan and any gasket material from the pan or case. Avoid scratching the metal and make sure the pan's gasket surface isn't bent or distorted.
4. Remove the old filter. Most transmission filters are held in place with a bolt or two, but some are held by a clip. Be careful to include O-Rings or other seals.
5. Install a new filter. Use the clips or bolts from the old filter. Be sure O-Rings, etc. are in place. If the filter has a long intake neck, gently push the neck into place without unseating the O-Ring.
6. Clean the pan thoroughly. Inspect the pan before cleaning. A small amount of fine grey clutch dust is normal. However, if you find metal shavings, there has been transmission damage. Clean the pan with solvent and wipe dry so there is no harmful residue.
7. Position gasket on pan. Some gaskets have four holes slightly smaller than the rest to allow four bolts through the pan and through these smaller holes to hold the gasket in place.
8. Hand tighten pan bolts in a criss-cross pattern. After that, use a torque wrench to tighten to 10 or 15 pounds maximum.
9. Refill the transmission fluid using only the amount and type of fluid specified. Be sure the dipstick funnel is clean before using it.
10. Recheck the fluid level. With the car on level ground, set the parking brake and the transmission in "Park" or "Neutral." Let the engine idle for a few minutes. Shift the transmission into different positions before returning the lever to "Park" or "Neutral." Check the fluid level again and check for leaks.

TRANSMISSION IDENTIFICATION CODE LISTING

FORD TRANSMISSION IDENTIFICATION CODE LISTING

The transmission code is shown on the vehicle identification plate located on the driver's side door frame. The code letter is the first character listed under Trans. or TR.

I.D. Code	Year	Model	Hastings Number	Ford Number
B	1981-95	ATX (Automatic Transaxle)	TF54	E1EZ-7A098-A
C	1982-87	C-5 (4x2, Select Shift)	TF57	E2DZ-7A098-A
C	1983-86	C-5 (4x4)	TF66	E3TZ-7A098-A
C	1986-96	AXOD (Overdrive Transaxle)	TF81	E6SP-7G186-AB
C	1989-90	GA4-HL	TF102	D5AZ-7A098-A
E	1989-92	4EAT (Probe)	TF102	E92Z-7A098-A
E	1993-97	4EAT (Probe)	TF112	F32Z-7A098-A
E	1989-on	E40D (4x2)	TF92	E9TZ-7A098-A
E	1989-on	E40D (4x4)	TF93	E9TZ-7A098-B
G	1970-81	C-4 (Trucks)	TF10	D0DZ-7A098-C
G	1973-77	C-4 (Deep Pan)	TF32	D3SZ-7A098-A
G	1973-on	C-6 (4x4 Trucks)	TF33	D3TZ-7A098-A
K	1979-on	C-6 (4x2)	TF29	D5AZ-7A098-BA
L.T	1986-88	A4LD (4x2)	TF84	E6TZ-7A098-AD
L.T	1986-on	A4LD (4x4)	TF140	E6TZ-7A098-A
L	1989-on	A4LD (Cars)	TF139	E9TZ-7A098-C
L	1996-on	AX4S	TF152	F6DZ-7A098-A
P	1992-97	AODE, AODE-W	TF110	F2VY-7A098-A
S	1977-82	Jatco PLA	TF43	D7DZ-7A098-A
T	1980-96	AOD, AOT (4x2, Automatic Overdrive)	TF51	E0AZ-7A098-A
T	1985-95	AOD, AOT (4x4 Trucks, Automatic Overdrive)	TF74	E4TP-7F003-AA

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T	1986-96	AXODE (FWD, Overdrive Transaxle)	TF81	E6SP-7G186-AB
U	1967-74	C-6 (XPL)	TF14	C6AZ-7A098-A
U.Z	1973-on	C-6 (Deep Pan)	TF33	D3TZ-7A098-B
U	1975-82	C-6 (XPL)	TF29	D5AZ-7A098-BA
U	1994-99	AODE (4x4)	TF128	F4TZ-7A098-A
V	1974-88	C-3 (X/P)	TF36	D4ZZ-7A098-A
W	1967-69	C-4 (XP3)	TF20	C5AZ-7A098-C
W	1970-81	C-4	TF10	D0DZ-7A098-B
W	1973-77	C-4 (Ford Bronco)	TF32	D3SZ-7A098-A
W	1974-81	C-4 (Bobcat, Capri, Mustang, Pinto)	TF30	D4FZ-7A098-A
W	1982-84	C-5	TF57	E2AZ-7A098-A
X	1967	Cruise-O-Matic (FX)	TF7	B9AP-7A098-B
X	1968-77	Cruise-O-Matic (FMX)	TF15	D0AZ-7A098-A
X	1978-80	FMX	TF39	C8AZ-7A098-C
X	1993-96, 99	AX4N	TF151	F5DZ-7A098-A
Y	1968	Cruise-O-Matic (MX)	TF22	B9MP-7A098-B
Z	1967-74	C-6 (XPL Special)	TF14	C6AZ-7A098-A
Z	1975-on	C-6 (XPL Special)	TF29	D5AZ-7A098-BA
4	1966	C-6 (XPL)	TF14	C6AZ-7A098-A
6	1963-65	C-4 (Dual Range Automatic, XP)	TF19	C4AZ-7A098-B
6	1966	C-4 (XP)	TF20	C5AZ-7A098-C
7	1966	Cruise-O-Matic (FX)	TF7	B9AP-7A098-B