

FILLING THE TRANSMISSION

WHAT YOU SHOULD KNOW ABOUT A.T.F.

When filling the transmission with A.T.F., keep in mind these little known facts listed below. I'm sure that you will find this section informative and helpful.

While checking the fluid level of the transmission, keep in mind that the level will change directly with the fluid temperature. If the fluid feels cool, about room temperature, the level should be between the two dimples below the "add" mark.

Dimples are only on some models.

If the fluid feels warm, the level should be close to the add mark.

If the fluid is hot, the level should be between the "add" and "full" marks. If fluid is added, recheck the fluid level after one to three minutes with the engine running.

Hydra-matic engineers note that automatic transmissions are frequently overfilled because the fluid level was checked when the fluid was cold and dipstick indicated that fluid should be added.

As the fluid temperature increases, a level change of over $\frac{3}{4}$ " will occur as fluid temperature rises from 60 to 180 degrees. Refer to Figure C.

TRANSMISSION FLUID TIPS

It really doesn't matter what type of fluid you put in the transmission (TYPE-F or DEXRON II) as long as it is a high quality brand. My personal preference in my racecar was KENDALL TYPE-F. It seemed to hold up the best for me. The basic difference is the DEXRON II has a little bit more of the lubricity additive. This will cause a little softer shift than TYPE-F.

COLOR

A FEW YEARS AGO, TRANSMISSION FLUID BECOMING DARK INDICATED FLUID FAILURE. Hydra-matic engineers say this isn't true today. Dexron II turns dark early in its life; therefore, the color of the transmission fluid is not a good indicator anymore.

SMELL

Hydra-matic engineers say that smell isn't always the best indicator of the fluid anymore, either. After a few hundred miles, DEXRON II develops a definite odor. Engineers say the transmission fluid should not be replaced prematurely just on the basis of its smell. Although sight and smell alone should not be used to determine the condition of the fluid, do not overlook these symptoms when making a service determination.

WARRANTY

Transmission Specialties products carry a 90-day minimum guarantee against defects in material and workmanship. This warranty is implied only on products produced and manufactured in house by Transmission Specialties Inc. Transmission Specialties Inc. will not warranty any defects due to improper installation or lack of proper maintenance. Transmission Specialties reserves the right to determine whether or not a warranty should be granted. Transmission Specialties Inc. will not warranty any failure of parts manufactured by the OEM manufacturers.