

# insider info.

## **3AT Malfunction**

Problem: You have rebuilt a 3-speed automatic transmission or installed a valve body, and find that the transmission has no reverse and when driven on the road, has no second gear.

A likely cause of this problem is that the servo apply and release pipes have been installed incorrectly. These pipes, when installed correctly, will form the letter "T." The servo apply pipe is the one nearest to the rear of the transmission and should run parallel to the rear oil pan gasket surface. The other pipe is the servo release pipe and should run parallel to the side of the transmission. Refer to the 1990 Loyale Service Manual, Section 3-2, page 52, Figure 64.

The pipes are made of aluminum and can quite easily be stretched to fit into the wrong holes.

Whenever these pipes are removed, it is recommended that new pipes be installed to ensure that they fit correctly and do not leak.