



## NISSAN AND MAZDA 4N71B/N4A-EL OIL PUMP ASSEMBLY IDENTIFICATION

The oil pump assemblies for the L4N71B transmission, E4N71B transmission, and N4A-EL transmission are very similar in the way they look, ***but are not interchangeable***. Care must be used when an oil pump replacement is necessary, to avoid transmission operational problems from installing the wrong oil pump. Visual differences are listed below and illustrated in Figures 1 and 2.

### PUMP BODIES

***L4N71B Applications*** - One difference is the feed holes that connect to the bell housing. This application has only one hole in the pump body for governor feed oil to stroke the lock-up control valve, and is illustrated in Figure 1.

***E4N71B Applications*** - This application has two feed holes that connect to the bell housing, one for lock-up solenoid feed and one for lock-up solenoid exhaust, as illustrated in Figure 1.

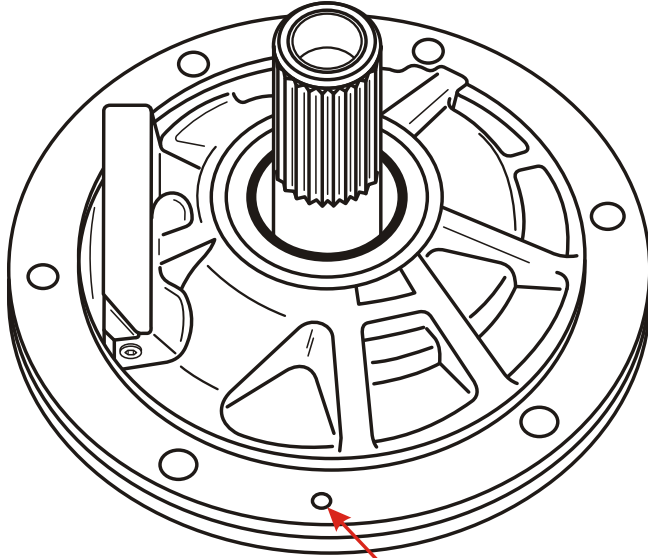
***N4A-EL Applications*** - This application has "No" feed holes that connect to the bell housing, because the lock-up solenoid is not fed through the bell housing, as illustrated in Figure 1.

### PUMP COVERS

***L4N71B and E4N71B Applications*** - These applications have a machined journal on the back side of the pump covers, as illustrated in Figure 2.

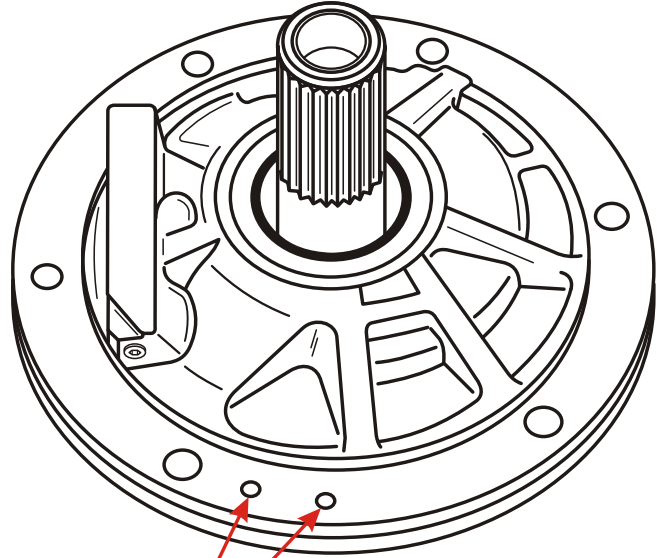
***N4A-EL Applications*** - This application ***does not*** have the machined journal on the back side of the pump cover, as illustrated in Figure 2.

**L4N71B**



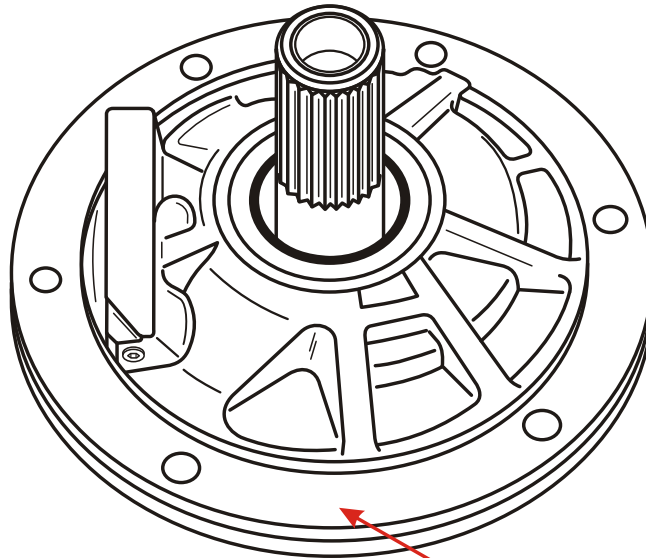
**ONE FEED HOLE**

**E4N71B**



**TWO FEED HOLES**

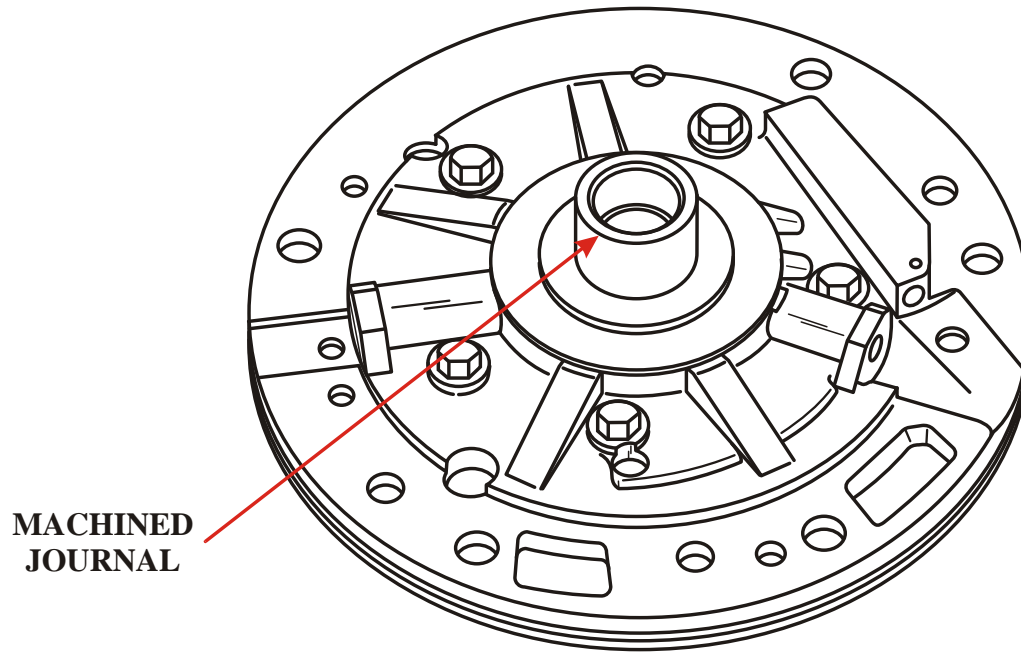
**MAZDA N4A-EL**



**"NO" FEED HOLES**

Figure 1

## 4N71B, L4N71B, E4N71B



## MAZDA N4A-EL

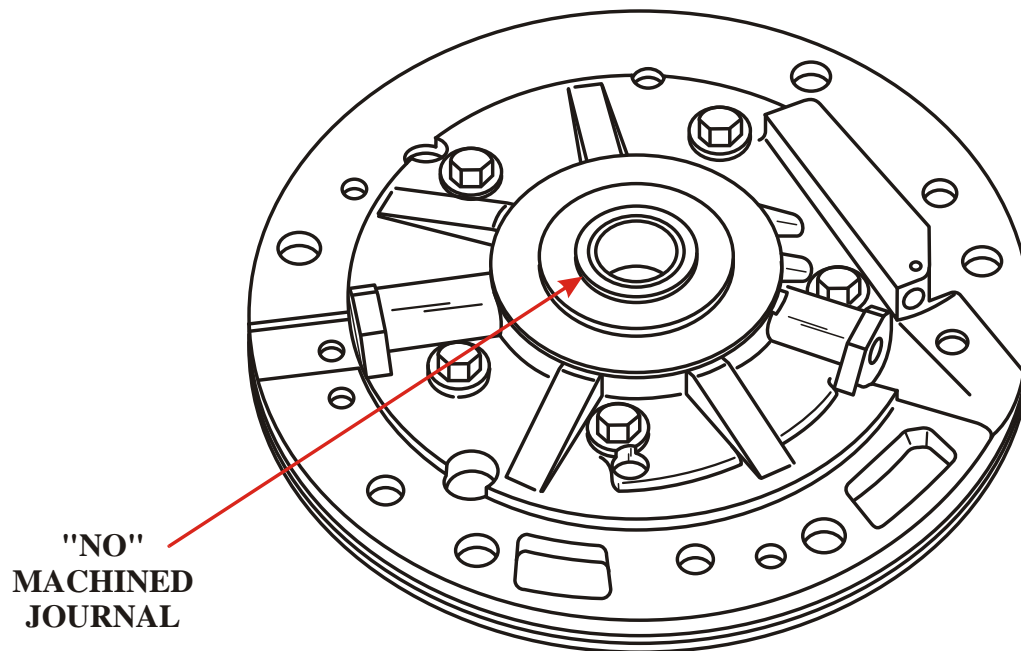


Figure 2