



# Technical Service Information

## MAZDA "HOLD MODE" OPERATION

There are currently "Two" "Hold Mode" upshift strategies. The "First Design" which includes 1988-1993 vehicles equipped with R4A-EL, N4A-EL, G4A-EL and GF4A-EL. The "Second Design" includes vehicles equipped with F4A-EL and G4AX-EL (All Wheel Drive). Refer to Figure 1 for transmission to vehicle application guide, and Figure 2 for 1st and 2nd design upshift strategy charts.

1ST DESIGN TRANSMISSION TO VEHICLE APPLICATION	
G4A-EL	88-93 626& MX6
GF4A-EL	93-96 (2.5V6) 626& MX6, 95-96 (2.5V6) MILLENIA
N4A-EL	88-91 929, 89-92 RX7
R4A-EL	(3.0V6) MPV, 90-93 (2.6L4) PICKUP, 92-95 929, 93-96 RX7
R4AX-EL	90-93 (2.6L4) PICKUP 4WD, (3.0V6) MPV 4WD

**NOTE:** 87 Models are equipped with O.D. Cancel .

2ND DESIGN TRANSMISSION TO VEHICLE APPLICATION	
F4A-EL	323 & PROTEGE
G4AX-EL	323 AWD

Figure 1

## 1ST DESIGN UPSHIFT STRATEGY

RANGE	HOLD	GEARS OBTAINABLE
D	OFF	1st, 2nd, 3rd, 4th
S	OFF	1st, 2nd, 3rd
L	OFF	1st, 2nd
D	ON	2nd, 3rd
S	ON	2nd
L	ON	1st

## 1ST DESIGN UPSHIFT STRATEGY

RANGE	HOLD	GEARS OBTAINABLE
D	OFF	1st, 2nd, 3rd, 4th
S	OFF	1st, 2nd, 3rd
L	OFF	1st, 2nd
D	ON	1st, 2nd, 3rd
S	ON	2nd
L	ON	1st

***NOTE: There are NO upshifts or "Full Throttle" downshifts, for 1st or 2nd Design, other than what has been listed above.***

Figure 2