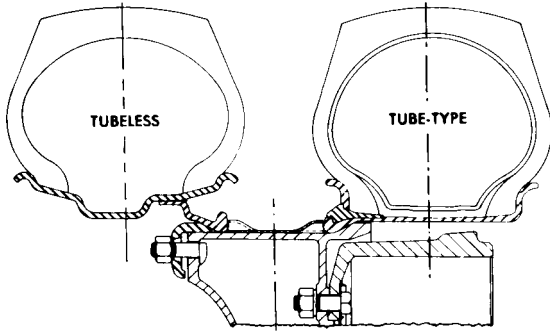


CHANGEOVER FROM TUBE-TYPE TO TUBELESS TIRES

Tubeless tires mounted on one-piece 15 $\frac{1}{2}$ drop center rims are completely interchangeable with tube-type tires and rims on the same cast spoke wheels except for cast spoke wheels designed to carry 8.5 and wider tube-type rims. When making a tubeless conversion, the first step is to select the proper replacement tubeless tire and drop-center rim.

The next step is to determine the dual spacing of the original rim and spacer band combination as shown on page 26 for 5 $\frac{1}{2}$ and FL rims. Then find in the dual spacing chart, below, the dual spacing for the new tubeless assembly

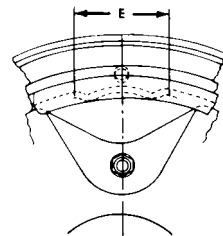
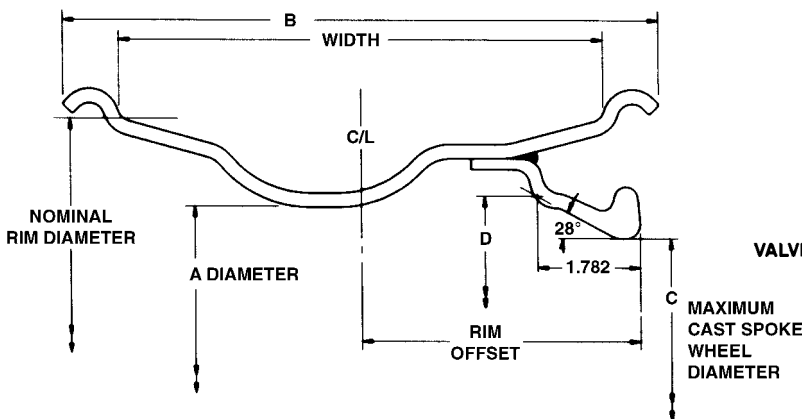


using the original size spacer band. If this spacing varies considerably from that of the original tube-type assembly, the clearance between tires, vehicle body clearance, and/or overall width of dual tires may be incorrect. These conditions will require a change in width of the spacer bands and possibly the clamps.

Tubeless Tire & Rim Changeover Table			
Information from The Tire & Rim Association 1996 EDI			
Tube-Type Tire (Width★Dia.)	Replaced by Tubeless (Width★Dia.)	Preferred Tire Rim (Dia. x Width)	Alternate Tubeless Rim (Dia. x Width)
8.25★15TR	9★17.5HC	17.5 x 6.75HC	—
9.00★15TR	10★17.5HC	17.5 x 7.50HC	17.5 x 6.75HC
10.00★15TR	11★17.5HC	17.5 x 8.25HC	—
7.50★20	8★22.5	22.5 x 6.00	22.5 x 6.75/5.25
8.25★20	9★22.5	22.5 x 6.75	22.5 x 7.50/6.00
9.00★20	10★22.5	22.5 x 7.50	22.5 x 6.75
10.00★20	11★22.5	22.5 x 8.25	22.5 x 7.50
10.00★22	11★24.5	24.5 x 8.25	24.5 x 7.50
11.00★20	12★22.5	22.5 x 9.00	22.5 x 8.25
11.00★22	12★24.5	24.5 x 9.00	24.5 x 8.25

Rim Dimensions And Dual Spacing For 15° Tubeless Rims Sizes 6.75 Through 9.00

Part Number	Size		Rim Offset						Dual spacing with spacer band width			
	Dia.	Width		A	B	C	D	E	3 3/8	3 5/8	4	4 1/4
31868 - 17.5	17.5	6.75	3.90	14.5	8.67	13.550	15	3.75	11.2	11.4	11.8	12.0
31814 - 17.5	17.5	8.25	4.75	14.5	10.25	13.550	15	3.75	12.9	13.1	13.5	13.7
31871 - 22.5	22.5	6.75	3.90	19.5	8.67	18.550	20	3.75	11.2	11.4	11.8	12.0
30371 - 22.5	22.5	7.50	4.26	19.5	9.50	18.550	20	3.75	11.9	12.1	12.5	12.8
30645 - 22.5	22.5	7.50	4.50	19.5	9.50	18.550	20	3.75	12.4	12.6	13.0	13.4
30375 - 22.5	22.5	8.25	4.40	19.5	10.25	18.550	20	3.75			12.8	13.0
30391 - 22.5	22.5	8.25	4.75	19.5	10.25	18.550	20	3.75	12.9	13.1	13.5	13.7
32051 - 22.5	22.5	8.25	4.75	19.5	10.25	18.550	20	3.25	12.9	13.1	13.5	13.7
32052 - 22.5	22.5	9.00	5.00	19.5	11.20	18.550	20	3.75		13.6	14.0	14.2
30375 - 24.5	24.5	8.25	4.40	21.5	10.25	20.550	22	4.50			12.8	13.0
30391 - 24.5	24.5	8.25	4.75	21.5	10.25	20.550	22	4.50	12.9	13.1	13.5	13.7
32051 - 24.5	24.5	8.25	4.75	21.5	10.25	20.550	22	4.50	12.9	13.1	13.5	13.7



VALVE LOCATOR POSITIONING ON SPOKE WHEEL

Note: All dimensions in inches.

Note: For Tire Minimum Dual Spacing refer to page 25. When chains are used, additional spacing may be required. See SAE