

LACING 16" WHEELS

The method of lacing 16 inch wheels has been changed to make them easier to lace in production. The relationship of the spoke flanges on the wheel hubs has been changed to match the new

lacing pattern. Rims, spokes and nipples have not changed. The instructions below will simplify identification of the hubs and lacing procedures.

NEW STYLE

IDENTIFICATION

1. Wheel

See Figure 1. Inner spoke pairs on opposite sides of wheel cross each other. Outer spokes on opposite sides of the wheel cross each other.

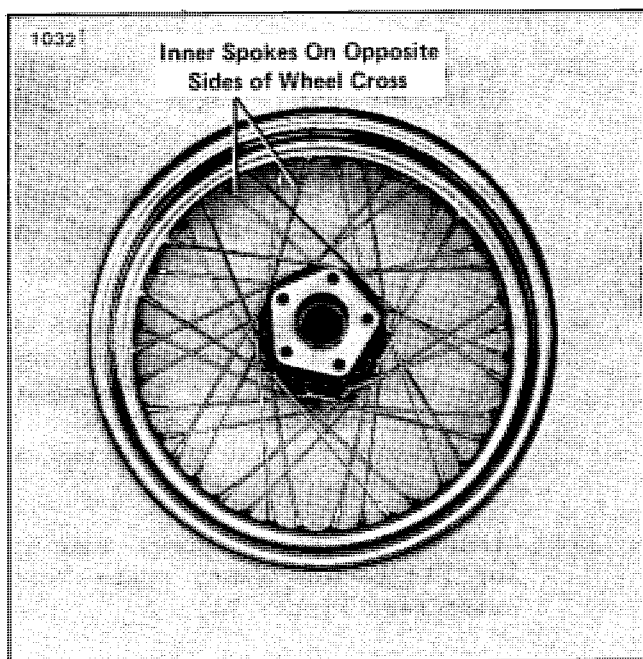


Figure 1. New Style Lacing Pattern.

2. Hub

See Figure 2. Pick any outside spoke hole and sight straight across the hub. The first spoke hole to the right of the line of sight is an outside spoke hole.

OLD STYLE

IDENTIFICATION

1. Wheel

See Figure 1A. Inner spokes on both sides of the wheel angle in the same direction. All outer spokes angle in the opposite direction.

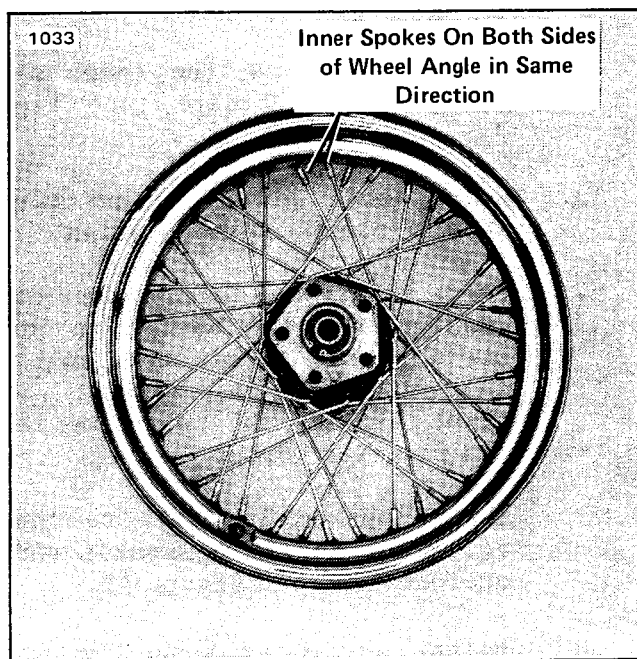


Figure 1A. Old Style Lacing Pattern.

2. Hub

See Figure 2A. Pick any outside spoke hole and sight straight across the hub. The first spoke hole to the right of the line of sight is an inside spoke hole.

NEW STYLE

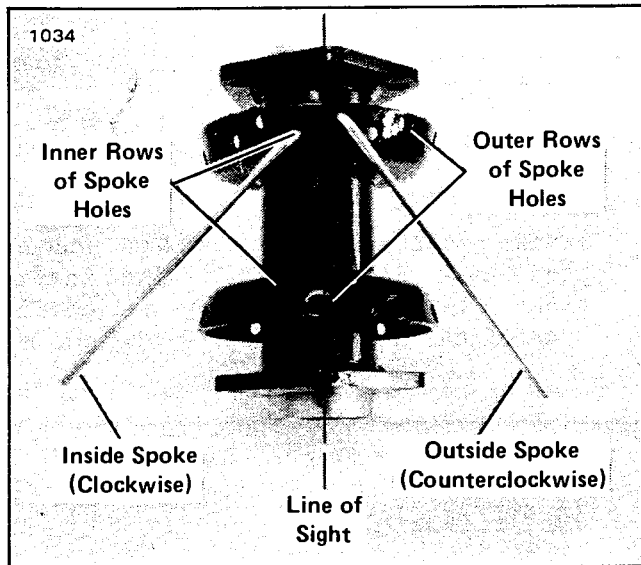


Figure 2. Starting Spokes in Wheel Hub- New Style.

LACING (Figures 2 and 3)

1. Place hub on bench with one of the flanges up.
2. Insert spokes in ten inner spoke holes of hub flange (see Figure 2).
3. Swing loose end of spokes clockwise as far as hub will allow.
4. Place rim over hub either side down and insert spokes in upper row of holes in rim that angle in same direction as spokes. Just start nipples on spokes as they are inserted in rim.
5. Insert spokes in outer ten holes of flange and swing spokes counterclockwise (see Figure 3).
6. Select any outer spoke, cross it over four inner spokes (A,B,C and D) and insert spoke in nearest upper rim hole and start nipple. Follow same procedure with balance of spokes.
7. Turn rim and hub over. Repeat operations 2, 3, 5 and 6. Swing inner spokes clockwise and outer spokes counterclockwise.

OLD STYLE

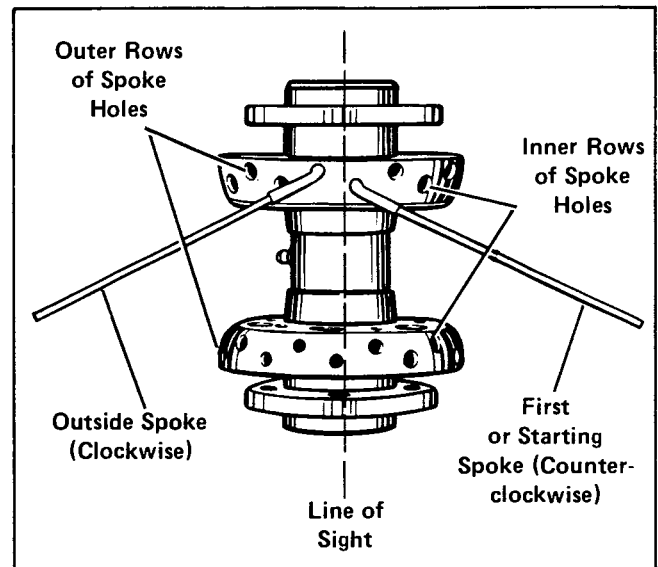


Figure 2A. Starting Spokes in Wheel Hub- Old Style.

LACING (Figures 2A and 3A)

1. Place hub on bench with one of the flanges up.
2. Insert spokes in ten inner spoke holes of hub flange (see Figure 2A).
3. Swing loose end of spokes counterclockwise as far as hub will allow.
4. Place rim over hub either side down and insert spokes in upper row of holes in rim that angle in same direction as spokes. Just start nipples on spokes as they are inserted in rim.
5. Insert spokes in outer ten holes of flange and swing spokes clockwise (see Figure 3A).
6. Select any outer spoke, cross it over four inner spokes (A,B,C and D) and insert spoke in nearest upper rim hole and start nipple. Follow same procedure with balance of spokes.
7. Turn rim and hub over. Repeat operations 2, 3, 5 and 6, except in operation 3, swing spokes clockwise and in operation 5 swing spokes counterclockwise.

