Over the years many of our motorcycle designs have required that the tire valve stem be located on the brake disc side of the rim to prevent contact with drive side components.

The service manuals and PHD training program No. 118 do not explain how to properly locate the rim with the hub to achieve proper valve stem location on the brake side on 1986 and later XL, FX, and FXR models. The following change to these 1986 and later service manuals is required:

The rim must be placed over the hub with the valve hole on the same side as the brake disc mounting flange on 1986 and later XL, FX and FXR 16 inch wheels. The brake disc side is the side opposite the hub groove as indicated below.