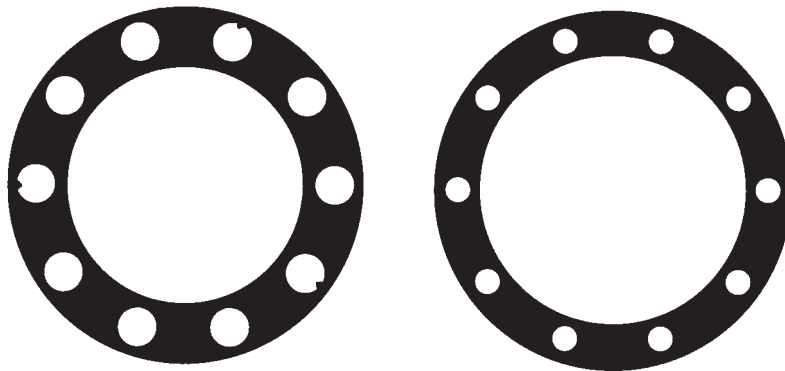


SECTION XIII: PROCEDURES FOR INSTALLING WHEEL-GUARD[®] SEPARATOR PLATES ON VEHICLES



The Wheel-Guard is a nylon separator plate, approximately .040" thick. It is placed between the hub or drum and the wheel, and/or between two wheels in dual applications. The Wheel-Guard separator plate is strongly recommended in severe applications where corrosion and/or wear has been identified as a problem. Wheel guard separator plates should not be used between the brake drum and hub. For extreme temperature conditions and/or frequent stop-start braking applications, contact Accuride for recommendations. Both aluminum and steel wheels can benefit from the use of a separator plate. Care must be exercised in centering the separator plate prior to torquing and stud length must be checked as each plate is approximately .040" thick.

<u>Part No.</u>	<u>Application</u>
5901	10 Hole-11 $\frac{1}{4}$ " bolt circle, 1 $\frac{1}{8}$ ", and $\frac{7}{8}$ " diameter studs.
5902	10 Hole-11 $\frac{1}{4}$ " bolt circle, $\frac{3}{4}$ " diameter studs.
5903	10 Hole-285.75mm bolt circle, 22mm diameter studs.
7381	10 Hole-335mm bolt circle, 22mm diameter studs.
7901	8 Hole-285mm bolt circle, 20mm, 22mm, 24mm, and 30mm diameter studs.
7902	8 Hole-275mm bolt circle, 20mm diameter studs.

NOTE: The Wheel-Guard separator plate may be used between front or rear brake drums (or hubs) and the wheels. The proper separator plate may also be used between dual wheels.

INSTALLATION PROCEDURE:

1. Inspect the surfaces which will contact the Wheel-Guard separator plate. They should be clean, smooth, and flat. Wheels and drums should not have paint build-up or runs. Used wheels and hubs should have all rust or loose paint and dirt removed. It is desirable to apply a primer coating to the wheel to prevent corrosion.
2. Slide the specified Wheel-Guard separator plate over the studs (or inner cap nuts) before the wheel is applied. The separator plate must fit flat against the backup surface and be centered. The bolt holes are designed to fit snugly to the studs, so as to center the separator plate. There are tabs in three bolt holes of some separator plates for centering on the studs. These tabs push aside for larger studs.
3. Apply the wheel against the Wheel-Guard separator plate by following standard mounting procedures and torque the nuts in a criss-cross sequence to the specified torque.

Stud length and nut engagement should not be a problem because the Wheel-Guard separator plate is only .040" thick. With separator plates behind and between wheels on a "hub mount" type dual assembly, there would be .080" less stud through the nuts.

Wheel-Guard separator plates may be reused if they retain their original dimensions. Compare them with an original. Do not reuse damaged or worn-out separator plates.