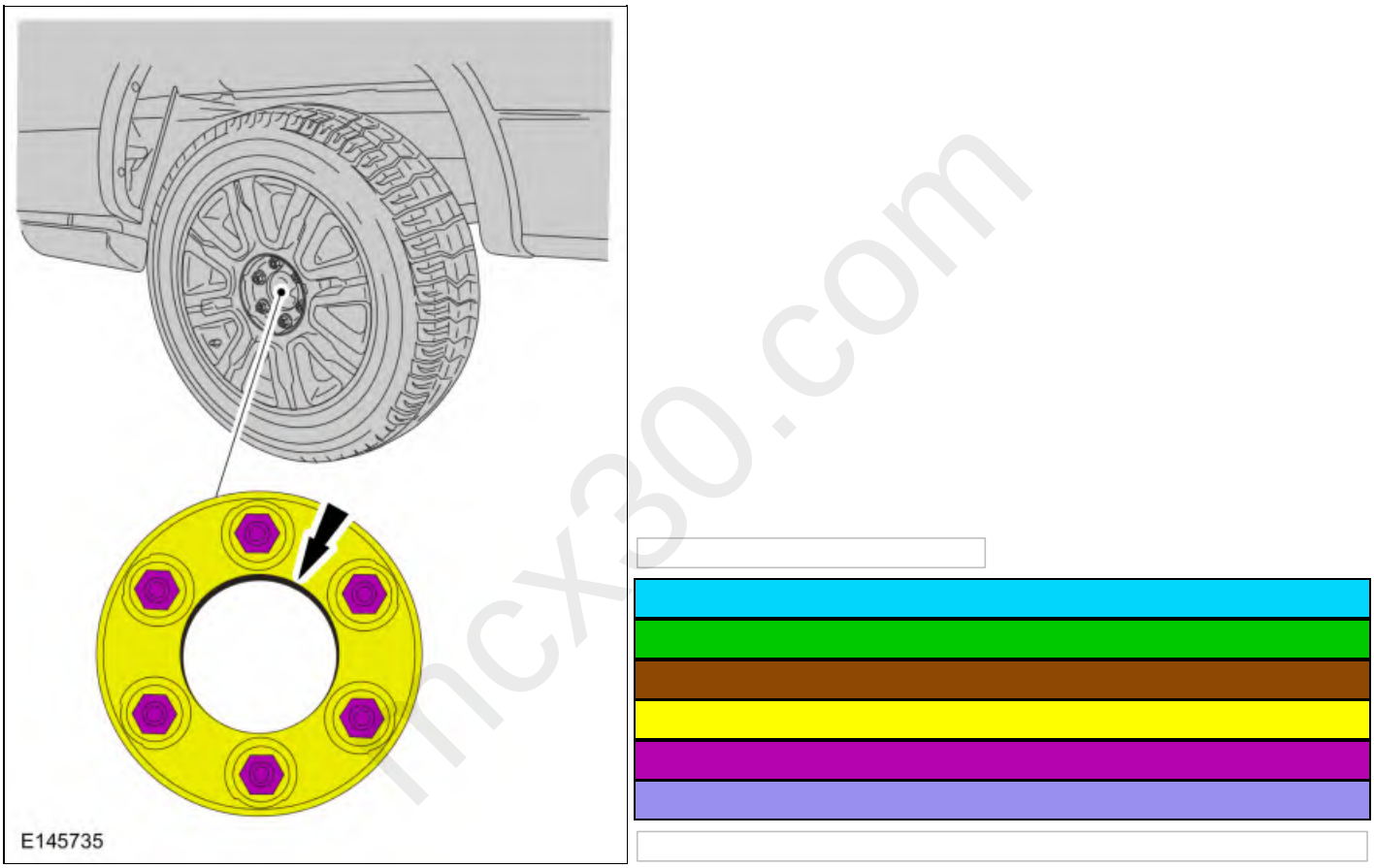
Wheel to Hub Runout Minimization

Activation

NOTE: *Wheel-to-hub optimization is important. Clearance between the wheel and hub can be used to offset or neutralize the Road ForceÂ® or run-out of the wheel and tire assembly. For every 0.001 inch of wheel-to-hub clearance, the Road ForceÂ® can be affected between 1 and 3 pounds depending on the tire stiffness.*

1. **NOTE:** *The example below illustrates how the clearance between the wheel and the hub can be used to offset the high spot of radial run-out or Road ForceÂ®. Following the procedure will make sure of the best optimization.*

   Position the wheel and tire assembly on the vehicle so that the high spot location of radial run-out or Road ForceÂ® is at the 6 o'clock position and install the wheel nuts by hand until snug.



2. **NOTE:** *Do not allow the full weight of the vehicle to rest on the tires while tightening the wheel nuts.*

   Lower the vehicle until the tires make contact with the ground, slightly loading the suspension. Tighten the wheel nuts.
   Refer to: Wheel and Tire - Vehicles With: Single Rear Wheels (204-04A Wheels and Tires, Removal and Installation).
   Refer to: Wheel and Tire - Vehicles With: Dual Rear Wheels (204-04A Wheels and Tires, Removal and Installation).