

ULA 3° Cone - Ford F150

Improved Service Balancer Cone for Vibration or Steering Nibble

Applicable vehicle lines include:

- 2003-2006 Expedition & Navigator
- 2004-2006 F-150

Precision handling, precise steering and the sensitivity of today's vehicle suspension systems has increased the need for precision balancing in combating vibration or steering nibble complaints.

A precision balance job can be degraded when standard balancer accessories do not fit the wheel as precisely as possible. Together, Coats and Ford Engineering have developed an Ultra Low Angle (ULA) 3° Cone and Fixed Finger Plate to be used specifically on 2004-2006 F150, 2003-2006 Expedition and Navigator. This new dedicated tooling will improve the mechanical repeatability for runout and balance when mounting tire and wheel assemblies on any service balancer with a 40 mm or 28mm diameter shaft.

Mechanical repeatability is different from calibration. It is the apparent change in balance or runout when an assembly is first balanced or checked for runout and then removed and rebalanced again. This repeatability can be degraded when the standard balancer accessories do not fit the wheel as precisely as possible. Repeatability is also affected when the balancer shaft or accessories have excessive wear, therefore, periodic inspection of balancing equipment is strongly recommended.



ULA Cone Part No.

81141821 (40mm)

81144441 (28mm)

Fixed Finger Plate 12a/b Part No.

8113711C (FFP 12b - 40mm)

8113708C (FFP 12a - 28mm)

The new **Coats ULA 3° Centering Cone combined with the Fixed Finger Plate 12b (135mm; 40mm shaft) or 12a (135mm; 28mm shaft)** are specifically designed to be used together on 2004-2006 F150, 2003-2006 Expedition and Navigator wheels. They will improve the quality of any "regular" balance job for the listed vehicles and in addition will improve your chances of success when troubleshooting a vibration or steering nibble complaint vehicle.

Hennessy Industries, Inc.

Manufacturer of Ammco®, Coats® and BADA® Automobile Service Equipment, Tools and Accessories

1601 J.P. Hennessy Drive LaVergne, TN 37086-3565 800-688-6496 or 615-641-7533

Hennessy Canada: 2430 Lucknow Drive, Unite 9, Mississauga, Ontario L5S 1V3 905-672-9440

www.ammcoats.com