INFINITI® SERVICE BULLETIN

Classification:	Reference:	Date:
WT10-006b	ITB11-005b	December 21, 2012

INFINITI; WHEEL BALANCING SERVICE INFORMATION

This bulletin has been amended. Changes have been made on all pages.
Please discard previous versions.

APPLIED VEHICLES: All 2011 – 2013 Infiniti vehicles

SERVICE INFORMATION

To increase tire/wheel assembly balancing accuracy, proper steps should be followed:

- Make sure to use the correct size wheel centering collet (do not use a cone).
- Make sure to use a flange plate and stud set to secure the tire/wheel assembly on the balancer (do not use a cup).

  NOTE: For Hunter balancing equipment – specific centering and mounting tools (collets and flange plates) for Applied Vehicles are available – see page 5.

- Perform proper wheel mounting and centering checks.

Refer to the information in this bulletin for details on the above points.

Select the correct size road wheel centering collet. Do not use a cone (see Figure 1).

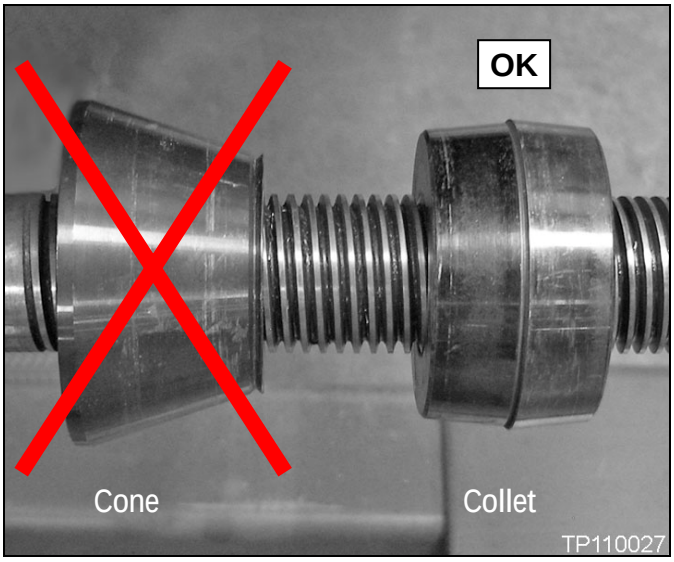

Figure 1

For proper centering, the road wheel-to-collet contact area should be at the point shown in Figure 2.

- Part Numbers for Hunter collets that fit Applied Vehicles are listed on page 5.
- For non-Hunter equipment, select a size and shape collet that will contact the road wheel at the point shown in Figure 2.

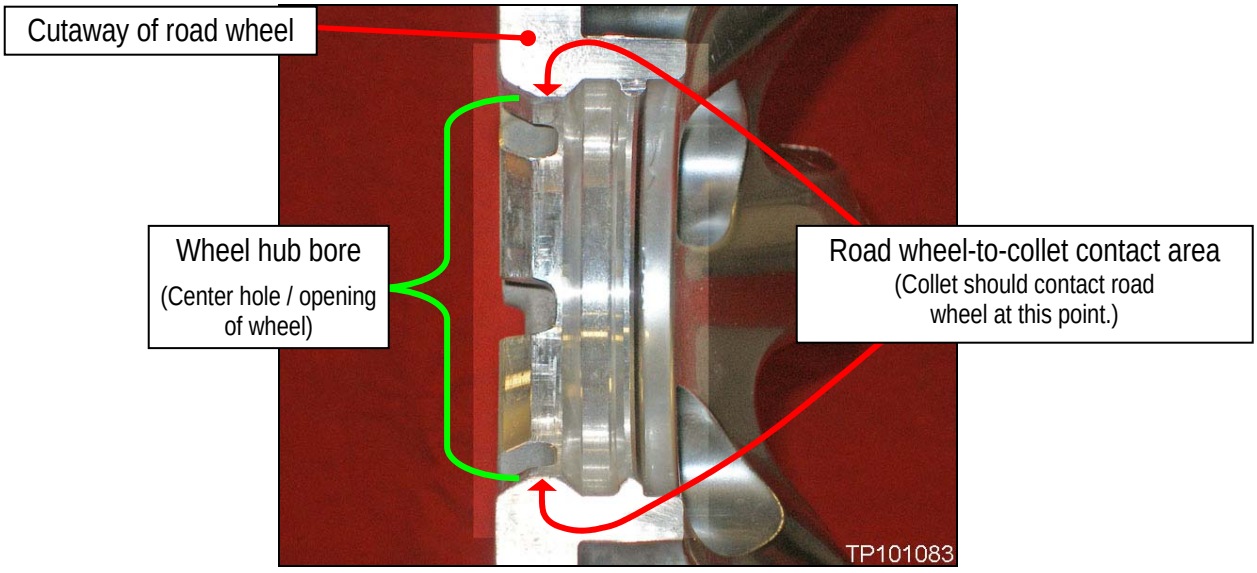

Figure 2

Use a flange plate and stud set to secure the tire/wheel assembly on the balancer. Do not use a cup (see Figure 3).

- Part Number for Hunter flange plate and stud set that fits Applied Vehicles is listed on page 5.

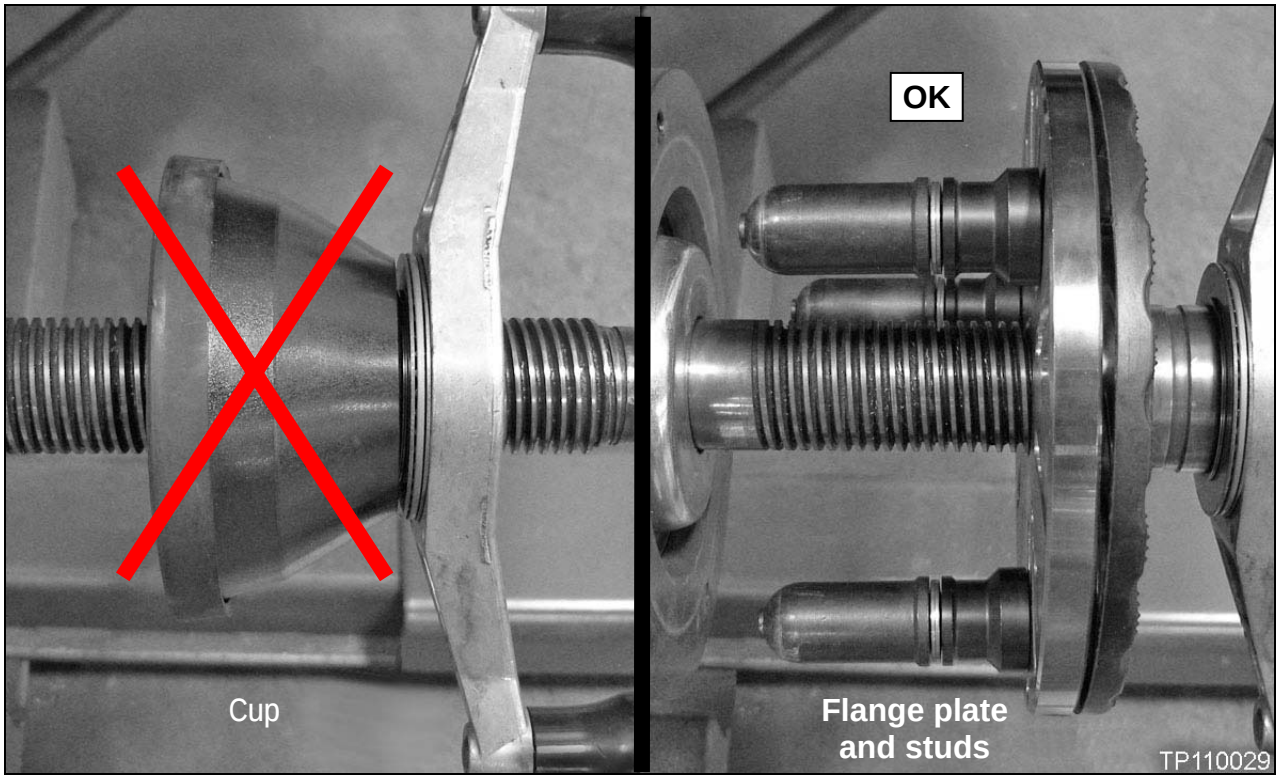

Figure 3

NOTE: Using a flange plate and stud set will improve wheel centering, which improves balance accuracy, and helps protect the wheel from damage (marks and nicks).

Properly mount the tire/wheel assembly to the wheel balancer (see Figures 4 and 5).

- Hunter equipment is shown, other equipment is similar.

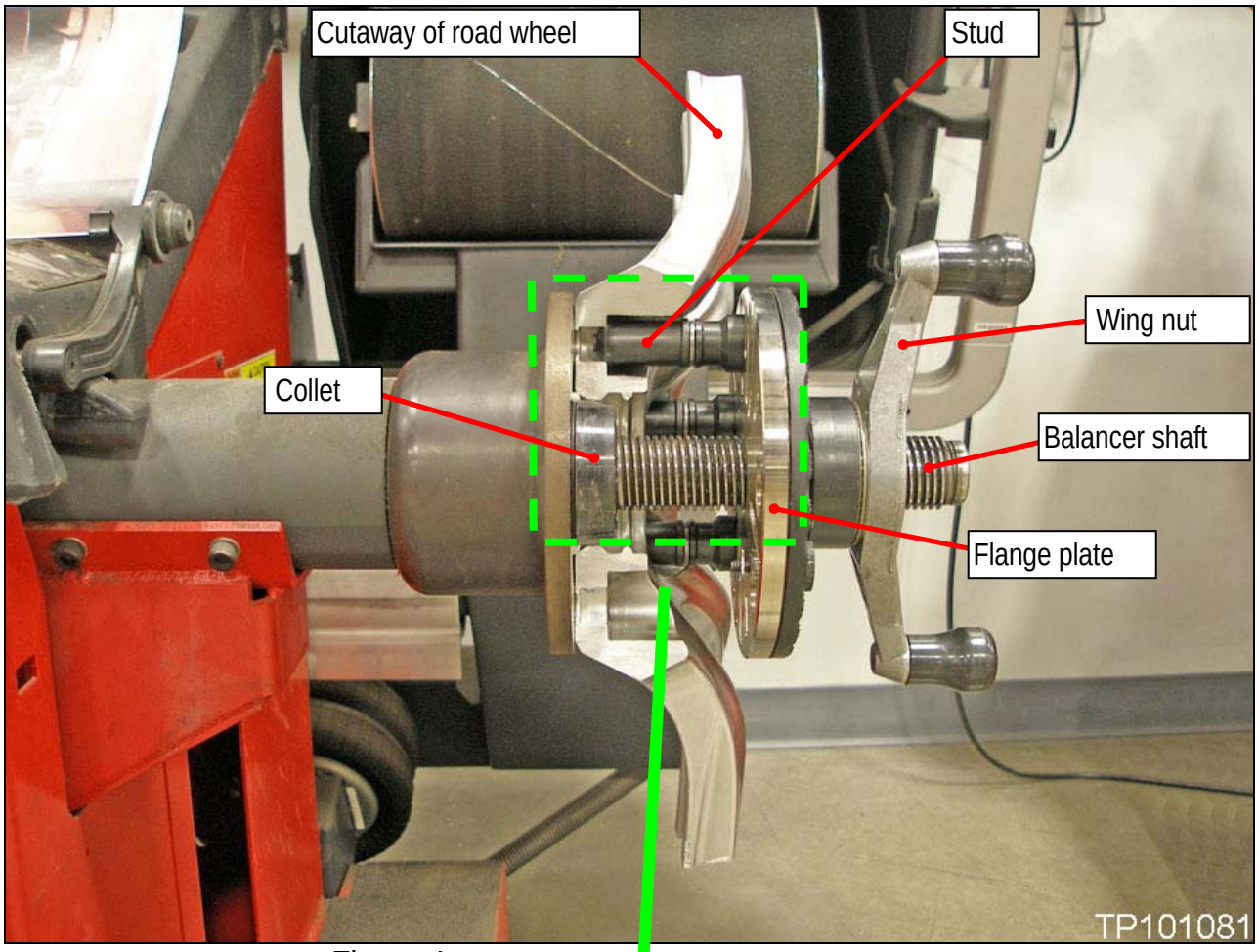

Figure 4

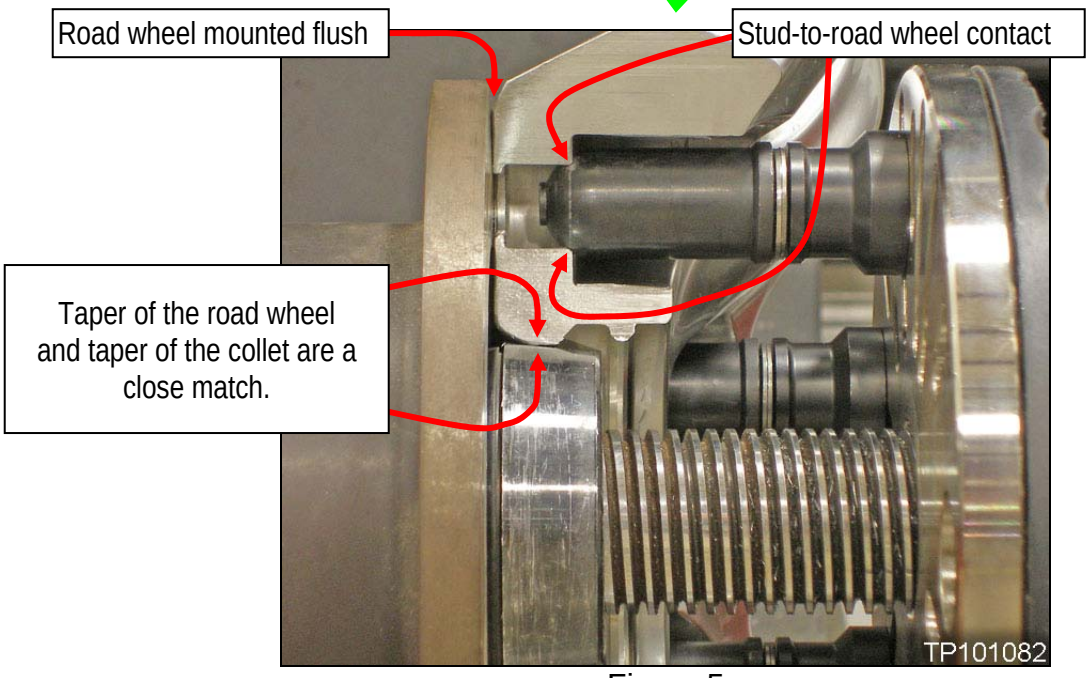

Figure 5

Wheel Centering Quick Check

1. Run the tire/wheel assembly on the wheel balancer in the “non-round-off” mode and record the imbalance measurements.
   - Mark the location where the weight(s) are requested.
2. Loosen the wing nut while keeping the tire/wheel assembly from turning on the balancer shaft.
3. Rotate the tire/wheel assembly 180 degrees on the balancer shaft, and then secure it with the wing nut.
4. Run the tire/wheel assembly again.
   - The imbalance values should be within ¼ ounce (7 grams) of the values in Step 1.
   - The weight(s) should be located within 2-3 inches (50-75 mm) of the locations in Step 1.

Hunter Collet and Flange Plate Part Numbers for Applied Vehicles:

	Mid Size	Full Size
HUNTER COLLET PART NUMBERS	192-157-2	192-160-2
HUNTER FLANGE PLATE AND STUD SET PART NUMBER	20-1839-1	20-1839-1

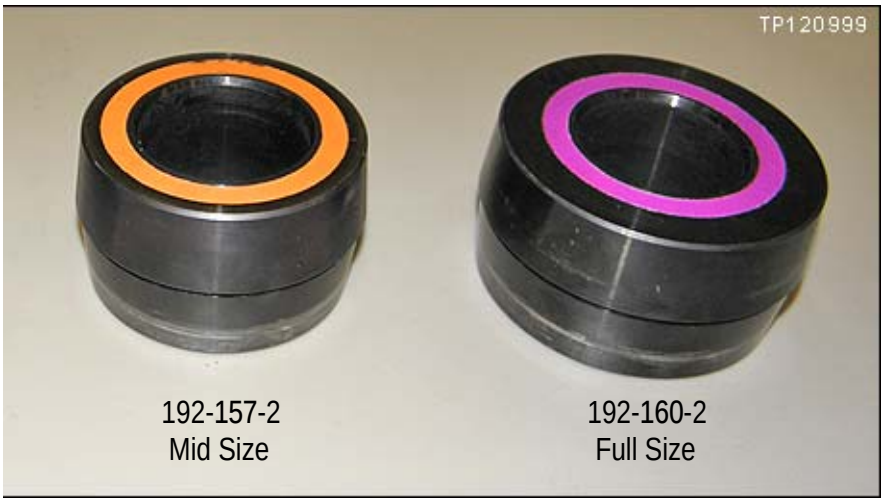

Figure 6