

Classification:

WT10-006a

Reference:

ITB11-005a

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Date:

April 21, 2011

INFINITI; WHEEL BALANCING SERVICE INFORMATION

This bulletin has been amended. The Title, APPLIED VEHICLES, and SERVICE INFORMATION have been amended.
Please discard all previous copies.

APPLIED VEHICLES: All 2011 Infiniti vehicles

SERVICE INFORMATION

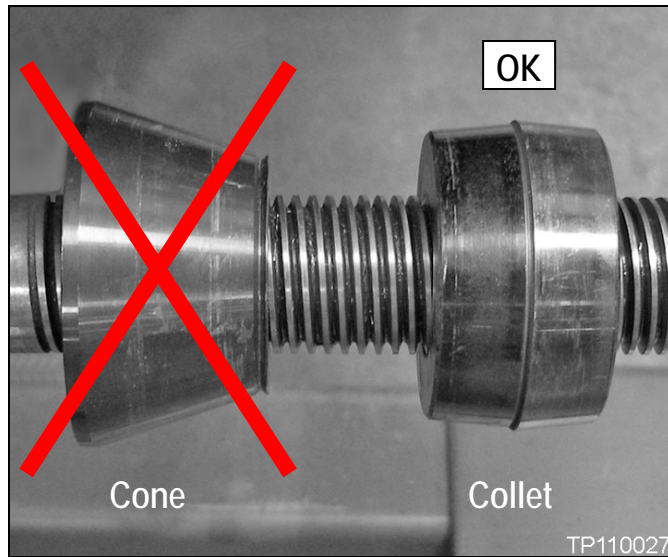
To increase tire/wheel assembly balancing accuracy, proper steps should be followed:

- Choose the correct wheel centering collet.
- Perform proper wheel mounting and centering checks.

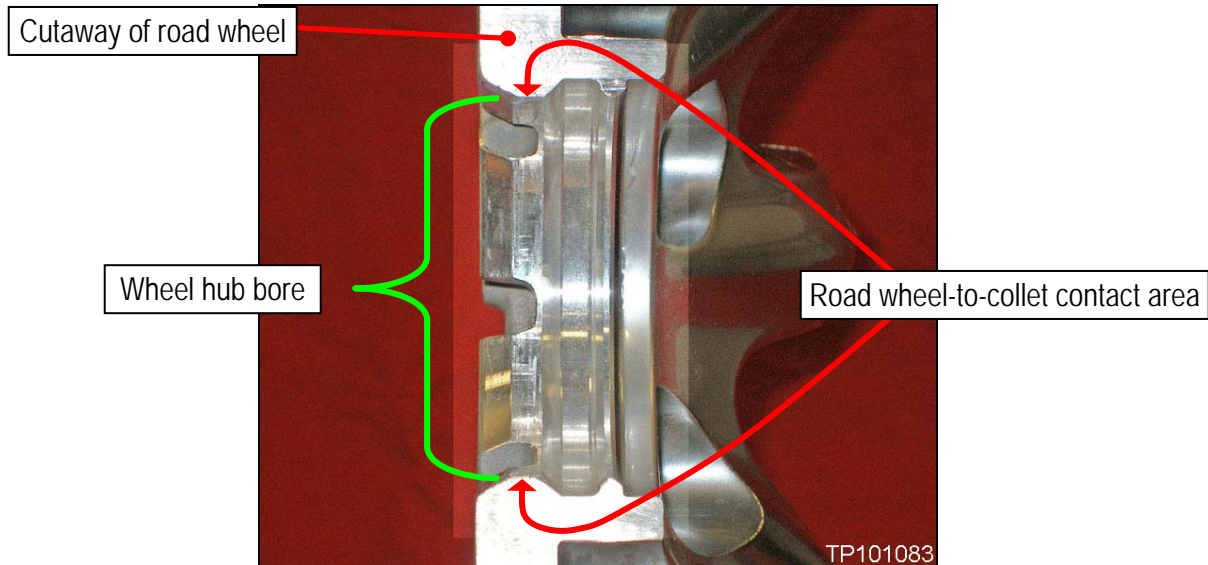
To assist in these areas, refer to the following pages in this bulletin.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti dealer to determine if this applies to your vehicle.

Choose the correct road wheel centering tool (see below).



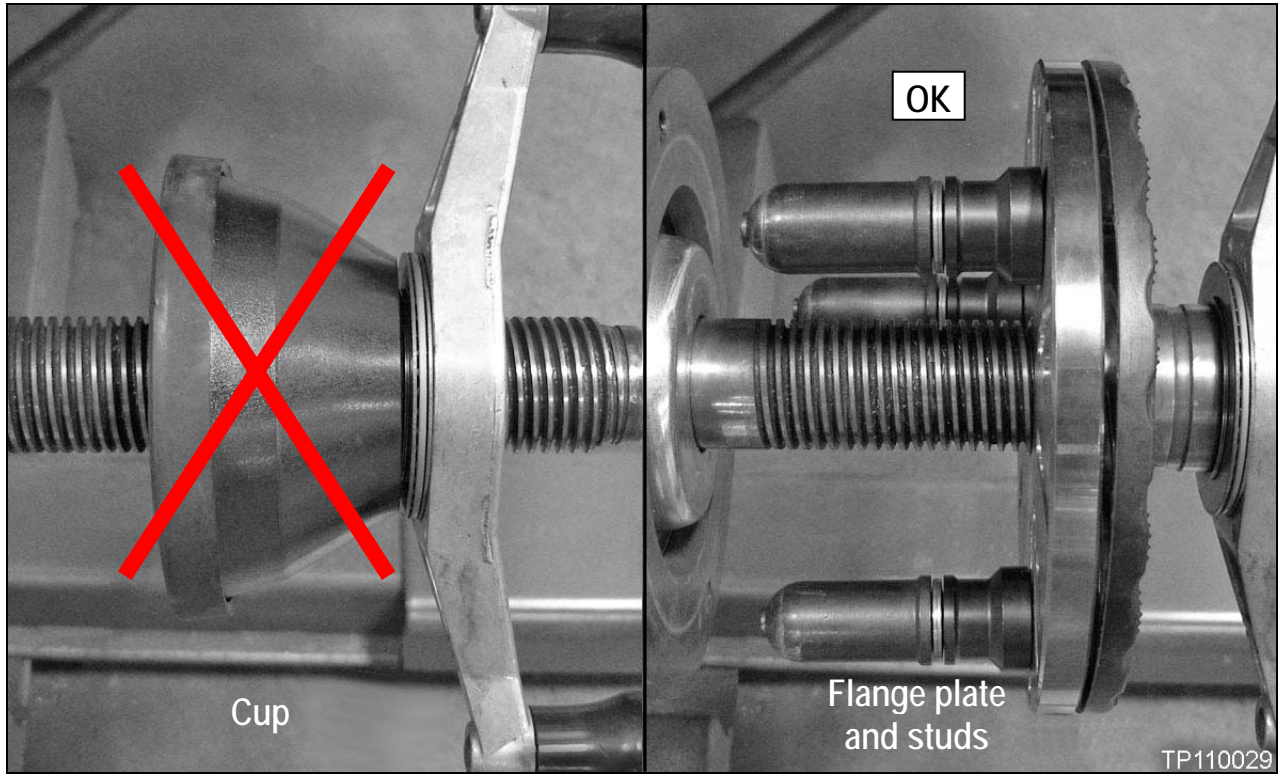
Determine the road wheel-to-collet contact area for proper centering (see below).



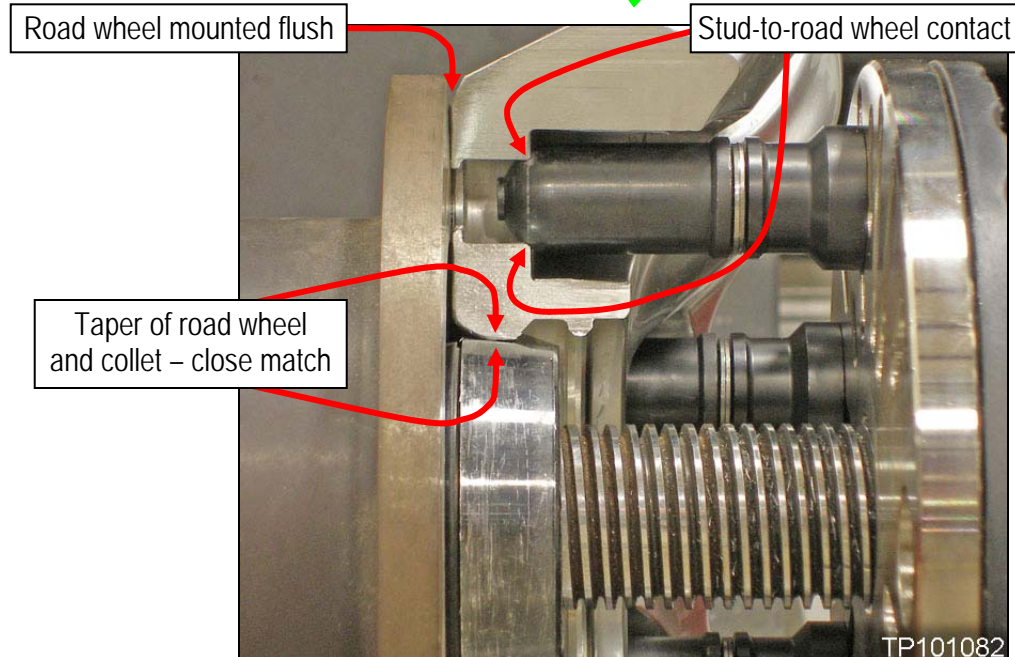
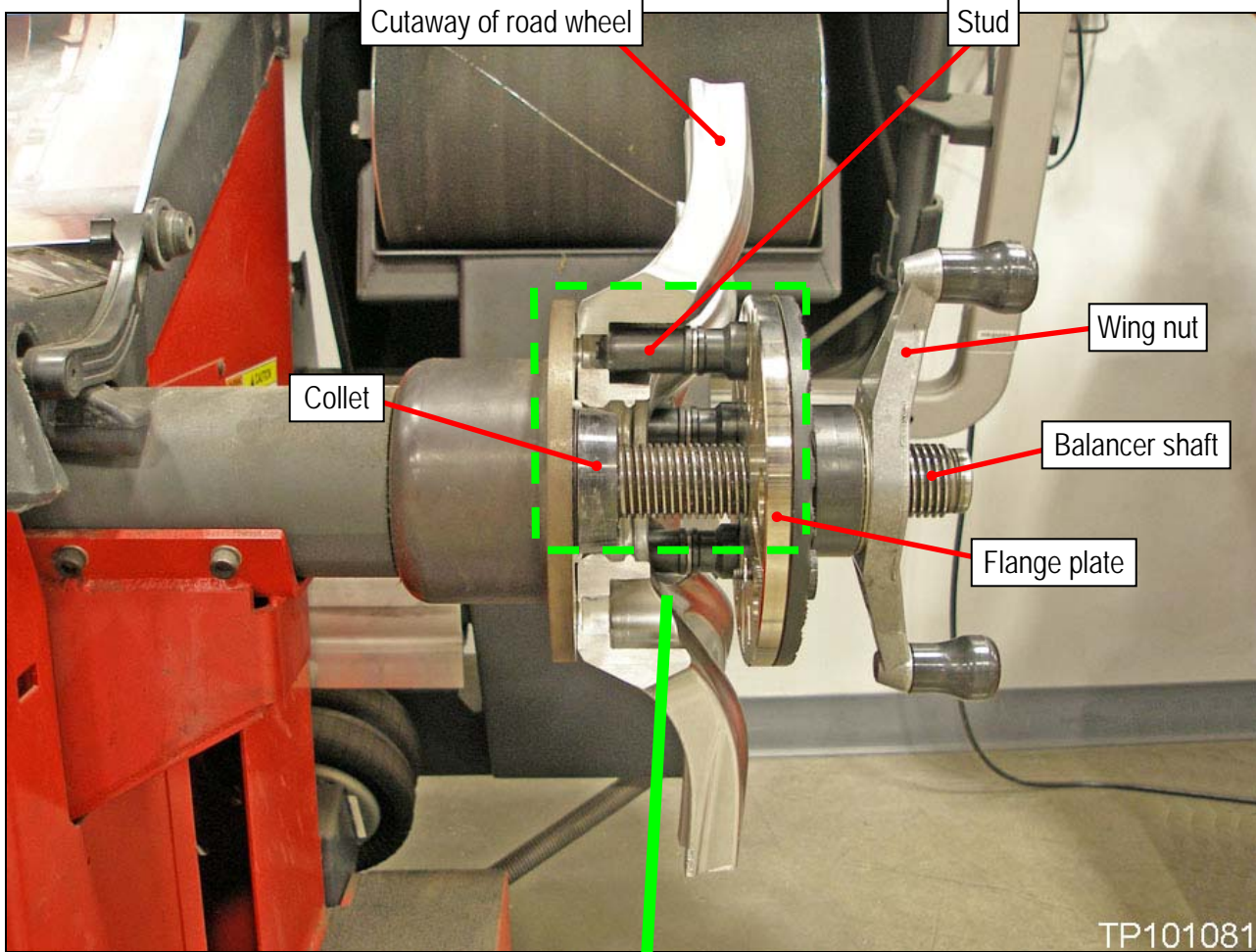
Select the correct collet (see examples below):

MODEL		2011 QX56	ALL OTHER 2011 MODELS
ROAD WHEEL-TO-COLLET CONTACT AREA		3.070 inches (78 mm)	2.598 (66)
COLLET TAPER	Wide End	3.225 (82)	2.775 (70)
	Narrow End	3.000 (76)	2.400 (61)
EXAMPLE COLLETS		Hunter #192-160-2	#192-156-2 or 192-157-2
EXAMPLE FLANGE PLATE AND STUD SET		#20-1839-1	#20-1839-1

Choose the correct securing device (see below).



Properly mount the tire/wheel assembly to the wheel balancer (see below).



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.

