



EZ Shim™ - 75800* SERIES Red

See SHIM APPLICATIONS and INDEXING TEMPLATES Starting On Page 4 INSTALLATION INSTRUCTIONS

1. Use the vehicle application chart to select the correct shim.
2. Before beginning any alignment, always check for loose or worn parts, tire pressure and odd tire wear patterns.
3. Prior to hooking up the alignment equipment, inspect the rear spindle mounting area and check for existing alignment shims. If shims are present they must be removed to establish a base reading.
4. Record rear alignment readings. Note the camber and/or toe **changes** desired.
 - A. Choose desired toe change at the left side of chart. Choose desired camber change at the top of the chart.
 - B. The box where the camber and toe meet contain the upper and lower shim numbers. (Either number can be on top or bottom of shim.)
 - C. If there are no numbers in the box, select a nearby box that offers the best possible adjustment. **Remember, toe is always more critical than camber.**
5. With correct shim in hand, line up the two numbers indicated from the chart, and mark them using a marker. Select the correct template on the reverse side. Place shim with numbers facing up on the template. Align the two numbers from the chart with the arrow on the template. Mark areas to be removed as indicated on the actual template.

NOTE: Some vehicles may require additional areas to be removed for clearance of brake cylinders and lines.

6. Using a special cutter, from **underneath** the shim nip both sides of the marked areas just enough to break the connection. **Always** cut from the inside out.

CAUTION – Wear safety glasses when cutting and removing marked areas.

7. Remove the marked areas while firmly supporting the shim next to the areas being removed. First remove the marked areas corresponding to the bolt holes. Then remove the areas for brake cylinders (lines) if needed.
8. Remove tire and wheel assembly. Remove the spindle or hub from the vehicle, clean all contact surfaces.
9. When installing the shim on the **rear left** side the numbers on the shim **must** face **away** from the installer.
When installing the shim on the **rear right** side the numbers on the shim **must** face **toward** the installer.
10. Reassemble and torque bolts to manufacturer's specifications plus 15%, beginning at the thinnest part of the shim, then in a cross pattern.

Always check for proper clearance between suspension components and other components of the vehicle.

(Some vehicles may require the use of longer bolts to accommodate the shim.)

CAUTION – Vehicles with rear disc brakes may require spacers behind the brake caliper to avoid rotor lock-up.

Recompensate equipment, complete alignment, and road test the vehicle. **NOTE:** Actual readings may vary due to dirt or improper torquing.

NOTE: Re-check the bolt torque every 28,000 miles (50,000 kms).

This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.

Always check for proper clearance between suspension components and other components of the vehicle.

Applications

Make	Model	Drive Type	Years	Shim #	Page
Buick	Century	FWD	1982 - 1996	1	5
Buick	LeSabre	FWD	2000 - 2006	2	6
Buick	Lucerne	FWD	2006 - 2011	2	6
Buick	Park Avenue	FWD	1997 - 2005	2	6
Buick	Reatta	FWD	1989 - 1991	1	5
Buick	Rendezvous	FWD	2002 - 2007	1	5
Buick	Riviera	FWD	1979 - 1999	2	6
Buick	Terraza	FWD	2005 - 2007	1	5
Cadillac	DeVille	FWD	2000 - 2005	2	6
Cadillac	DTS	FWD	2006 - 2011	2	6
Cadillac	Eldorado	FWD	1980 - 1992	1	5
Cadillac	Seville STS/SLS	FWD	1980 - 1992	2	6
Cadillac	Seville	FWD	1986 - 2004	1	5
Chevrolet	Celebrity	FWD	1982 - 1990	1	5
Chevrolet	Lumina APV Van	FWD	1990 - 1996	1	5
Chevrolet	Prizm	FWD	1998 - 2002	3	7
Chevrolet	Uplander	FWD	2005 - 2008	1	5
Chevrolet	Venture	FWD	1997 - 2005	1	5
Geo	Prizm /S	FWD	1989 - 1997	3	7
Honda	City	FWD	2002 - 2008	8	12
Honda	Fit	FWD	2006 - 2008	8	12
Honda	Jazz	FWD	2001 - 2008	8	12
Hyundai	Accent/Verna	FWD	2006 - 2011	6	10
Kia	Rio	FWD	2001 - 2011	6	10
Kia	Rio5	FWD	2006 - 2011	6	10
Nissan	Cube	FWD	2008 - 2014	4	8
Nissan	Note/Tiida	FWD	2006 - 2010	4	8
Nissan	Tiida/Latio	FWD	2004 - 2010	4	8
Nissan	Versa	FWD	2007 - 2011	4	8
Oldsmobile	Aurora	FWD	1995 - 2003	2	6
Oldsmobile	Cutlass Ciera	FWD	1982 - 1996	1	5
Oldsmobile	Silhouette	FWD	1990 - 2004	1	5
Oldsmobile	Toronado	FWD	1978 - 1992	1	5
Pontiac	6000	FWD	1982 - 1991	1	5
Pontiac	Aztek	FWD	2001 - 2006	1	5
Pontiac	Bonneville	FWD	2000 - 2006	2	6
Pontiac	Montana SV6	FWD	1997 - 2007	1	5
Pontiac	Trans Sport	FWD	1990 - 1996	1	5
Saturn	Relay	FWD	2005 - 2008	1	5
Vauxhall-Opel	Sintra	FWD	1996 - 1999	1	5
Volkswagen	Passat w/Beam Type Rear Axle	FWD	1998 - 2005	5	9
Volvo	400	FWD	1988 - 1997	7	11

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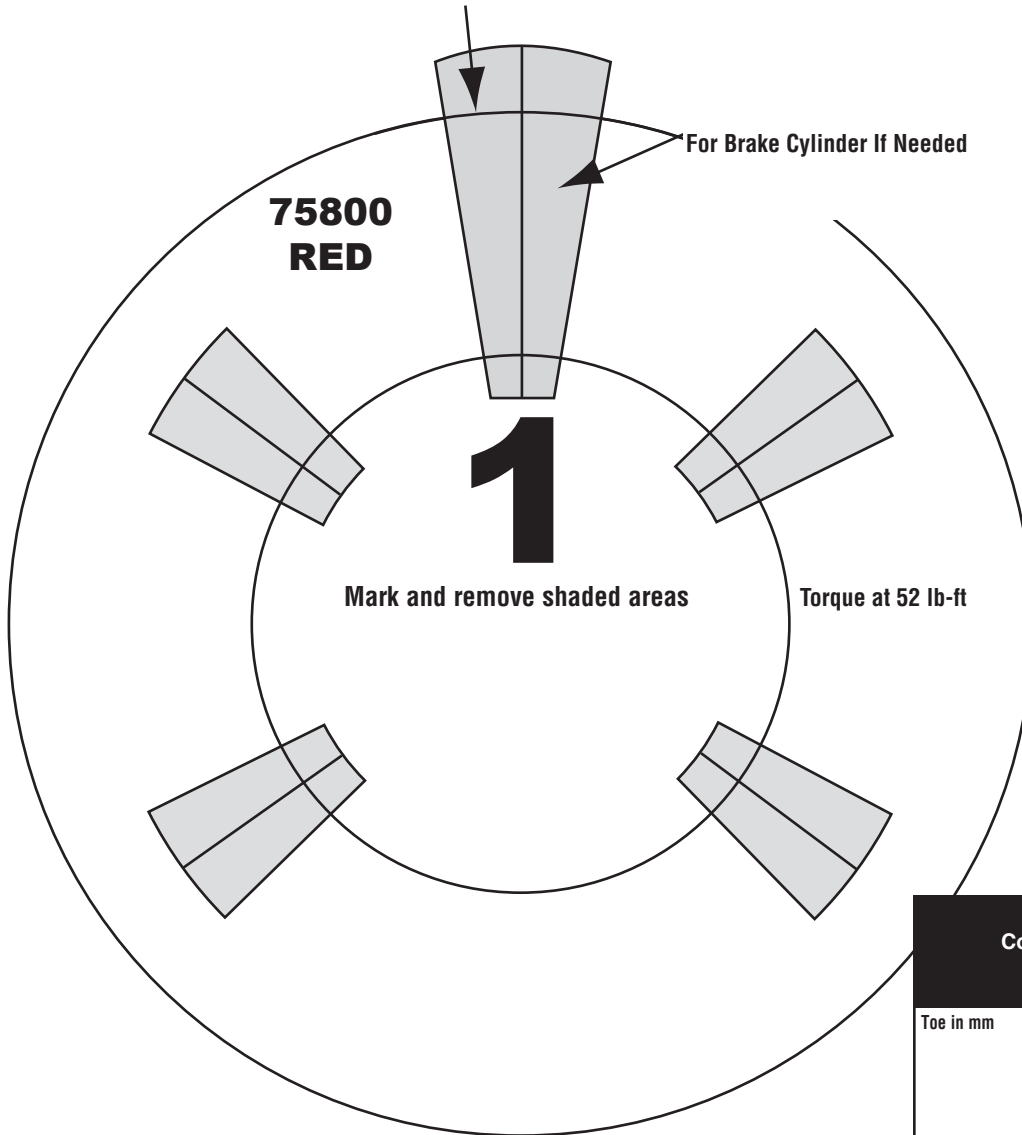




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Align Selected Numbers with Arrow



Conversion chart: Toe in mm to degrees

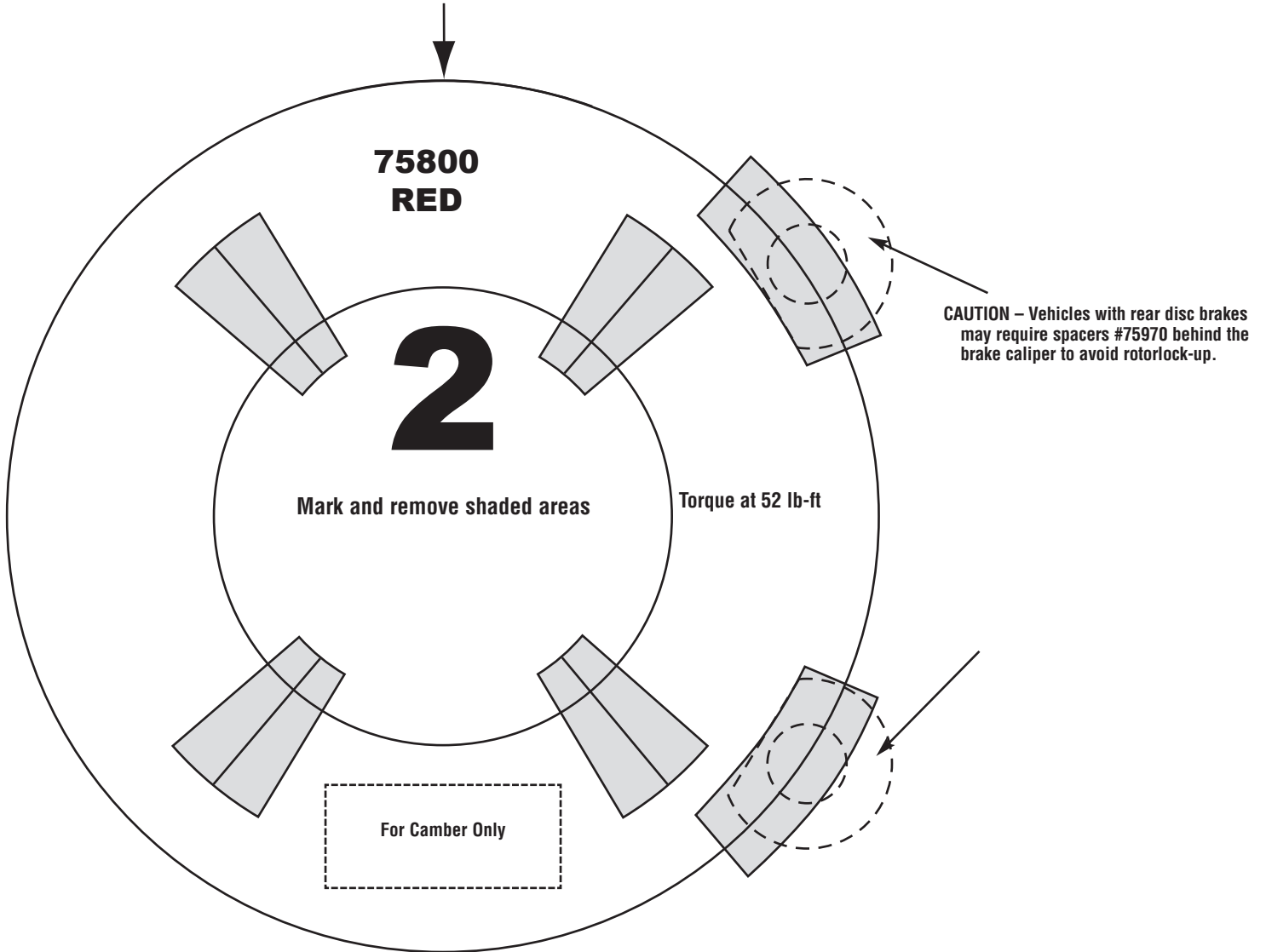
Toe in mm	Wheel Diameter (inches)									
	12"	13"	14"	15"	16"	17"	18"	19"	20"	
0.5	0°05'	0°05'	0°04'	0°04'	0°04'	0°04'	0°03'	0°03'	0°03'	
1.0	0°10'	0°09'	0°09'	0°08'	0°08'	0°07'	0°07'	0°06'	0°06'	
1.5	0°16'	0°14'	0°13'	0°12'	0°12'	0°11'	0°10'	0°09'	0°09'	
2.0	0°21'	0°19'	0°18'	0°17'	0°16'	0°15'	0°14'	0°13'	0°12'	
2.5	0°26'	0°24'	0°22'	0°21'	0°19'	0°18'	0°17'	0°16'	0°16'	
3.0	0°31'	0°28'	0°26'	0°25'	0°23'	0°22'	0°21'	0°20'	0°19'	
3.5	0°37'	0°33'	0°31'	0°29'	0°27'	0°26'	0°24'	0°23'	0°22'	
4.0	0°42'	0°38'	0°35'	0°33'	0°31'	0°29'	0°28'	0°26'	0°25'	
4.5	0°47'	0°42'	0°40'	0°37'	0°35'	0°33'	0°31'	0°29'	0°28'	
5.0	0°52'	0°47'	0°44'	0°41'	0°39'	0°37'	0°34'	0°33'	0°31'	
5.5	0°57'	0°52'	0°48'	0°45'	0°43'	0°40'	0°38'	0°36'	0°34'	
6.0	1°02'	0°57'	0°53'	0°50'	0°47'	0°44'	0°41'	0°39'	0°38'	
6.5	1°14'	1°02'	0°57'	0°53'	0°50'	0°47'	0°44'	0°42'	0°41'	
7.0	1°13'	1°05'	1°01'	0°58'	0°54'	0°51'	0°48'	0°46'	0°44'	

* = Manufacturer bolt torque plus 15%



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Align Selected Numbers with Arrow



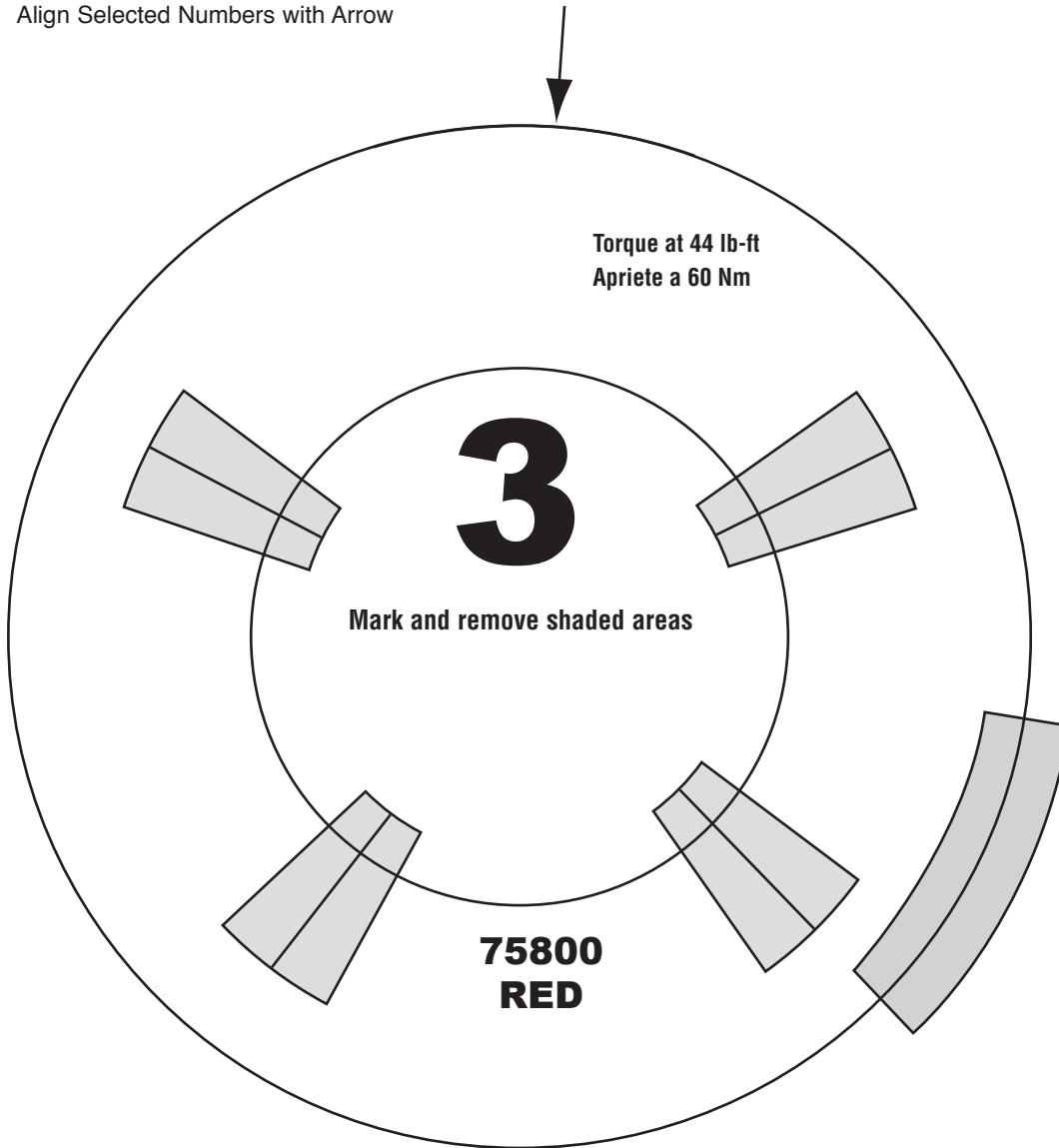
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Align Selected Numbers with Arrow

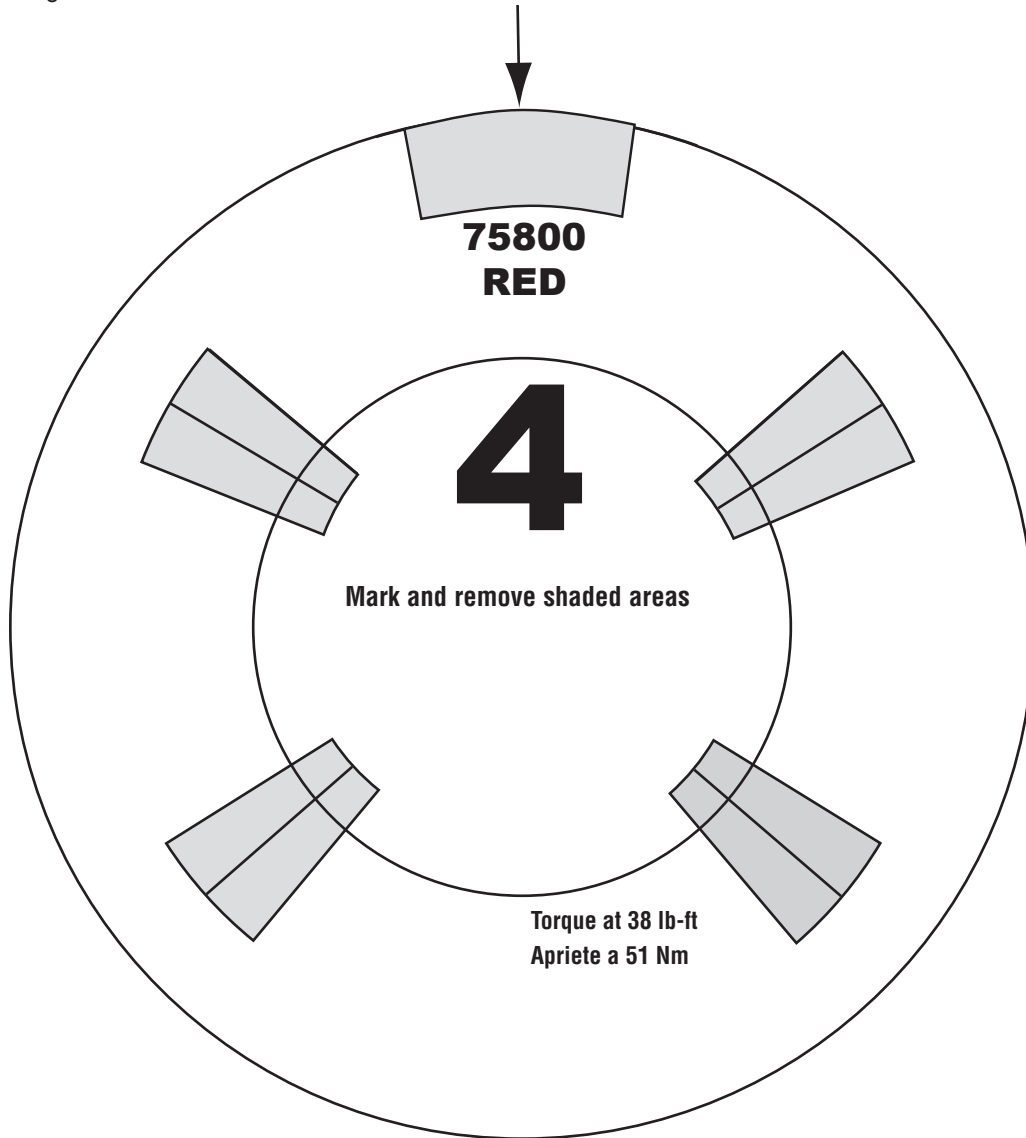


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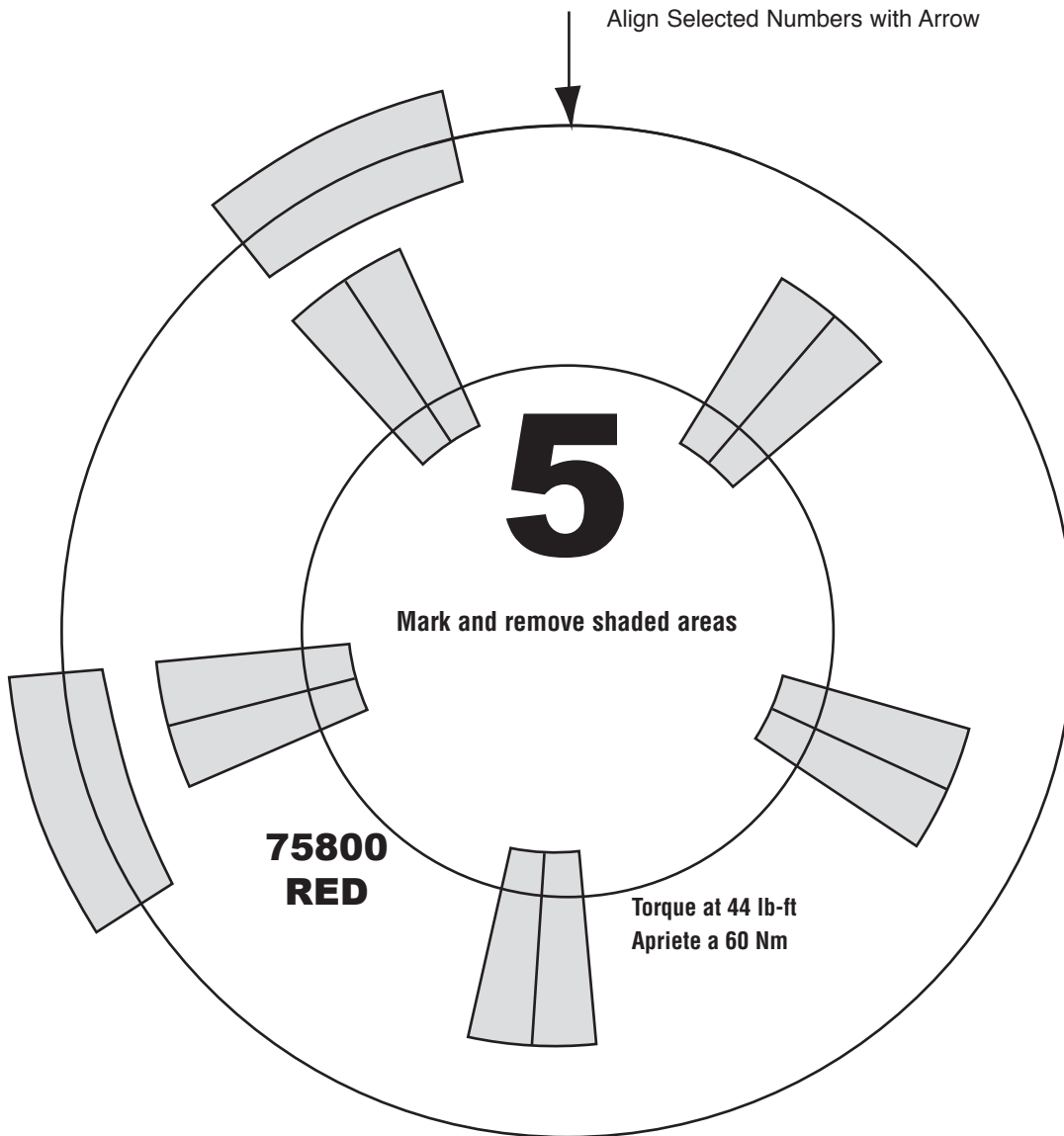
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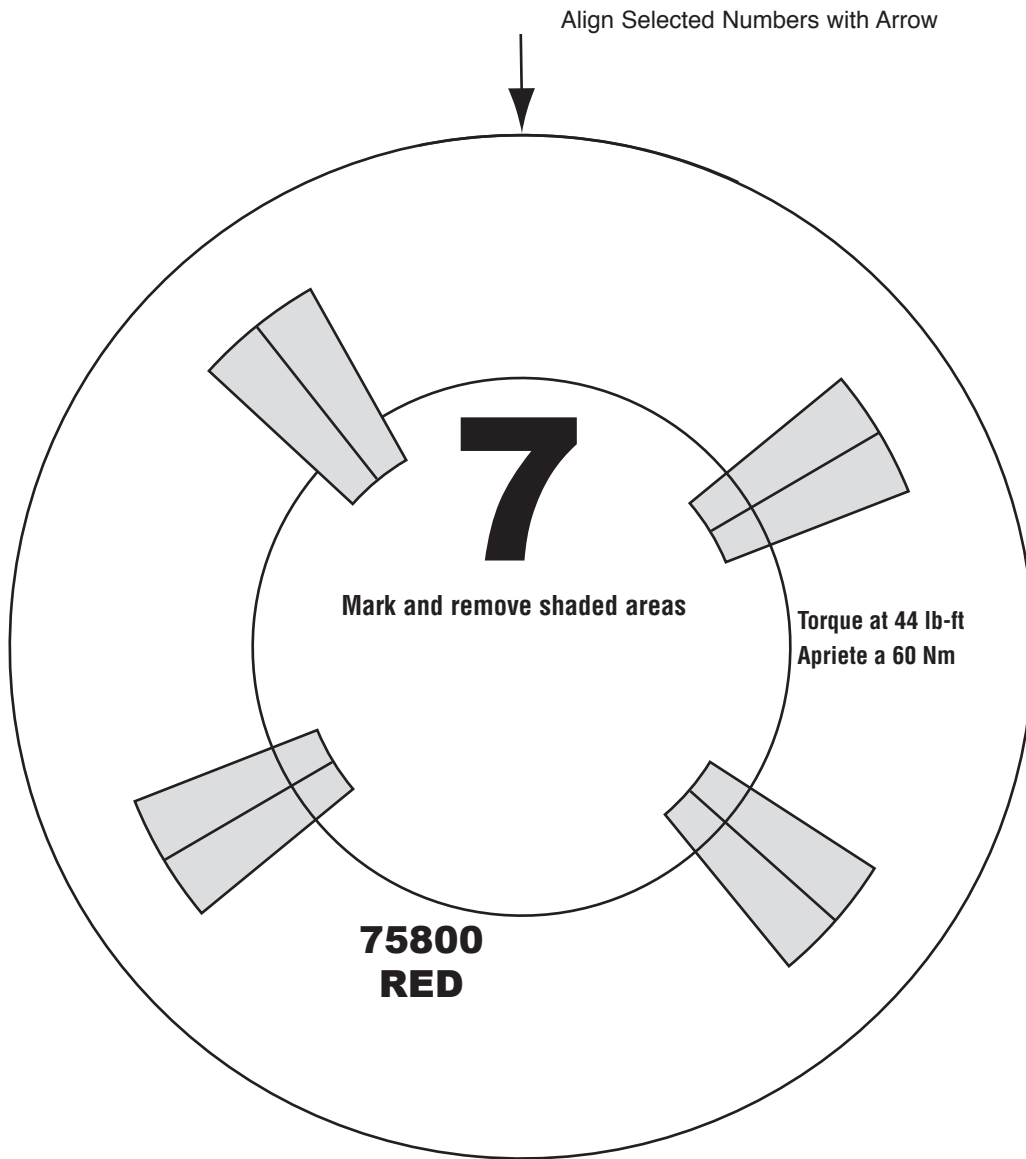
Mark and remove shaded areas

Torque at 40 lb-ft
Apriete a 55 Nm

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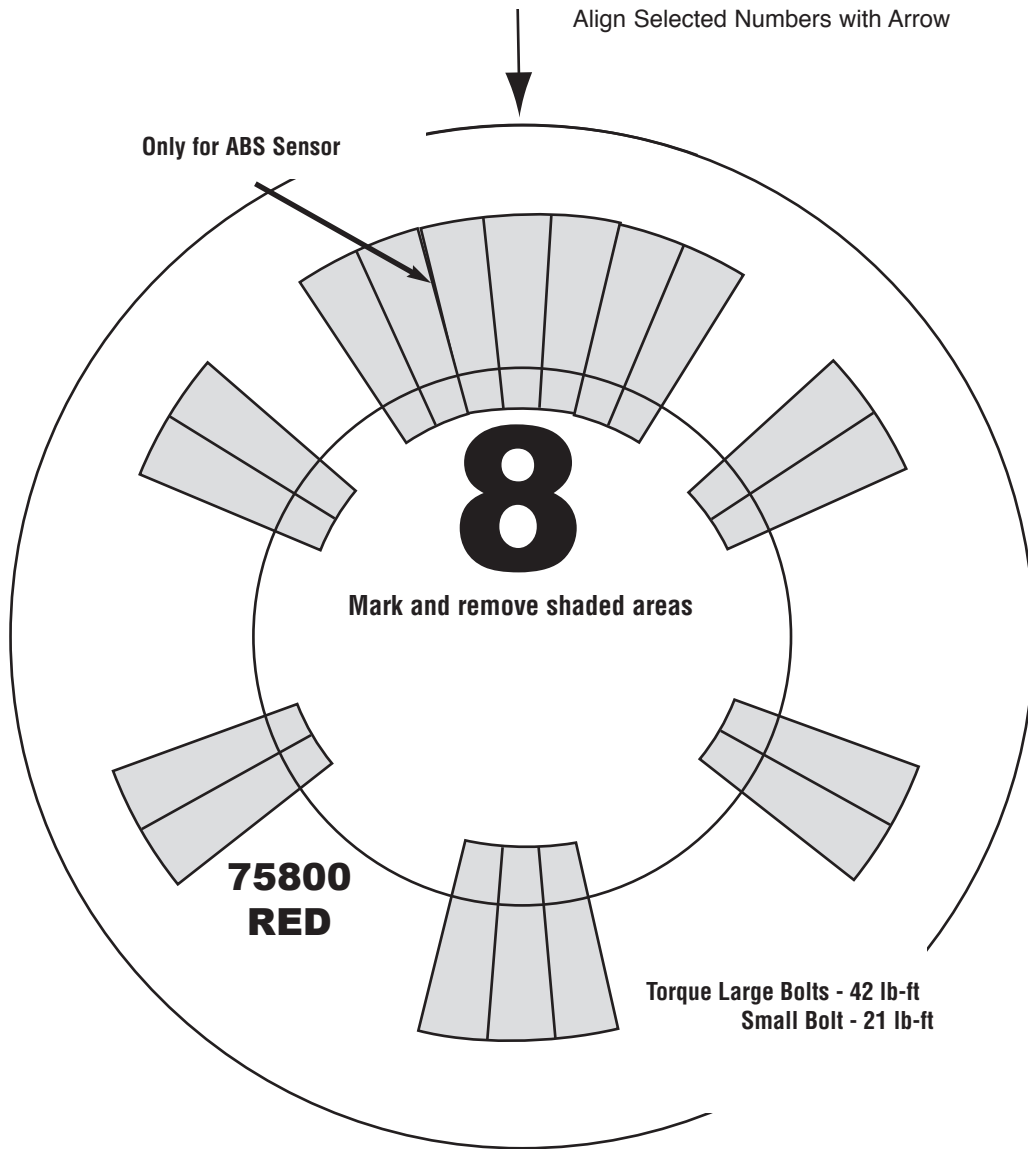


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