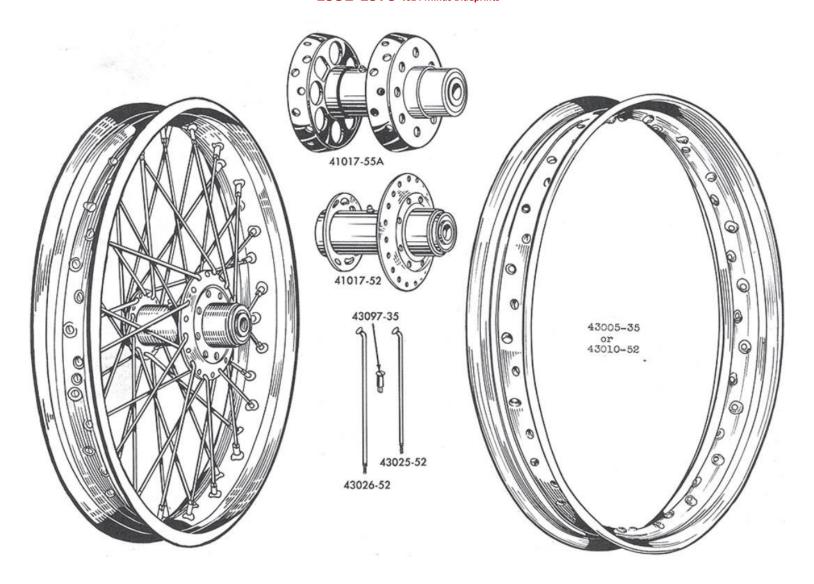
OSKRG Research/Restoration Bulletin #14

K & Sportster Spokes, Nipples & Hubs 1952-1979 vs14 Minus Blueprints



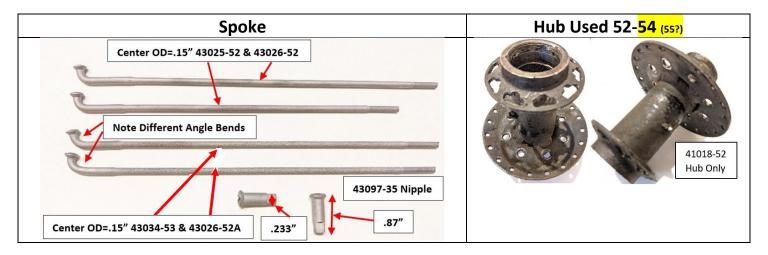
This OSKRG Bulletin as with all OSKRG Bulletins is a work in progress. This work is far from complete. Many images are still needed as well as feedback concerning errors or omissions. This Bulletin will be updated from time to time as additional data is collected or errors need to be corrected. Please either email additional information/images to graino@comcast.net or post them to http://www.harleykmodel.com/.

K Model & Sportster Spokes, Nipples, Hubs & Rims 52-79

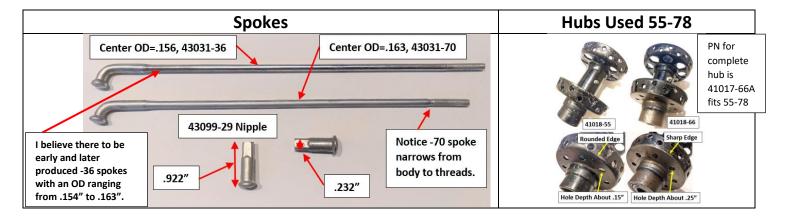
Spoke length measurements can vary depending on how they are taken. It is unclear at this time how HD measured their spokes. I believe HD measured to the Red line; all measurements taken to the Red line will be highlighted in red. HD parts book given lengths have an asterisk after them. All other determined lengths will be highlighted in red, yellow, or blue depending on which line they were measured to. The Buchanan Spoke method is shown at the bottom of this page, the Blue line method. Spoke lengths will vary some due to measurement inconsistency and threaded ends being ground shorter when previously used.



Rear Wheel				
Part Number	Use			
43025-52 Used -35 Nip	Rear Wheel Spoke 7 & ½" (19" Rim) (20)	7 & ½" *	52-55 All K Models	
43026-52 Used -35 Nip	Rear Wheel Spoke 8 & ½" (19" Rim) (20)	8 & ½" *	52-55 All K Models	
43034-53 Used -35 Nip	Rear Wheel Spoke (Short) (18" Rim) (20)	- <mark>8 & 9/16"</mark>	53-54 All K Models	
43026-52A Used -35 Nip	Rear Wheel Spoke (Long) (18" Rim) (20)	- <mark>8 & 7/16"</mark>	53-54 All K Models	
43097-35	Rear Wheel Spoke Nipple (40)		52-55 All Early Hub K Models	

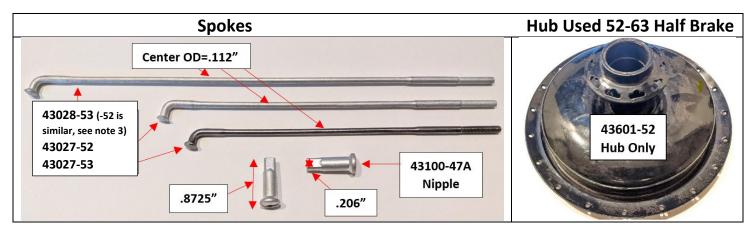


43031-36 Used -29 Nip	Rear Wheel Spoke (40) (Low Road Clearance) 18" Rim	8 & 1/8"- <mark>8 & ½"</mark>	55 & 56 K, 57-69 All 18" Rims, 70-72
			-60 Aluminum Rim
Note: The -36 Spoke	was also used on 1937-195761", 74" & 80" Twins	& 45" 41-63 FL &	FLH Rear for 18" Wheels
43031-70 Used -29 Nip	Rear Wheel Spoke (40) 18" Rim	7 & ¾"-8 & 1/16"	70-72 XLH Chrome Rim & XLCH Chrome &
			Aluminum
43099-29	Rear Wheel Spoke Nipple (40)		55-56 K Model, 57-72 All Sportsters
43031-70A Metric	Rear Wheel Spoke (40) 18" Rim, Nipples are not	7 & ¾"-8 & 1/16"	73-78 XL, XLH & XLCH Note: fits 70 -78
	shown separately with a PN.		
43032-40A Metric	Rear Wheel Spoke (40) 16" Rim, Nipples are not	7" Unconfirmed	79-* XL Note my Parts Books End in 81
	shown separately with a PN.		

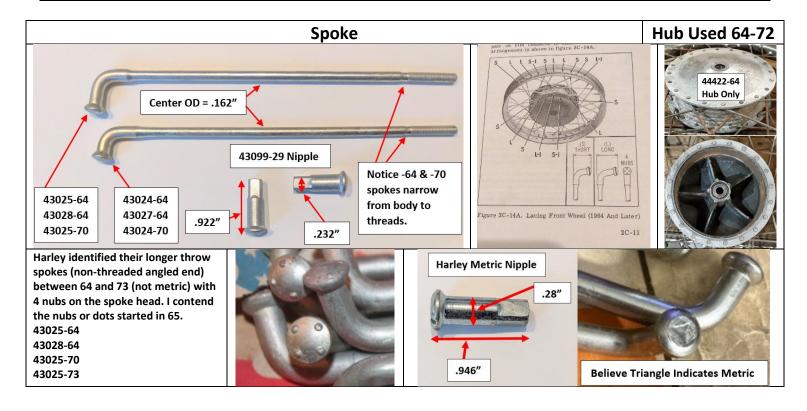


Front Wheel				
43027-52 Used-47A Nip	Front Wheel Spoke 6 & 1/8" (19" Rim) (20)	5 & 7/8"- <mark>6 & 1/8" *</mark>	52-55 All K Models, 58-63 XLC & XLCH	
43028-52 Used-47A Nip	Front Wheel Spoke 8 & ½" (19" Rim) (20)	8 & 1/4"- <mark>8 & ½" *</mark>	52-55 All K Models, 58-63 XLC & XLCH	
43028-53 Used-47A Nip	Front Wheel Spoke (Long) (18" Rim) (20)	8 & 1/4"- <mark>8 & ½"</mark>	54-63 All K Models, XL & XLH	
43027-53 Used-47A Nip	Front Wheel Spoke (Short) (18" Rim) (20)	5 & 3/8"- <mark>5 & 11/16"</mark>	54-63 All K Models, XL & XLH	
43100-47A	Front Wheel Spoke Nipple (40)		52-56 K Models, 57-63 Sportster	
*Note: The 63 & 65 PBs only list the 43028-52 spoke with no mention of the 43028-53. The 67 PB first list Spoke PN 43028-52 for				

*Note: The 63 & 65 PBs only list the 43028-52 spoke with no mention of the 43028-53. The 67 PB first list Spoke PN 43028-52 for use on both the 18" & 19" rims. The 64 Sup. PB list 43028-52s length at 8 & 3/8" & 43027-52s length at 6" as Catalog Corrections.

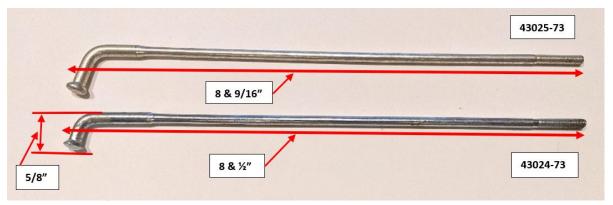


43024-64 Used-29 Nip	Front Wheel Spoke (Short) (19" Rim) (20)	5 & 13/16"- <mark>6 & 3/16"</mark>	64-69 XLCH, 67-69 XLH
43025-64 Used-29 Nip	Front Wheel Spoke (Long) (19" Rim) (20)	5 & 15/16"- <mark>6 & 5/16"</mark>	64-69 XLCH
43027-64 Used-29 Nip	Front Wheel Spoke (Short) (18" Rim) (20)	5 & 1/2"- <mark>5 & 7/8"</mark>	64-72 XLH
43028-64 Used-29 Nip	Front Wheel Spoke (Long) (18" Rim) (20)	5 & 9/16"- <mark>5 & 15/16"</mark>	64-72 XLH
43024-70 Used-29 Nip	Front Wheel Spoke (Short) (19" Rim) (20)	5 & 5/8"- <mark>6"</mark>	70-72 XLH & XLCH
43025-70 Used-29 Nip	Front Wheel Spoke (Long) (19" Rim) (20)	5 & 11/16"- <mark>6 & 1/16"</mark>	70-72 XLH & XLCH
43024-73 Used-29 Nip	Front Wheel Spoke (Short) (19" Rim) (20)	8 & 1/8"- <mark>8 & ½"</mark>	73-76 XL, XLH & XLCH
43025-73 Used-29 Nip	Front Wheel Spoke (Long) (19" Rim) (20)	8 & 1/16"- <mark>8 & 9/16</mark>	73-76 XL, XLH & XLCH
<mark>43099-29</mark>	Spoke Nipple (40)		64-76 XL, XLH & XLCH
43024-73A Metric	Front Wheel Spoke (Short) (19" Rim) (20) Nipples are not	8 & 1/8"- <mark>8 & ½"</mark>	77-* Fits 73-* XL, XLH, XLCH
	shown separately with a PN.		& XLS Note my PBs End in 81
43025-73A Metric	Front Wheel Spoke (Long) (19" Rim) (20) Nipples are not	8 & 1/16"- <mark>8 & 9/16"</mark>	77-* Fits 73-* XL, XLH, XLCH
	shown separately with a PN.		& XLS Note my PBs End in 81

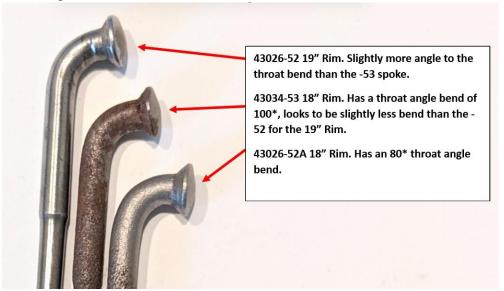


Notes/Cautions

1. The -73 front spokes are shown below. The short front spoke, 43024-73 could be mistaken for the rear 43031-36. They are the same length and both use the -29 nipple. The distinguishing feature is the bend on the non-threaded end measures about ½" on the -36 spoke and about 5/8" on the short -73 spoke.



2. It is my opinion that the early rear 18" -53 & 19" -52 spokes are so close in length and throat angle (bend at end opposite of threaded end) as to be almost indistinguishable. It appears the -52 for the 19" rim has a slightly greater throat angle bend than the -53 spoke for the 18" rim. I believe they are close enough that in a bind one could be used for the other. The 18" -52A spoke is very close in length to the -52 & -53 spokes, it is slightly shorter. It could be easily mistaken for them; you can tell it apart by its throat bend being about a 80* bend.



3. The front half break long spokes for both the 18" and the 19" rims are about 8 & ½" in length. Later PBs list Spoke PN 43028-52 for use on both the 18" & 19" rims. They list its length at 8 & 3/8" when used as a common spoke for both rim sizes. The only difference I see in the two spokes is the angle of the throat bend. The -52 spoke bend appears to be close to 90* where the -53 spoke bend angle is slightly greater than 90*.



- 4. The 3 nipples used between 52 and 73 for the K Models and Sportsters can be mixed up with each other. The nipples in order of inside thread ID size largest to smallest is the -29, -35 & -47A. Following are my observations:
 - a. Spokes designed for use of the -29 nipple will not accept the -35 or the -47A nipples, they are to small.
 - b. Spokes designed for use of the -35 nipple will accept the -29 nipple, it will thread on but will be a little loose. The -47A nipple will appear to work at first, it will start to thread but then bind up and stop.
 - c. Spokes designed for use of the -47A nipple will accept the -35 nipple but it will be loose. The -29 nipple will be so large it will slide on and off.

- 5. The families of W & G models appear to have used the 43027-30 & 43028-30 spokes for their 18" front wheels. Both the long and short -30 spokes are very close in length and appearance to the K & Sportster ½ brake spokes used 52-63 on the 18" & 19" rims. The -30 spokes used a 43098-16 nipple. The -47A nipple the K & Sportster spokes used will not fit the early -30 spokes. The 43097-35 nipple will appear to fit but is incorrect.
- 6. Harley Aermacchi spokes appear to have been marked with the letter "A" at some point. When this practice started or if it continues to this day is unknown to me at this time.

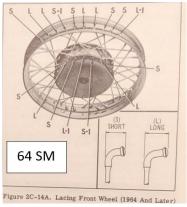


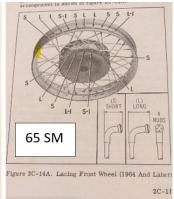
7. Buchanan spokes appear to marked with a "B" on the end. When this practice started or if it continues to this day is unknown to me at this time.



8. The following picture shows two 43025-64 long spokes. Both have been chromed. At this time I believe the long 19" & 18"-64 spoke head may or may not have 4 dots on it, only one of those shown in the picture has the dots. These two spokes pysically are the same length & throat and both take the -29 nipple. There are no other spokes that I am aware of with a length close to these that takes the -29 nipple. Until some evidence proves me wrong I am contending that the 4 nubs or dots on the long spokes started in 65. As can be seen below, the 64 Service Manual shows the 64 hub and spokes but no reference to the 4 nubs or dots. The 65 SM makes a point of showing the nubs.







Racing Spokes & Nipples (Not All Inclusive)

Spoke length measurements can vary depending on how they are taken. All measurements taken to the Red line will be highlighted in red. HD parts book given lengths have an asterisk after them. All other determined lengths will be highlighted in red, yellow, or blue depending on which line they were measured to. The Buchanan Spoke method is to the Blue line. Spoke lengths will vary some due to measurement inconsistency and threaded ends being ground shorter when previously used.



Front Wheel, -47A Nipple			
Part Number	Description	Length	Use
43027-54R Used 47A Nip	Front Wheel Spoke (Long) 19" Conical 115* .112" Center Dia.	7 & 31/32"	Models with Large Front Brake Hub. Used on KRTT & XLRTT 52-* (Includes 68)
43025-54R Used 47A Nip	Front Wheel Spoke (Short) 19" Conical	5 & ½"	Models with Large Front Brake Hub. Used on KRTT & XLRTT 52-* (Includes 68)
43026-54R Used 47A Nip	Front Wheel Spoke (Long) 18" Conical 112* .112" Center Dia.	7 & 5/16" 9/10 Gauge	Models with Large Front Brake Hub. Used on KRTT & XLRTT 52-* (Includes 68)
43024-54R Used 47A Nip	Front Wheel Spoke (Short) 18" Conical	5"- 5 & ¾" 9/10 Gauge	Models with Large Front Brake Hub. Used on KRTT & XLRTT 52-* (Includes 68)
43027-52 Used 47A Nip	19", Front, 6", 20 Spokes		52-* KRTT & XLRTT
43028-52 Used 47A Nip	19", Front, 8 & 3/8", 20 Spokes		52-* KRTT & XLRTT
43027-53 Used 47A Nip	18", Front, Short, 20 Spokes		52-* KRTT & XLRTT
*Note: The 63 & 65 PBs only list the 43028-52 spoke with no mention of the 43028-53. The 67 PB first list Spoke PN 43028-52 for use on both the 18" & 19" rims. The 64 Sup. PB list 43028-52s length at 8 & 3/8" & 43027-52s length at 6" as Catalog Corrections.			
43100-47A	Front Wheel Spoke Nipple		

KR Spool Flat Track Wheels, -35R Nipple				
43021-48R Used 35R Nip	Inner Spoke, 80* Bend 19" 20 Spokes 4 Dots-Long Throat	8 & 3/4"-9 & 1/16" .175 Swaged Portion .151 Center	KR Spool Flat Track Wheels, 52-* (Includes 68)	
43023-48R Used 35R Nip	Outer Spoke, 100* Bend 19" 20 Spokes	8 & 3/4"-9 & 1/16" .175 Swaged Portion .151 Center	KR Spool Flat Track Wheels, 52-* (Includes 68)	
43034-53R Used 35R Nip	Inner Spoke, 80* Bend 18" 20 Spokes 4 Dots-Long Throat	8 & 5/16"-8 & 9/16" .175 Swaged Portion .151 Center	KR Spool Flat Track Wheels, 52-* (Includes 68)	
43026-48R Used 35R Nip	Outer Spoke, 100* Bend 18" 20 Spokes	8 & 5/16"-8 & 19/32" .175 Swaged Portion .151 Center	KR Spool Flat Track Wheels, 52-* (Includes 68)	
43097-35R	The 43097-35R is the same nipple as the 43097- 35. HD added the R to the suffix when they discontinued the -35 nipple for street models		KR Models	

Rear Wheel -29 Nipple			
		8 & %"-9 & 1/16" 6/8 Gauge .201 Swaged Portion .161 Center	52-* (includes 68) KRTT, XLRTT. Have been told they also were used on WRTT rears and all EL/FL Starhubs for racing.
43031-36 Used-29 Nip	Rear, 40 Spokes		52-* KRTT & XLRTT
43099-29	Nipple Nipple		

LARGE REAR BRAKES

41400-54R	BRAKE DRUM AND SIDE PLATE ASSEMBLY - 51 T	52 to * - KRTT, XLRTT
41401-54R	BRAKE DRUM AND SPROCKET ASSEMBLY - 51 T	52 to * - KRTT, XLRTT
41401-55R	BRAKE DRUM AND SPROCKET ASSEMBLY - 49 T	52 to * - KRTT, XLRTT
41402-55R	BRAKE DRUM AND SPROCKET ASSEMBLY - 50 T	52 to * - KRTT, XLRTT
41408-54R	BRAKE DRUM, only	52 to " - KRTT, XLRTT
41652-54RA	SIDE PLATE COMPLETE, with shoes	52 to * - KRTT, XLRTT
41662-54R	SIDE PLATE, with bushing	52 to * - KRTT, XLRTT
41835-30R	SPRING, brake shoe return (2)	52 to * - KRTT, XLRTT
41848-61R	BRAKE LINING AND RIVET SET	52 to * - KRTT, XLRTT
41876-54R	PIVOT STUD	52 to * - KRTT, XLRTT
42410-66R	FOOT LEVER, brake (used with fairing)	52 to * - KRTT, XLRTT
44265-54R	CAM, brake shoe	52 to * - KRTT, XLRTT
44401-61R	SET OF BRAKE SHOES WITH LINING	52 to * - KRTT, XLRTT
41699-54R	BUSHING, rear brake side plate	52 to * - KRTT, XLRTT
6677HB	WASHER, brake operating cam	52 to * - KRTT, XLRTT
9008	BALL BEARING, rear (2)	52 to * - KRTT, XLRTT
9010	BALL BEARING, brake side	52 to * - KRTT, XLRTT

LARGE FRONT BRAKES

6677HB	WASHER, brake operating cam	52 to * - KRTT, XLRT
9008	BALL BEARING, brake side	52 to * - KRTT, XLRTT
9009	BALL BEARING, outer	52 to * - KRTT, XLRTT
16804-30	ANCHOR BOLT, brake side plate	52 to * - KR, KRTT, XLRTT
41835-30R	SPRING, brake shoe return (2)	52 to * - KRTT, XLRTT
43600-54R	HUB AND BRAKE SHELL, complete (large brake)	52 to * - KRTT, XLRTT
44145-54RA	SIDE PLATE, complete with shoes	52 to * - KRTT, XLRTT
44148-54R	SIDE PLATE, only	52 to * - KRTT, XLRTT
44156-54R	PIVOT STUD	52 to * - KRTT, XLRTT
44265-54R	CAM, brake shoe	52 to * - KRTT, XLRTT
41848-61R	BRAKE LINING AND RIVET SET	52 to * - KRTT, XLRTT
44401-61R	SET OF BRAKE SHOES WITH LININGS	52 to * - KRTT, XLRTT
44457-54R	RETAINING CUP, brake shoe (inner)	52 to * - KRTT, XLRTT

WHEEL RIMS, SPOKES AND NIPPLES

43002-64R	RIM, front wheel, 19" (steel)	52 to * - KRTT, XLRTT
43003-30	RIM, front wheel, 18" steel	52 to * - KRTT, XLRTT
43005-35	RIM, 18" steel (rear - KRTT, XLRTT also front and rear - KR)	52 to * - KR, KRTT, XLRTT
43008-60	RIM, 18" (aluminum)	52 to * - KR
43009-61R	RIM, 19" (aluminum)	52 to * - KR
43010-52R	RIM, rear, 19" (steel)	52 to * - KRTT, XLRTT
43010-61R	RIM, rear, 19" (aluminum)	52 to * - KRTT, XLRTT
43011-49R	RIM, 19" (steel) (Replaced by 43009-61R)	
43021-48R	SPOKE, innet, for 19" rim (20)	52 to * - KR
43023-48R	SPOKE, outer, for 19" rim (20)	52 to * - KR
43026-48R	SPOKE, outer, for 18" rim (20)	52 to * - KR
43034-53R	SPOKE, inner, for 18" rim (20)	52 to * - KR
43024-54R	SPOKE, short, for 18" rim with large front brake (20)	52 to * - KRTT, XLRTT
43026-54R	SPOKE, long, for 18" rim with large front brake (20)	52 to * - KRTT, XLRTT
43025-54R	SPOKE, short, for 19" rim with large front brake (20)	52 to * - KRTT, XLRTT
43027-54R	SPOKE, long, for 19" rim with large front brake (20)	52 to * - KRTT
43027-52	SPOKE, 19" front rim, 6" (20)	52 to * - KRTT, XLRTT
43028-52	SPOKE, 19" front rim, 8-3/8 (20)	52 to * - KRTT, XLRTT
43027-53	SPOKE, 18" front rim, short (20)	52 to * - KRTT, XLRTT
43031-36	SPOKE, rear wheel (40)	52 to * - KRTT, XLRTT
43026-49R	SPOKE, for 19" rim (40)	52 to * - KRTT, XLRTT
43097-35R	SPOKE NIPPLE (40)	52 to * - KR
43099-29	SPOKE NIPPLE (40)	52 to * - KRTT, XLRTT
43100-47A	SPOKE NIPPLE, front (40)	52 to * - KRTT, XLRTT

Harley Spokes **Not Used** on K & Sportster Models 52-72

Other Models & Spokes Utilizing the 43099-29 (3947-29) "Heavy Spoke Nipple"

43032-40 Used -29 Nip	Rear Wheel (16" Rim) (40)	6 & ¾"?	1940-1973—61", 74" & 80" Twins & 40-52—W
			Models, 40-51 Servi-cars, Front & Rear. 71-* FX

Other Models & Spokes Utilizing the 43097-35 (3947-35) "Spoke Nipple---Heavy"

43097-35 "Spoke	26-39 PB	.04xx 1935 & 193645" twin	.04xx 1935 & 193645" twinsrear wheelejuts		
NippleHeavy"	41-54 PB	16" front wheel, 1941 to 1952—45" solo			
	49-57 PB	16" front wheel, 40W & G models, 41-52W models, 41-5245" Solo			
43034-40 Used -35 Nip	Front Whe	Front Wheel (16" Rim) (20)		1940W & G Models, 1941-1952—W Models,	
43035-40 Used -35 Nip	Front Wheel (16" Rim) (20)		6-7/8" *	1941-195245" Solo	

Other Models & Spokes Utilizing the 43100-47A Nipple

43021-47 Used -47A Nip	Spoke, Brake Side (36)	48-55 – S & ST
43021-55 Used -47A Nip	Spoke (Short) (36)	56-59 – ST, 55 -59 - Hummer, 60 - Super 10
43023-47 Used -47A Nip	Spoke, Flange Side (36)	48-55 – S & ST
43023-55 Used -47A Nip	Spoke (Long) (36)	56-59 – ST, 55 -59 - Hummer, 60 - Super 10
43100-47A	Spoke Nipple (72)	48-60

Harley Nipples & Spokes Not Used on K & Sportster Models 52-72

Models & Spokes Utilizing the 43098-16 (3947-16) "Spoke Nipple, Light"

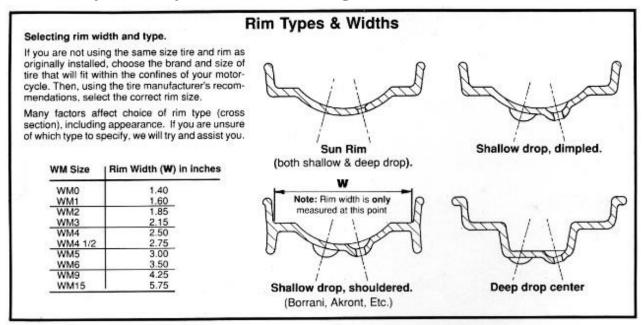
			•	, , , , ,							
43098-16 "Spoke	26-39 PB	.02x. 1917 to 1929, 1930 to 1	.934 singles &	45" twins, 1935 to 1939 – 45" frontsmeuk							
Nipple, Light"	41-54 PB	41-54 PB									
	49-57 PB	18" front wheel,30 to 52W	models, 32 to	40G model							
3943-30 Used -29 Nip?	Front Spok	(e	.148" x 8-3/8"	.04 x. 1930 to 1934 C singles, 1930 to 193945"							
				twins & Servi-Cars							
43027-30 Used -16 Nip	Front Whe	el (18" Rim) (20)	5-15/16" *	1930-1952—45" Twins							
43028-30 Used -16 Nip	Front Whe	el (18" Rim) (20)	8-3/8" *								
3943-30N Early Part #											
Note: The Harley Aer	macchi (Itali	an) nipples and spokes are not	t included in th	nis spoke and nipple Bulletin.							

Harley K & Sportster Nipples & Spokes <u>Used</u> on Other Harley Models

43024-70 Used -29 Nip	Front Spoke 19" Rim (Short) (20)	71-72 FX
43025-70 Used -29 Nip	Front Wheel 19" Rim (Long) (20)	71-72 FX
43031-36 Used -29 Nip	Spoke, 18" Wheel (80)	41-63 FL, FLH, 37-54—61", 74", 80" Twins & 45" Rear
43024-73A Metric	Spoke & Nipple, 19" Rim-Short (Metric) (20)	73-* FX, FXEF, FXEF-80
43025-73A Metric	Spoke & Nipple, 19" Rim-Long (Metric) (20)	73-* FX, FXEF, FXEF-80
43032-40A Metric	Spoke & Nipple, 16" Rim—Metric (40)	71-* FX, FXEF, FXEF-80

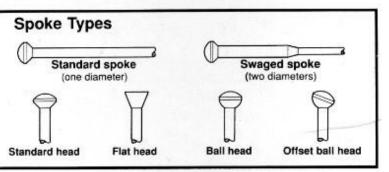
Note: I suspect the big twin 71-80 PB may be in error. It does not list the 43024-73 and 43025-73 short and long front spokes as being used on the family of FX models. It list the 43024-73A and the 43025-73A short and long front spokes from 73 on. The 71-80 PB does list the 53099-29 nipple for use on the FX from 71-76, it is not a metric nipple. It would fit the -70 and -73 front spokes.

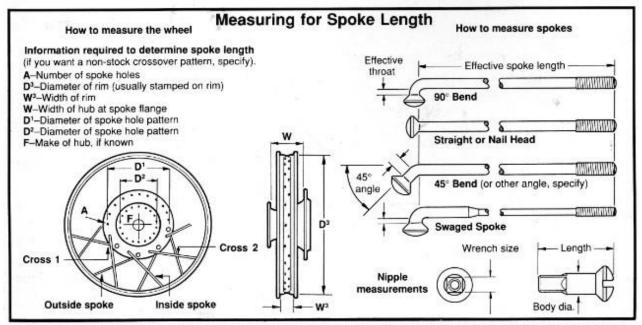
Buchanan Spoke, Spoke Measuring Method & Other Information



Spoke types.

There are basically two types of spoke, standard (single diameter) or swaged (two or more diameters). Any spoke with more than a 20 degree bend at the head has to be made of larger diameter stock to maintain strength. On the larger diameters, we recommend swaged spokes in order to save weight while maintaining the strength required at the bend. Swaged spokes may also be needed to suit certain nipple sizes. Feel free to contact us if you need help in specifying spokes.





For Spoke Wrenches, Wheel Weights, Fork and Wheel Straightening, see inside back cover.

XL Forum Thread on Spokes

http://xlforum.net/forums/showthread.php?t=1895602

Parts Books for Other Than Ks & Sportsters

26-39 PB

3943-25	Spoke, .148"x9%"
1 145	WHEEL RIMS & SPOKES—(Continued)
3943-27 3943-30	Spoke, .148"x8\f"04x. For 18" rim (25"x3.85" tire)aspyl Front spoke, .148"x8\f"04x. 1930 to 1934 C singles, 1930 to 1939—45" twins
3045-30 3944-25 3044-27 3044-28 3044-28 3044-29 3044-29 3044-29 3043-30 3943-35 3943-36	Heavy spoke, inside .205"x8\frac{1}{2}"
3944-20 3944-30 3944-30A 3944-30B	LE sidecar ejupe
3944-30C	Spoke, outside, 205"x8 % (for 18" rim)
3945-28 3945-28A 3945-28B 3947-16	wheels eaggi Front brake shell spoke, 8½" .04x.1028 & 1929—61" & 74" twins .asrem Front brake shell spoke, 8½" .04x.1928 to 1934—21" singles .asrgo Front brake shell spoke, 7½" .04x.For 18" rim (25% 25.85" tires) .asrir Spoke nipple, light .02x.1917 to 1929 1930 to 1937 to 19
3947-28 3947-29	Heavy spoke nipple
3:147-35	Spoke nipple—heavy
WH 3902-30 3903-30 3951-35 3951-36	EELS & HUBS—LATE 74" & 80", 1935 & LATER 45" REAR, 61" O.H.V. Spare wheel cpt., less tire (19"). 16.501930 to 1936—74" & 80" twins
	41-54 PB
	WHEEL RIMS AND SPOKES
43002-30	Rim, 18"
43004-35	only)
	1937 to 195461", 74" & 80" twins The above rim can also be supplied in chrome under the number listed below: 43005-35 Rim, 18" drop center-chrome
43006-40	Rim, 16"
43008-40	43007-40 Rim, 16" drop center-chrome
42000 20	The above rim can also be supplied in chrome under the number listed below: 43009-40 Rim, 16" - Chrome (when available)
43029-30	Complete set of spokes and nipples for 18" front wheel 5.501930 to 195245" twins
	20 43027-30 Spokes-5-15/16"
43030-36	Complete set of spokes and nipples (for 18" wheel) 8.101937 to 195461", 74" & 80" twins & 45" rear
	Consists of: 40 43031-36 Spokes\$.15 40 43099-29 Nipples
43033-40	Complete set of spokes and nipples (for 16" wheel) 8.101940 to 195461", 74" & 80" twins & 45" rear
	Consists of: 40 43032-40 Spokes
43036-40	Complete set of spokes and nipples for 16" front wheel 6.001941 to 195245" solo
	Consists of: 20 43034-40 Spokes-4-11/16"

	WHEEL RIMS AND SPOKES	
43004-35 \$ 9.6	*	35 to 52—W rear, 35 to 50—G rear, 41 to 57—G front, 37 to 57—61", 74" & 80" front & rear
	l in chrome under number listed below: Rim (18") drop center (chrome)	
43006-40 9.6	Rim (16")	40 to 52—W rear, 40 to 50—G rear, 41 to 57—G front, 40 to 57—61", 74" & 80" front & rear
	l in chrome under number listed below: Rim (16") drop center (chrome)	
43008-40 9.6	Front rim (16")	40-W & G models, 41 to 52- W models
Above rim supplie	in chrome under number listed below:	** modets
43009-40 14.2		
43003-30 14.2	Front rim (18") (chrome)	30 to 52-W Models, 32 to 40- G models
43029-30 9.0	Complete set of spokes & nipples (for 18" front wheel)	30 to 52—W models, 32 to 40— G model-
Consists of:	7210 (CO. 10 172 WAY) 500 CO. 10 10 10 10 10 10 10 10 10 10 10 10 10	
20 43027-30 .1		Nipples
20 43028-30 .1	77 14 14 1	
43030-36 9.0 Consists of:	Complete set of spokes & nipples (for 18" wheel)	37 to 57—61", 74" & 80" twins & 45" rear
40 43031-36 .2	Spokes 40 43099-29 .08	Misselse
43033-40 11.0	10 1000 20 .00	Nipples 40 to 52—W models, rear, 40 to 51— Servi-cars, front & rear, 40 to 57— 61", 74" & 80" twins
Consists of:		
40 43032-40 .2		Nipples
	Complete set of spokes & nipples (for 16" front wheel)	40-W & G models, 41 to 52-
43036-40 9.0 Consists of:		W models, 41 to 52-45" Solo

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WHEELS, RIMS, SPOKES, HUBS, AXLES (CONT'D)

INDEX	PART NO.	NAME	USED ON
20	43004-35	RIM, front and rear - 18 in. (black)	41 to 63 - FL, FLH
20	43005-35	RIM. front and rear - 18 in. (chrome)	41 to 63 - FL, FLH
	43006-40A	RIM, front and rear - 16 in. (black)	41 to * - FL, FLH
	43006-57	RIM, front and rear - 16 in. (black) (safety type - police)	57 to * - FL, FLH
	43007-40A	RIM, front and rear - 16 in. (chrome)	41 to * - FL, FLH
21	43030-36	SPOKE AND NIPPLE SET (18 in. wheel)	41 to 63 - FL, FLH
22	43031-36	SPOKE, 18 in. wheel (80)	41 to 63 - FL, FLH
	43032-40	SPOKE, 16 in, wheel (89)	41 to * - FL, FLH
23	43033-40	SPOKE AND NIPPLE SET (16 in. wheel)	41 to * - FL, FLH
24	43099-29	SPOKE NIPPLE (80)	41 to * - FL, FLH
25	43540-36B	WHEEL HUB, front and rear	41 to 66 - FL, FLH
26	43540-67	WHEEL HUB, front and rear	67 to * - FL, FLH
27	43542-67	LOCKNUT, wheel bearing (L.h. thread)	67 to * - FL, FLH
	43546-36	HUB SHELL, front and rear (Replaced by 43540-36B)	
28	43549-36	SLEEVE, roller bearing, front and rear	41 to 66 - FL, FLH
29	43549-67	SPACER, wheel bearing	67 to * - FL, FLH
40.00	43550-35	SLEEVE, roller bearing (Replaced by 43549-36)	
30	43552-39	THRUST WASHER, inner	41 to 66 - FL, FLH
31	43554-35	LOCK RING, thrust washer (2)	41 to 66 - FL, FLH
32	43556-35	SLEEVE, thrust bearing	41 to 66 - FL, FLH
33	43558-39	THRUST WASHER, roller bearing (brake side)	41 to 66 - FL, FLH
34	43560-35	ADJUSTING SHIM 002 thick (pkg. 25)	41 to 66 - FL, FLH
35	43561-39	COLLAR, hub bearing	41 to 66 - FL, FLH
36	43563-35	THRUST WASHER, thick (2 per hub)	41 to 66 - FL, FLH
37	43564-35	RETAINER, cork washer (brake side)	41 to 66 - FL, FLH
38	43566-35A	COVER, outer thrust bearing	41 to 66 - FL, FLH
39	43569-35	THRUST PLATE KIT, wheel hub	41 to 66 - FL, FLH
40	43570-35	WASHER, cork (small)	41 to 66 - FL, FLH
41	43571-35	WASHER, cork (large) (brake side)	41 to 66 - FL, FLH
42	43574-55	THRUST WASHER, wheel hub	55 to 66 - FL, FLH
43	43576-35	GASKET, inner thrust bearing cover (pkg. 10)	41 to 66 - FL, FLH
44	43577-67	BEARING, wheel hub (3)	67 to * - FL, FLH
45	43578-35	ROLLER RETAINER (brake side)	41 to 66 - FL, FLH
46	43875-48	FRONT AXLE	49 to 66 - FL, FLH
	43875-67	FRONT AXLE	67 to * - FL, FLH



Notes:

- Blue highlight denotes what year I believe the Parts Books indicate a rim could be used on but not necessarilly that it was originally available for that model year.
- Red highlight denotes lack of confidence in the Parts Books or as of yet unrealized parts mystery.
- Orange highlight denotes years the rim would have originally been available.
- Light green indicates a front rim.

Rim PN	Distinct Features	Model	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
	T	1						Rear	Rims	1		1	1	1	1	1		1			1	1	
43010-52	19" Rear Chrome	К																					
	Early K Hub	.,																					
43010-53	19" Rear Cadmium	К																					
43005-35	Early K Hub 18" Rear Chrome	1/																					<u> </u>
43005-35	18" Kear Chrome	K, Sportster																					
43005-35B	18" Rear Chrome	K,																					-
43003-335	10 Real Cilionie	The 43005-35B rim appears only in the 69											he 69	Supp	lemen	it.							
43008-60	18" Rear Aluminum	Sportster																					
	olving the 43008-60 & 42		18" Δ	lumin	um Ri	ms th	e 67P	show	s the	43008	8-60 ri	m hei	חס ווגר	d only	v from	60-6	5 The	66 SI	ınnler	nent :	and th	<u> </u>	
	o 18" Aluminum rim re																					_	
	e the first time the 4299																					0B	
	m complete wheel was																						
42999-60	18" Rear Aluminum	Sportster		1																			
		XLH																					
43005-70	18" Rear Chrome	Sportster																					
43008-70	18" Rear Aluminum	XLCH, XLH	Th	ne 70P	B, 71	PB & 7	73PB a	II diffe	er as t	o the	mode	l appl	icatio	ns for	the 4	3008-7	70 & 4	2999	60 rir	ns.			
									Rims														
			52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
43002-52	19" Front Chrome	К																					
	Half Brake	XLCH																					
43002-53	19" Front Cadmium	К																					
	Half Brake																						
43003-30	18" Front Chrome	К																					
	Half Brake	XL, XLH																					
43009-60	18 Front Aluminum	XLH																					
	Half Brake																						
43009-64	18 Front Aluminum	XLH																					
43004-64	18" Front Chrome	XLH																					
43004-64A	18" Front Chrome	XLH		The	43004	-64A	rim or	nly apı	pears	in the	69 Su	ıpplen	nent.										
43010-60	19 Front Aluminum	Sportster																					
	Half Brake																						
43010-64	19 Front Aluminum	XLCH																					
		XLH																					
43002-64	19" Front Chrome	XLCH																					
		XLH																					
		XLCH		The 43002-64A rim only appears in the 69 Supplement.									nont										
43002-64A	19" Front Chrome	ALCH		The					ucai 5		טכ כט	Phici	Telle.			_	_						1
43002-64A	19" Front Chrome	XLH		The	43002	04A	11111 01	, up															
43002-64A 43002-70	19" Front Chrome 19" Front Chrome	_		The	43002	-64A		, up															