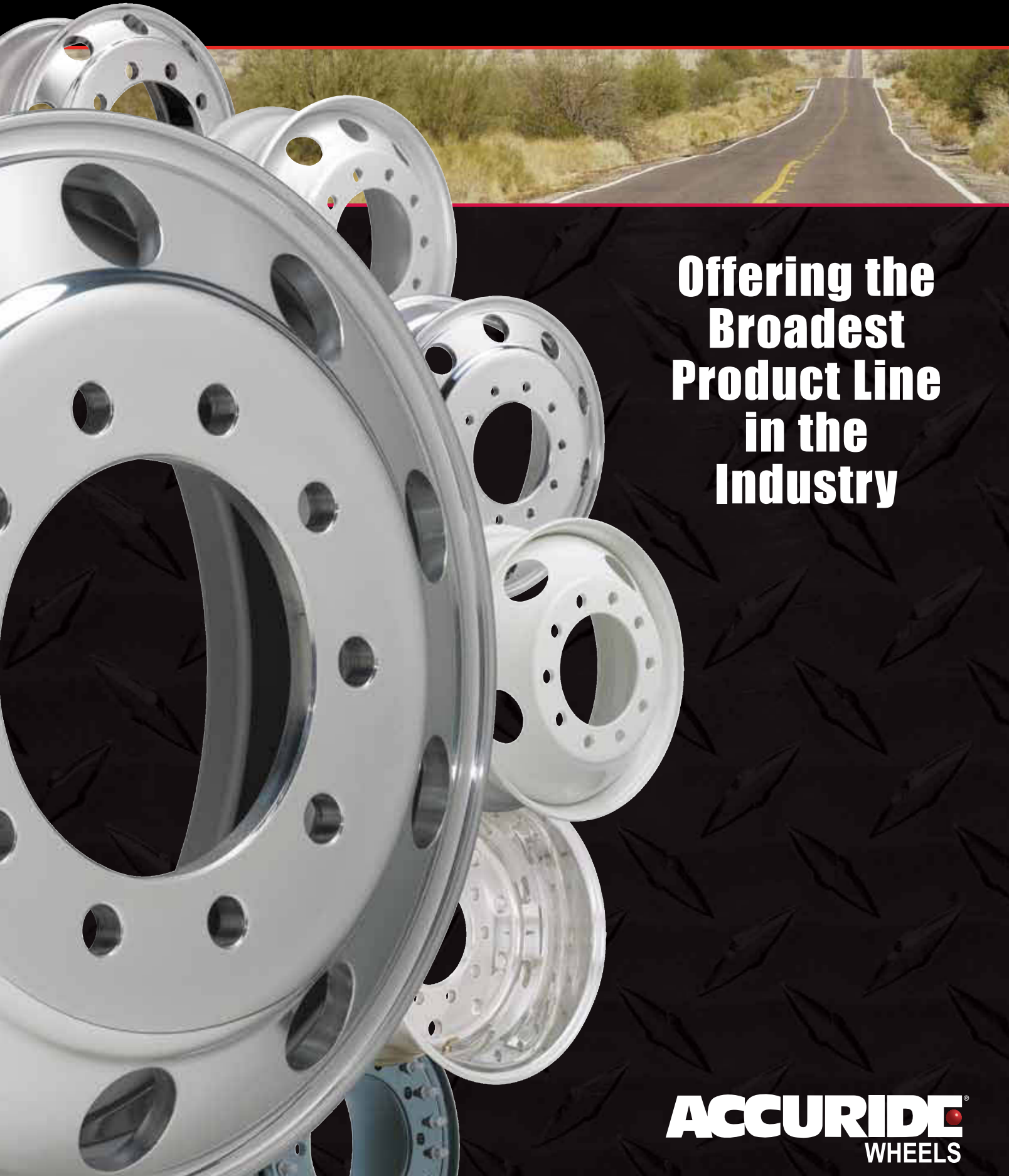


Accuride Wheels

Summer 2011 Product Catalog



**Offering the
Broadest
Product Line
in the
Industry**

ACCURIDE
WHEELS

PAINT OPTIONS



ACRYLIC
E-COAT PRIMER

ZINC PHOSPHATE
PRETREAT

- Wheels pretreated in a Zinc Phosphate bath, then coated with an acrylic, cathodic, electro-deposited White or Grey primer base coat (E-coat).
- Exceeds 336 hours under industry standard ASTM salt spray testing.
- This primer can be topcoated.

Standard



White
PW

Standard



Grey
PG



POWDER
TOPCOAT

ACRYLIC
E-COAT PRIMER

ZINC PHOSPHATE
PRETREAT

- Powder Topcoat applied over E-coat primer.
- Powder Topcoat available as an option, in White, Grey, Black, or Yellow on selected wheels and rims.
- Custom colors available by request.
- Exceeds 1,200 hours under industry standard ASTM salt spray testing.



White
PKWHT21



Black
PKBLK21



Grey
PKGRY21



Yellow
PKYEL21

PAINT OPTIONS

The type and color of paint on wheels/rims will be designated as a suffix to the part number as follows:

PW - Painted White (E-coat) e.g. 50487PW

PG - Painted Gray (E-coat) e.g. 50487PG

PK - Powder Topcoat White e.g. 50487PKWHT21

PK - Powder Topcoat Black e.g. 50487PKBLK21

PK - Powder Topcoat Grey e.g. 50487PKGRY21

PK - Powder Topcoat Yellow e.g. 50487PKYEL21

Accuride also offers on selective products

TK - Liquid Topcoat White e.g. 29815TKWHT21

TK - Liquid Topcoat Grey e.g. 29815TKGRY21

Notes: White and Gray Topcoat are a color match to E-coat
TK Liquid Topcoat is applied over an epoxy black E-coat

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WARNING: Air pressure in an inflated truck tire mounted on a rim/wheel creates explosive energy; this pressure can cause the tire/rim assembly and/or components to burst apart with great force. If struck by an exploding tire or rim component, you can be seriously injured or killed. FEDERAL OSHA REGULATIONS REQUIRE ALL EMPLOYERS TO PROVIDE TRAINING FOR ALL EMPLOYEES WHO SERVICE SINGLE-PIECE AND MULTI-PIECE RIMS/WHEELS. THIS TRAINING SHOULD ENSURE THAT EACH EMPLOYEE DEMONSTRATES AND MAINTAINS HIS ABILITY TO SERVICE SINGLE AND MULTI-PIECE RIMS/WHEELS. THIS KIND OF SAFETY, SERVICE, AND MAINTENANCE INFORMATION IS CONTAINED IN THE ACCURIDE RIM/WHEEL SAFETY & SERVICE MANUAL, WHICH SHOULD BE RETAINED BY YOU.

The Accuride Rim/Wheel Safety & Service Manual and other educational, informational, and training items are available free of charge. Please reference page 35. Please write to Literature Distribution, Accuride Corporation, 7140 Office Circle, Evansville, IN 47715 or call 800-626-7096 to receive free copies. Outside the US call 812-962-5000. You should not, nor should you let your employees, service rims/wheels unless they are thoroughly trained and completely understand this safety information.

ACTIVE PART NUMBER INDEX

Part Number	Size and Type	Page Number	Item Number
262-5-1	20 x 7.5-5°	21	1
275-5-1	20 x 8.0-5°	21	2
276-5-1	22 x 8.0-5°	21	3
277-5-1	24 x 8.0-5°	21	4
313-5-1	24 x 8.5-5°	21	5
590-1	Wheel-Guard	36	6
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590-3	Wheel-Guard	36	3
738-1 (1)	Wheel-Guard	36	4
790-2 (1)	Wheel-Guard	36	1
27403	22.5 x 7.50	16	1
27404	22.5 x 8.25	16	2
27406	24.5 x 8.25	16	4
27599 (2)	24.5 x 8.25	15	4
27833C	22.5 x 8.25	16	3
27834C	22.5 x 8.25	12	2
28112	17.5 x 6.75HC	17	1
28145	17.5 x 6.75HC	17	2
28157	22.5 x 6.75	17	4
28160	22.5 x 6.75	11	8
28192	22.5 x 9.00	16	7
28408	22.5 x 8.25	Use 50408	-
28409	24.5 x 8.25	9	6
28410	24.5 x 8.25	16	9
28440	22.5 x 8.25	13	6
28465	22.5 x 13.00	24	15
28476C	22.5 x 8.25	16	6
28484	22.5 x 8.25	11	7
28487	22.5 x 8.25	Use 50487	-
28510	22.5 x 9.00	16	8
28547 (2)(3)	24.5 x 8.25	-	-
28548 (2)(3)	22.5 x 8.25	-	-
28549	22.5 x 8.25	16	5
28551	22.5 x 13.00	25	8
28572	22.5 x 13.00	24	16
28608 (2)	22.5 x 9.00	15	3
28615 (2)	22.5 x 8.25	15	2
28632 (2)	22.5 x 8.25	12	1
28641	24.5 x 8.25	9	7
28656	17.5 x 6.75HC	11	1
28671	16 x 6K	Use 29581	-
28684	22.5 x 13.00	24	14
28827	24.5 x 8.25	9	12
28828	22.5 x 8.25	9	8
28841 (2)	22.5 x 7.50	15	1
28844 (2)	22.5 x 7.50	-	3
28869	22.5 x 6.75	11	5
29001	22.5 x 7.50	9	2
29015	19.5 x 6.00	27	3
29025 (2)(5)	24.5 x 8.25	-	-
29027 (2)(5)	22.5 x 8.25	-	-
29028	22.5 x 7.50	11	6
29035 (2)(5)	22.5 x 8.25	-	-
29037 (2)(5)	24.5 x 8.25	-	-
29039	22.5 x 9.00	9	10
29058	22.5 x 13.00	-	18
29070 (2)(4)	24.5 x 8.25	-	-
29114 (2)(3)	22.5 x 8.25	-	-

Part Number	Size and Type	Page Number	Item Number
29116 (2)(3)	22.5 x 8.25	-	-
29122 (2)(3)	24.5 x 8.25	-	-
29124 (2)(3)	24.5 x 8.25	-	-
29146	22.5 x 13.00	23	14
29169	22.5 x 8.25	9	9
29195	19.5 x 7.50RW	9	1
29207	19.5 x 6.00	Use 29667	-
29232	16 x 7K	Use 29582	-
29300	22.5 x 9.00	9	11
29315	16 x 6K	Use 29577	-
29316	16 x 6K	Use 29578	-
29317	16 x 6K	Use 29579	-
29329 (2)	22.5 x 7.50	10	5
29333 (2)(3)	22.5 x 7.50	-	-
29334	16 x 6K	Use 29587	-
29340 (6)	17 x 7.5J	-	-
29346 (2)(5)	24.5 x 8.25	-	-
29348 (2)	22.5 x 8.25	10	6
29356	17 x 6K	Use 29505	-
29361 (8)	16 x 6.5J	Use 29588	-
29362 (2)	24.5 x 8.25	Use 41362	-
29368 (1)	17 x 6K	-	-
29374 (2)	22.5 x 12.25	23	3
29376 (2)	22.5 x 13.00	23	5
29378 (2)	22.5 x 12.25	23	1
29380 (2)	22.5 x 13.00	23	4
29388	19.5 x 6.00RW	17	3
29395 (6)	17 x 7.5J	-	-
29396PK (10)	22.5 x 8.25	12	3
29398	16 x 6K	Use 29579	-
29399	16 x 6K	Use 29580	-
29508	16 x 7K	Use 29576	-
29521	19.5 x 6.00RW	Use 29584	-
29540 (2)(7)	22.5 x 8.25	-	-
29543 (2)(5)	22.5 x 8.25	-	-
29544 (2)(5)	24.5 x 8.25	-	-
29545PK (10)	24.5 x 8.25	12	4
29549 (2)(9)	22.5 x 8.25	-	-
29550 (2)(9)	24.5 x 8.25	-	-
29551 (6)	17 x 7.5J	-	-
29560 (2)	22.5 x 8.25	13	1
29562 (2)	22.5 x 9.00	13	3
29576	16 x 7K	30	1
29577	16 x 6K	28	1
29578	16 x 6K	28	2
29579	16 x 6K	28	3
29581	16 x 6K	28	5
29582	16 x 7K	30	2
29583	16 x 6K	28	4
29584	19.5 x 6.00RW	29	4
29585	19.5 x 6.75RW	29	5
29587	16 x 6K	27	2
29588	16 x 6.5J	27	4
29602 (2)	19.5 x 8.25RW	8	2
29610 (1)	20 x 10.00W-5°	-	-
29624 (7)	17 x 7.5J	-	-
29625 (7)	17 x 7.5J	-	-

ACTIVE PART NUMBER INDEX

Part Number	Size and Type	Page Number	Item Number
29626	(6)	17 x 7.5J	-
29627		22.5 x 14.00	23
29637		22.5 x 8.25	9
29644	(2)	22.5 x 8.25	Use 41644
29648	(2)(5)	24.5 x 8.25	-
29660	(2)	22.5 x 14.00	Use 41660
29667		19.5 x 6.00	27
29668	(8)	16 x 4T	-
29670	(2)	24.5 x 8.25	10
29677	(2)(5)	22.5 x 12.25	-
29679	(2)(5)	22.5 x 13.00	-
29681	(2)(5)	22.5 x 9.00	-
29683	(2)	22.5 x 12.25	23
29685	(2)	19.5 x 7.50RW	8
29695	(2)	19.5 x 6.75RW	10
29697	(2)(3)	22.5 x 8.25	-
29699	(2)(3)	24.5 x 8.25	-
29701	(2)(3)	22.5 x 8.25	-
29703	(2)(3)	22.5 x 8.25	-
29705	(2)(3)	24.5 x 8.25	-
29707	(2)(3)	24.5 x 8.25	-
29717		19.5 x 6.00RW	11
29720	(2)(5)	22.5 x 8.25	-
29729	(1)	20 x 10.0-5°	-
29730	(2)	22.5 x 9.00	8
29736		19.5 x 6.75RW	Use 29585
29737	(1)	20 x 10.0-5°	-
29740	(1)	21 x 18.0-5°	-
29741	(1)	20 x 10.0-5°	-
29745		19.5 x 6.00RW	Use 29584
29746		16 x 6K	Use 29583
29747	(6)	16 x 6.5J	-
29748	(1)	20 x 10.0-5°	-
29787	(6)	16 x 4T	-
29801		16 x 7J	Use 50274
29805		22.5 x 12.25	23
29806		22.5 x 12.25	23
29807		22.5 x 12.25	23
29808		22.5 x 12.25	23
29810TK		22.5 x 13.00	23
29811TK		22.5 x 13.00	23
29812TK		22.5 x 13.00	23
29814TK		22.5 x 12.25	24
29815TK		22.5 x 12.25	24
29816		22.5 x 12.25	24
29817TK		22.5 x 12.25	24
29818		22.5 x 13.00	24
29819TK		22.5 x 13.00	24
29820TK		22.5 x 13.00	24
29829TK		20 x 8.0-5°	16
29831		20 x 7.5	-
29832TK		20 x 7.5-5°	16
29838PK		18 x 8J	Use 50276
29839		19.5 x 6.00RW	Use 29884
29841PK		17 x 7.5J	Use 50277
29842TK		20 x 8.0-5°	9
29846TK		22.5 x 9.00	13

Part Number	Size and Type	Page Number	Item Number
29850	(1)	20 x 10.0-5°	-
29855PB	(6)	18 x 8J	-
29856PB	(6)	17 x 7.5J	-
29857		20 x 10.0-5°	-
29875		19.5 x 6.75RW	Use 29879
29879		19.5 x 6.75RW	29
29883		19.5 x 6.00 RW	Use 29884
29884		19.5 x 6.00RW	29
29889		16 x 6K	Use 29583
29911		20 x 10.0-5°	-
29914		20 x 10.0-5°	-
29922		20 x 10.0-5°	-
29923		21 x 18.0-5°	-
29943		16 x 6K	Use 29579
31658		22.5 x 12.25	25
31659		22.5 x 13.00	25
31674		22.5 x 12.25	25
31677		22.5 x 12.25	25
31679		22.5 x 12.25	25
32201TK		22.5 x 13.00	25
32202TK		22.5 x 13.00	25
40000	(2)	22.5 x 8.25	-
40002	(2)	22.5 x 8.25	-
40004	(2)(11)	22.5 x 8.25	-
40006	(2)(11)	24.5 x 8.25	-
40008	(2)	22.5 x 8.25	8
40010	(2)	24.5 x 8.25	13
40012	(2)	22.5 x 9.00	8
40014	(2)	22.5 x 8.25	13
40016	(2)	22.5 x 14.00	Use 41016
40018	(2)	19.5 x 6.00RW	29
40020	(2)(7)	22.5 x 8.25	-
40036	(2)	22.5 x 13.00	23
40048	(2)	20.0 x 10.00	-
40082	(2)	20.0 x 10.00	-
40124	(2)(4)	22.5 x 8.25	-
40160	(2)	19.5 x 7.50RW	-
40162	(2)	19.5 x 7.50RW	10
40164	(2)	22.5 x 11.75	24
40166	(2)	22.5 x 11.75	24
40168	(2)	16 x 7K	15
40169	(2)	17.5 x 6.75	30
40170	(2)	17.5 x 6.75	15
40171	(2)	17.5 x 6.75	10
40176	(2)	22.5 x 11.75	24
40178	(2)	22.5 x 11.75	24
40180	(2)	22.5 x 9.00	13
40224	(1)(2)	20 x 10.0	-
40244	(2)	20 x 11	-
40380	(2)	20 x 11	-
40386	(2)	22.5 x 11.75	24
40394	(2)	22.5 x 11.75	24
40422	(1)(2)	20 x 10.0	-
40455	(2)	20 x 11	-
40460	(2)	20 x 11	-

(1) Call 1.800.626.7096 for availability and minimum quantities.

(2) Aluminum Wheels.

(3) Available only through Freightliner Dealers.

(4) Available only through Navistar Dealers.

(5) Available only through Volvo Dealers.

(6) Available only through Ford Dealers.

(7) Available only through Monaco Dealers.

(8) Available only through GM Dealers.

(9) Available only through Sterling Dealers.

(10) Available only in Powder Topcoat.

(11) Available only through Western Star Dealers.

(12) Available only through Peterbilt and Kenworth Dealers.

ACTIVE PART NUMBER INDEX

Part Number		Size and Type	Page Number	Item Number
40465	(2)	20 x 14		
40470	(2)	22.5 x 8.25		
40504	(2)	20 x 10		
40550	(2)	24.5 x 8.25	8	9
41016	(2)	22.5 x 14.00	23	7
41362	(2)	24.5 x 8.25	8	5
41644	(2)	22.5 x 8.25	8	4
41660	(2)	22.5 x 14.00	23	8
50052	(1)	22.5 x 12.25	-	-
50082		20 x 10.00	-	
50165		22.5 x 12.25	23	12
50172		22.5 x 14.00	23	20
50180		19.5 x 6.75RW	11	3
50194		20 x 10.0	-	
50198	(8)	17 x 6.5J		
50232		19.5 x 6.75RW	11	4
50240	(8)	17 x 7.5J		
50257		20 x 10.00	-	
50264	(8)	17 x 7.5J		
50271		17 x 6.5J	27	5
50274		16 x 7J	31	-
50276		18 x 8J	30	4
50277		17 x 7.5J	30	3
50291	(12)	22.5 x 8.25		
50344	(12)	22.5 x 8.25		
50352		24 x 8.5		
50408		22.5 x 8.25	9	3
50434		22.5 x 7.50		
50475		22.5 x 8.25		
50487		22.5 x 8.25	9	4
50640		17 x 7.5J		
50642		17 x 6.5J		
100065		Wheel-Guard	36	2
30371225		22.5 x 7.50	19	3
30391225		22.5 x 8.25	19	4
30391245		24.5 x 8.25	19	5
31814175		17.5 x 8.25HC	19	2
31868175		17.5 x 6.75HC	19	1
32051225		22.5 x 8.25	19	6
32051245		24.5 x 8.25	19	8
32052225		22.5 x 9.00	19	7

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 (12) Available only through Peterbilt and Kenworth Dealers.

WHEEL AND RIM LIMITED WARRANTY

TO FILE A WARRANTY CLAIM, CALL 1-800-626-7096

LIMITED WARRANTY

Accuride Corporation warrants the following products to be free from defects in workmanship and materials, excluding finish, for a period of FIVE (5) years from date of manufacture:

- Extra Service Wheels™
- Tubeless Wheels & Demountable Rims
- Styled Steel Wheels
- Accuride Aluminum Wheels
- Duplex® Aluminum Wheels

Accuride Corporation warrants the following products to be free from defects in workmanship and materials, excluding finish, for a period of ONE (1) year from the date of manufacture:

- Duplex® Steel Disc Wheels
- Duplex® Demountable Rims
- Tube-Type Wheels & Demountable Rims
- Light Truck Wheels
- Steel Bolt-Together Specialty Wheels

The above warranty shall be void if the wheel or rim is altered, modified, or is not used or maintained in accordance with the instructions printed in Accuride's Rim/Wheel Safety & Service Manual, or is used for tire sizes, inflation pressures, or load ratings in excess of those set forth in current Accuride literature. The above warranty also does not cover defects resulting from corrosion (except as noted above), other components, accident, excessive speed or other abnormal or severe operating conditions.

Accuride's obligation under this warranty is limited to the replacement of any product that proves to be defective with a wheel or rim of like size and type, F.O.B. Accuride's production plant, freight collect.

Accuride reserves the right to inspect parts for which warranty claims are filed, and if necessary, associated vehicles and their maintenance records. Parts for which warranty claims are filed must, upon request, be returned to Accuride Corporation, with transportation charges pre-paid.

THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTENDS BEYOND THE WARRANTY SPECIFIED ABOVE, AND IN NO EVENT SHALL THIS WARRANTY BE DEEMED TO COVER CONSEQUENTIAL DAMAGES OF ANY KIND.

ACCU-SHIELD® LIMITED WARRANTY

ACCU-SHIELD wheels are warranted for 60 months from the date of manufacture. The Limited Warranty applies to ACCU-SHIELD wheels and does not cover corrosion, misuse or other damage associated with the conditions addressed in Accuride's Limited Warranty or associated with (i) any damage in the areas of the mounting surfaces such as the area under the mounting nuts, hubs, drums and against other wheels in dual position, (ii) any damage due to cleaning including use of abrasives, abrasive brushes, steel wool, scouring pads or strong chemicals, and (iii) any damage of the ACCU-SHIELD wheel finish, due to removal, misuse, or chipping, whether by contact with road obstacles such as stones, gravel, curbs, barriers, signs, or otherwise. Accuride recommends cleaning the wheels with mild soap and water. Refer to Accuride Technical Bulletin ACC2.0037 or ACC3.0089, for recommended cleaning, handling, and repair practices.

IMPORTANT NOTICE

Included with this catalog package is the following safety & service information:

- Accuride Rim/Wheel Safety & Service Manual

If you did not receive these documents, or want additional copies, please contact Accuride Corporation, Attention: Literature Distribution, Accuride Corporation, 7140 Office Circle, Evansville, IN 47715 or call 800-626-7096 to receive free copies. Outside the US call 812-962-5000.

Additional educational, informational, and training supplies are listed on page 35. These items are also provided by Accuride Corporation, at no charge.

THE LIGHTWEIGHT ADVANTAGE

Accuride Corporation knows and understands that weight savings help increase your return on investment.

The table below will help you see the potential weight savings that you can achieve using Accuride's lightweight wheel options. Minimize weight while maximizing your savings.

Weight / Part Number		Features	Weight Savings Compared to PN:50408		
			Tractor	Trailer	Total
 70 lbs. PN: 50408		Accu-Lite® 2 hand-hole 22.5 x 8.25 steel wheel	N/A	N/A	N/A
 68 lbs. PN: 50487		Accu-Lite® 5 hand-hole 22.5 x 8.25 steel wheel 2 lbs. savings over Accuride 50408	Save 20 lbs.	Save 16 lbs.	Save 36 lbs.
 66 lbs. PN: 29637		Accu-Lite® 10 hand-hole 22.5 x 8.25 steel wheel 4 lbs. savings over Accuride 50408	Save 40 lbs.	Save 32 lbs.	Save 72 lbs.
 <i>Combination</i> 45 lbs. outer 66 lbs. inner PN: 41644 PN: 29637		Standard 10 hand-hole 22.5 x 8.25 aluminum wheels in outer positions - 25 lbs. savings ea. Accu-Lite® 10 hand-hole 22.5 x 8.25 steel wheels in inner positions - 4 lbs. savings ea.	Save 166 lbs.	Save 116 lbs.	Save 282 lbs.
 45 lbs. PN: 41644		Standard 10 hand-hole 22.5 x 8.25 aluminum wheel 25 lbs. savings over Accuride 50408	Save 250 lbs.	Save 200 lbs.	Save 450 lbs.
 59 lbs. PN: 41660 or PN: 41016		DupleX-One® Replaces traditional dual wheel sets with one 22.5 x 14.00 wheel on tandem axles 74 lbs. savings over dual set of Accuride 50408	Save 374 lbs.*	Save 324 lbs.*	Save 698 lbs.*

* When using 41644 on the steer axle.

HUB-PILOTED TUBELESS & TUBE-TYPE WHEELS

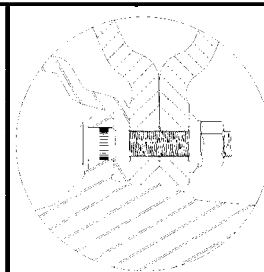


ACCURIDE 15° TUBELESS ALUMINUM WHEELS



Hub-Piloted Dual-Mounting
Two-Piece Flange Nut

10-Hole, 285.75mm Bolt Circle, 220mm Bore



Item	Wheel Size	Part Number	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	19.5 x 7.50RW ⁽¹⁾⁽²⁾	29685ANP 29685AOP 29685AIP 29685ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.25"	.875"	TR545D	38	6700 - 125
2	19.5 x 8.25RW ⁽¹⁾⁽²⁾	29602ANP 29602AOP 29602AIP 29602ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.63"	.875"	TR545D	39	7000 - 120
3	22.5 x 7.50 ⁽³⁾	28844ANP 28844AOP 28844AIP 28844ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.45"	.935"	TR545D	55	7300 - 120
4	22.5 x 8.25 ⁽³⁾ 2.75" Hand Hole	41644ANP 41644XP	Machined Both Sides	6.59"	.875"	TR545D	45	7400 - 131
5	24.5 x 8.25 ⁽³⁾	41362ANP 41362XP	Machined Both Sides	6.59"	.875"	TR545D	54	7400 - 130

Heavy Load Applications

6	22.5 x 8.25 2.0" Hand Hole	40008ANP 40008AOP 40008AIP 40008ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.59"	.935"	TR545D	54	8000 - 131
7	22.5 x 9.00 ⁽⁴⁾	40012ANP 40012AOP 40012AIP 40012ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	3.12" ⁽⁴⁾	.980"	TR543E	54	10200 - 131
8	22.5 x 9.00 ⁽³⁾	29730ANP 29730AOP 29730AIP 29730ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	7.00"	.980"	TR545D	62	10000 - 130
9	24.5 x 8.25 ⁽³⁾	40550ANP 40550XP	Machined Both Sides	6.59"	.950"	TR545D	61	8000-131

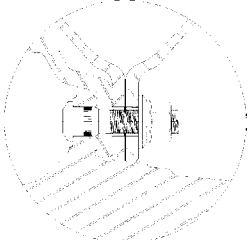
⁽¹⁾ "RW" denotes revised well for increased brake clearance.

⁽²⁾ Requires special 15 x 8½ brake package.

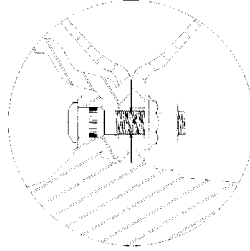
⁽³⁾ Available with ACCU-SHIELD® finish. When ordering add a "C" to the part number suffix. Example: 29730ABPC

⁽⁴⁾ Not approved for dual application. (inset listed)

ACCURIDE 15° TUBELESS STEEL WHEELS

		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 285.75mm Bolt Circle, 220mm Bore ACCUMOUNT EXTRA SERVICE WHEELS						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	19.5 x 7.50RW ⁽¹⁾⁽²⁾	29195	5	6.40"	.437"	TR546-36	65	6700 - 120
2	22.5 x 7.50	29001	5	6.44"	.437"	TR500	72	6610 - 120
3	22.5 x 8.25	50408 ⁽⁷⁾⁽⁹⁾	2	6.60"	.437"	TR572-F19	70	7400 - 120
4	22.5 x 8.25	50487 ⁽⁸⁾⁽⁹⁾	5	6.60"	.437"	TR572-F19	68	7400 - 120
5	22.5 x 8.25	29637 ⁽⁹⁾	10	6.60"	.437"	TR572-F19 ⁽⁶⁾	66	7400 - 120
6	24.5 x 8.25	28409	2	6.62"	.437"	TR573	86	7400 - 120
7	24.5 x 8.25	28641	5	6.62"	.437"	TR573	84	7400 - 120
Heavy Load Applications								
8	22.5 x 8.25	28828	2	6.62"	.472"	TR573	79	8000 - 120
9	22.5 x 8.25	29169	5	6.62"	.472"	TR573	78	8000 - 120
10	22.5 x 9.00	29039	5	5.25" ⁽³⁾	.500"	TR573	103	10000 - 130
11	22.5 x 9.00	29300	5	7.00"	.625"	TR573	108	10000 - 130
12	24.5 x 8.25	28827	2	6.62"	.472"	TR573	86	8000 - 120

ACCURIDE 5° TUBE-TYPE STEEL WHEELS

		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 285.75mm Bolt Circle, 220mm Bore						
Item	Wheel Size	Part Number ⁽⁴⁾	Rim Type	Hand Holes	Wheel Offset	Disc	Approx Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
13	20 x 8.0	29842TK ⁽⁵⁾	5°	5	6.88"	.420"	108	7200 - 120

⁽¹⁾ "RW" denotes revised well for increased brake clearance.

⁽²⁾ Requires special 15 x 8% brake package.

⁽³⁾ Not approved for dual application. (inset listed)

⁽⁴⁾ Tube-Type part numbers indicate wheel with side ring 262D5SR and lock ring 240D5LR.

⁽⁵⁾ TK - Product has liquid topcoat over epoxy black E-coat.

⁽⁶⁾ Valve TR572-12E may provide improved valve access to inner dual.

⁽⁷⁾ Replaced 28408.

⁽⁸⁾ Replaced 28487.

⁽⁹⁾ Wheel might require a different weight balance. Contact your Accuride Field Representative for additional information.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

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WHEELS

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WHEELS

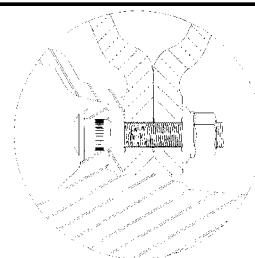
GENERAL
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ACCURIDE 15° TUBELESS ALUMINUM WHEELS



Hub-Piloted Dual-Mounting Two-Piece Flange Nut

8-Hole, 275mm Bolt Circle, 221mm Bore



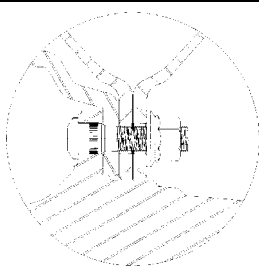
Item	Wheel Size	Part Number	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	17.5 x 6.75	40171ANP 40171AIP	Machined Inside (Outer Dual)	5.55"	.827"	TR544C	30	5515 - 142
2	19.5 x 6.75RW ⁽¹⁾⁽²⁾	29695ANP 29695AOP 29695AIP 29695ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	5.60"	.830"	TR545D	36	5000 - 125
3	19.5 x 7.50RW ⁽¹⁾⁽²⁾	40160ANP 40160AOP 40160AIP 40160ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.25"	.875"	TR545D	39	6700 - 120
4	19.5 x 7.50RW ⁽¹⁾⁽²⁾⁽³⁾	40162ANP 40162AOP 40162AIP 40162ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.25"	.875"	TR545D	39	6700 - 120
5	22.5 x 7.50	29329ANP 29329AOP 29329AIP 29329ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.45"	.935"	TR545D	55	7200 - 120
6	22.5 x 8.25	29348ANP 29348AOP 29348AIP 29348ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.59"	.935"	TR545D	55	7300 - 120
7	24.5 x 8.25	29670ANP 29670AOP 29670AIP 29670ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.59"	.935"	TR545D	57	7300 - 120

(1) "RW" denotes revised well for increased brake clearance.

(2) Fits only ISO Hub back-up diameter for 8-holes, 275mm system.

(3) Bolt holes are 32.87mm. ISO Standards are 26mm.

ACCURIDE 15° TUBELESS STEEL WHEELS

		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 8-Hole, 275mm Bolt Circle, 221mm Bore						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	17.5 x 6.75HC ⁽¹⁾	28656 ⁽²⁾⁽⁵⁾	4	5.60"	.437"	TR500 ⁽⁴⁾	54	5355 - 125
2	19.5 x 6.00RW ⁽³⁾⁽⁷⁾	29717 ⁽²⁾⁽⁶⁾	4	5.00"	.375"	TR501	53	3750 - 110
3	19.5 x 6.75RW ⁽³⁾⁽⁷⁾	50180 ⁽²⁾⁽⁶⁾	4	5.60"	.375"	TR575	59	5000 - 120
4	19.5 x 6.75RW ⁽³⁾⁽⁷⁾	50232 ⁽²⁾⁽⁶⁾	6	5.00"	.375"	TR575	58	5000 - 120
5	22.5 x 6.75	28869 ⁽²⁾⁽⁶⁾	4	5.70"	.375"	TR500	71	5000 - 115
6	22.5 x 7.50	29028 ⁽²⁾⁽⁶⁾	4	6.20"	.375"	TR571	75	5000 - 120
7	22.5 x 8.25	28484 ⁽⁵⁾	4	6.62"	.472"	TR573	81	7300 - 120

(1) "HC" denotes heavy construction to differentiate from light truck rims.

(2) Fits only ISO hub back-up diameter for 8-hole, 275mm system.

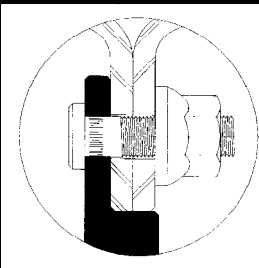
(3) "RW" denotes revised well for increased brake clearance.

(4) For inner duals use TR574 with F29 bend and a 2" extension.

(5) Bolt holes are 26mm. ISO Standards are 24mm.

(6) Bolt holes are 25mm. ISO Standards are 24mm.

(7) Requires special 15 x 8½" brake package.

		Hub-Piloted Dual-Mounting One-Piece Flanged Cap Nut 10-Hole, 8¾" Bolt Circle, 6.25" Bore (1½ - 2 Ton Chevy and GMC)						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
8	22.5 x 6.75	28160	5	5.93"	.375"	TR500	71	4675 - 110

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

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RIMS &
COMPONENTS

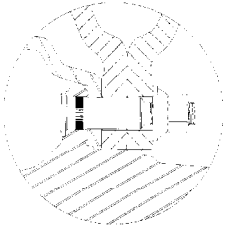
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LIGHT TRUCK
WHEELS

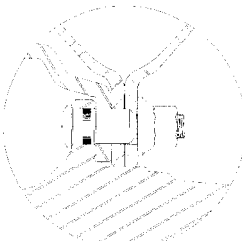
BOLT-TOGETHER
SPECIALTY
WHEELS

GENERAL
INFORMATION

ACCURIDE 15° TUBELESS ALUMINUM WHEEL

		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 11¼" Bolt Circle, 8.66" Bore Special Bus Application with 1.22" Bolt Holes						
Item	Wheel Size	Part Number	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	22.5 x 8.25	28632ANP 28632AOP 28632AIP 28632ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.59"	.860"	TR545D	54	7300 - 120

ACCURIDE 15° TUBELESS STEEL WHEELS

		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 11¼" Bolt Circle, 8.66" Bore Special Bus Application with 1.22" Bolt Holes <u>EXTRA SERVICE WHEELS</u>						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
2	22.5 x 8.25	27834C ⁽¹⁾⁽²⁾	5	6.62"	.437"	TR572	76	7400 - 120

⁽¹⁾ Check clearance. May not fit some older bus applications.

⁽²⁾ "C" suffix denotes balanced wheel.

ACCURIDE 15° TUBELESS STYLED STEEL WHEELS

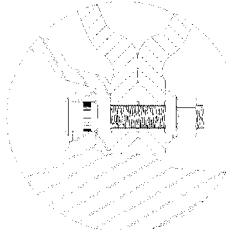
		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 285.75mm Bolt Circle, 220mm Bore <u>ACCUMOUNT EXTRA SERVICE WHEELS</u>						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
3	22.5 x 8.25	29396PK	10	6.62"	.437	TR572 ⁽³⁾	76	7400 - 120
4	24.5 x 8.25	29545PK	10	6.62"	.437	TR573 ⁽³⁾	85	7400 - 120

⁽³⁾ Valve TR572E12 may provide improved valve access to inner dual.

Standard colors are powder white, grey, black.

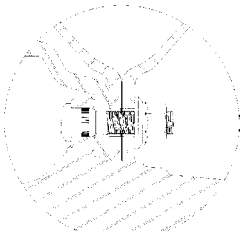
Optional color is silver and other colors available upon request.

ACCURIDE 15° TUBELESS ALUMINUM WHEELS

		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 335mm Bolt Circle, 281mm Bore <u>ULTRAMOUNT 335</u>						
Item	Wheel Size	Part Number	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	22.5 x 8.25	29560ANP 29560AOP 29560AIP 29560ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.69"	.866"	V3-20-7	53	8046 - 138
2	22.5 x 8.25 ⁽¹⁾	40014ANP 40014AOP 40014AIP 40014ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.69"	.866"	V3-20-7	53	8046 - 138
3	22.5 x 9.00	29562ANP 29562AOP 29562AIP 29562ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.89"	.866"	V3-20-7	55	9094 - 141
4	22.5 x 9.00 ⁽¹⁾	40180ANP 40180AOP 40180AIP 40180ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.89"	.866"	V3-20-7	55	9094 - 141
5	24.5 x 8.25	40010ANP 40010AOP 40010AIP 40010ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.79"	.984"	TR545D	66	8511 - 130

⁽¹⁾ Bolt holes are 32mm. ISO standards are 26mm.

ACCURIDE 15° TUBELESS STEEL WHEELS

		Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 335mm Bolt Circle, 281mm Bore <u>ULTRAMOUNT 335</u>						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
6	22.5 x 8.25	28440	10	6.62"	.433"	TR570-14E	87	7500 - 120
7	22.5 x 9.00	29846TK ⁽²⁾	10	6.93"	.551"	V3-20-6	103	9000 - 130

⁽²⁾ TK - Product has liquid topcoat over epoxy black E-coat.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

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COMPONENTS

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WHEELS

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WHEELS

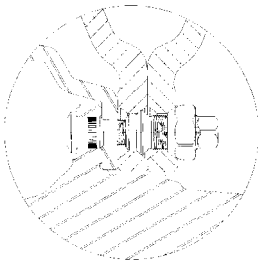
GENERAL
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STUD-PILOTED TUBELESS & TUBE-TYPE WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS



ACCURIDE 15° TUBELESS ALUMINUM WHEELS

		Stud-Piloted Dual-Mounting Double Cap Nut 10-Hole, 11¼" Bolt Circle, 8.72" Bore						
Item	Wheel Size	Part Number	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	22.5 x 7.50	28841ANP 28841AOP 28841AIP 28841ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.45"	.935"	TR545D	54	7200 - 120
2	22.5 x 8.25	28615ANP 28615AOP 28615AIP 28615ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.59"	.935"	TR545D	54	7250 - 120
3	22.5 x 9.00	28608ANP 28608AOP 28608AIP 28608ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	7.00"	.980"	TR545D	60	9000 - 130
4	24.5 x 8.25	27599ANP 27599AOP 27599AIP 27599ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	6.59"	.935"	TR545D	62	7200 - 120

Stud-Piloted Single-Mounting Two-Piece Flange Nut 8-Hole, 6.5" Bolt Circle, 5.155" Bore						
Item	Wheel Size	Part Number	Valve	Wheel Offset	Approx Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
5	16 x 7.0K	40168AOP	TR-542	.25"	20	3750 - 110

Stud-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 8.75" Bolt Circle, 6.496" Bore						
Item	Wheel Size	Part Number	Valve	Wheel Offset	Approx Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
6	17.5 x 6.75	40170ANP 40170AIP	TR-544C	5.55"	31	5070 - 125

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
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GENERAL
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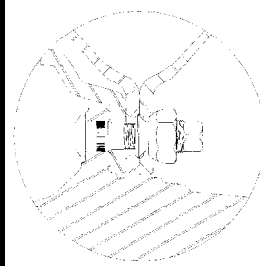
ACCURIDE 15° TUBELESS STEEL WHEELS



**Stud-Piloted Dual-Mounting
Double Cap Nut**

10-Hole, 11¼" Bolt Circle, 8.72" Bore

EXTRA SERVICE WHEELS



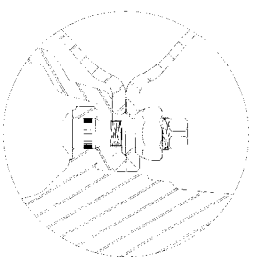
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	22.5 x 7.50	27403	2	6.44"	.437"	TR500	73	6610 - 120
2	22.5 x 8.25	27404	2	6.62"	.437"	TR572	78	7400 - 120
3	22.5 x 8.25	27833C ⁽¹⁾⁽²⁾	5	6.62"	.437"	TR572	75	7400 - 120
4	24.5 x 8.25	27406	2	6.62"	.437"	TR573	86	7400 - 120
Heavy Load Applications								
5	22.5 x 8.25	28549	2	6.62"	.472"	TR573	79	8000 - 120
6	22.5 x 8.25	28476C ⁽¹⁾⁽²⁾	5	6.62"	.472"	TR573	77	8000 - 120
7	22.5 x 9.00	28192 ⁽⁵⁾	0 ⁽⁴⁾	3.12"	.625"	TR572-19E ⁽⁶⁾	115	9000 - 130
8	22.5 x 9.00	28510 ⁽³⁾	2	7.00"	.625"	TR573	110	9000 - 130
9	24.5 x 8.25	28410	2	6.62"	.472"	TR573	86	8000 - 120

ACCURIDE 5° TUBE-TYPE STEEL WHEELS



**Stud-Piloted Dual-Mounting
Double Cap Nut**

10-Hole 11¼" Bolt Circle, 8.72" Bore



Item	Wheel Size	Part Number ⁽⁷⁾⁽⁸⁾	Rim Type	Hand Holes	Wheel Offset	Disc	Approx Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
10	20 x 7.5	29832TK	5°	5	6.50"	.420"	98	6610 - 120
11	20 x 8.0	29829TK	5°	5	6.88"	.420"	108	7200 - 120

(1) Check clearance. May not fit some older bus applications.

(2) "C" suffix denotes balanced wheel.

(3) Because of the thicker disc, longer studs must be used. When longer studs are used, wheels with thinner discs cannot be used in a dual assembly because the inner cap nut can bottom out before the wheel is securely clamped.

(4) Wheel disc has small valve access hole.

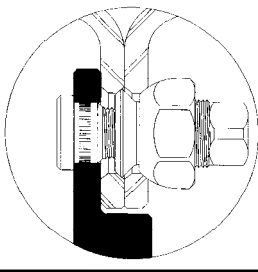
(5) Not approved for dual application (inset listed). Wheel may be reversed changing to 3.75" offset using valve TR570C.

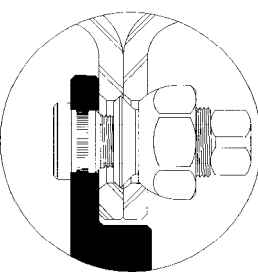
(6) Use TR570C valve for 3.75" positive offset (outset).

(7) Tube-Type part numbers indicate wheel with side ring 262D5SR and lock ring 240D5LR.

(8) TK - Product has liquid topcoat over epoxy black E-coat.

ACCURIDE 15° TUBELESS STEEL WHEELS

		Stud-Piloted Dual-Mounting Double Cap Nut 10-Hole, 8¾" Bolt Circle, 6.50" Bore						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	17.5 x 6.75HC ⁽¹⁾	28112	2	6.19"	.420"	TR570-14C	58	5070 - 125

		Stud-Piloted Dual-Mounting Double Cap Nut 6-Hole, 8¾" Bolt Circle, 6.50" Bore						
Item	Wheel Size	Part Number	Hand Holes	Wheel Offset	Disc	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
2	17.5 x 6.75HC ⁽¹⁾	28145	2	6.07"	.420"	TR500	58	5070 - 125
3	19.5 x 6.00RW ⁽²⁾	29388	2	5.00"	.375"	TR435	52	3640 - 110
4	22.5 x 6.75	28157	6	5.94"	.375"	TR500	70	4610 - 95

⁽¹⁾ "HC" denotes heavy construction to differentiate from light truck rims.

⁽²⁾ "RW" denotes revised well for increased brake clearance.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

DUPLICATE DISC®
WHEELS/DUPLICATE®
DEMOUNTABLE RIMS

LIGHT TRUCK
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GENERAL
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DEMOUNTABLE RIMS AND COMPONENTS



DEMOUNTABLE
RIMS &
COMPONENTS

ACCURIDE 15° TUBELESS DEMOUNTABLE RIMS

		EXTRA SERVICE RIMS				
Item	Rim Size	Part Number	Rim Offset	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
1	17.5 x 6.75HC ⁽¹⁾	31868175	3.90"	TR572	46	4805 – 125
2	17.5 x 8.25HC ⁽¹⁾	31814175	4.75"	TR573	55	6040 – 130
3	22.5 x 7.50	30371225	4.26"	TR572	64	6610 – 120
4	22.5 x 8.25	30391225	4.75"	TR573	68	7300 – 120
5	24.5 x 8.25	30391245	4.75"	TR573	74	7300 – 120
Heavy Load Applications						
6	22.5 x 8.25	32051225 ⁽²⁾	4.75"	TR573	69	8000 – 120
7	22.5 x 9.00	32052225 ⁽²⁾	5.00"	TR574	87	10000 – 130
8	24.5 x 8.25	32051245 ⁽²⁾	4.75"	TR573	76	8000 – 120

⁽¹⁾ "HC" denotes heavy construction to differentiate from light truck rims.

⁽²⁾ Requires a six spoke cast spoke wheel to carry indicated load rating.

DUAL SPACINGS						
All dimensions in inches.						
(See pages 46 & 48 for additional information)						
Rim Width Size	Rim Type	Rim Offset	Dual Spacing With Spacer Band Width			
			3 ³ / ₈ "	3 ⁵ / ₈ "	4"	4 ¹ / ₄ "
7.5	FL, 5°	4.75"	12.9	13.1	13.5	13.8
8.0	5°	5.00"	13.4	13.6	14.0	14.2
8.5 ⁽³⁾	5°	5.30"			14.6	14.8

⁽³⁾ 8.5 tube-type rims require M type spacer bands to fit smaller diameter cast spoke wheels (see "E" dimension on page 21).

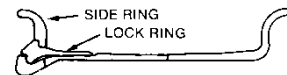
Spacer bands for Tubeless Demountable Rims	
Rim Diameter	Use Spacer Band Size
17.5"	15"
22.5"	20"
24.5"	22"

HEAVY DUTY TUBE-TYPE DEMOUNTABLE RIMS



5° Radial Commander® 3-Piece Rim

- 5° bead seats on both sides provide maximum support under entire width of tire beads.
- Continuous base and side ring minimize tire bead chafing.



Rim Assembly

Item	Rim Size & Type	Part No. ⁽¹⁾⁽²⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
1	20 x 7.5 – 5°	262-5-1	69	6400 – 105
2	20 x 8.0 – 5°	275-5-1	80	7600 – 105
3	22 x 8.0 – 5°	276-5-1	88	7600 – 105
4	24 x 8.0 – 5°	277-5-1	98	7600 – 105
5	24 x 8.5 – 5° ⁽³⁾	313-5-1	118	8900 – 120

Components

	Rim Size	Rim Base	Side Ring		Lock Ring	
Item	& Type	Part No. ⁽¹⁾⁽²⁾	Markings/Size & Type	Part No. ⁽²⁾	Markings/Size & Type	Part No. ⁽²⁾
1	20 x 7.5 – 5°	262D51X	20 x 7.5 – 8.0 – 5° – FL	262D5SR	20 x 7.0 – 7.5 – 8.0 – 5°	240D5LR
2	20 x 8.0 – 5°	275D51X	20 x 7.5 – 8.0 – 5° – FL	262D5SR	20 x 7.0 – 7.5 – 8.0 – 5°	240D5LR
3	22 x 8.0 – 5°	276D51X	22 x 8.0 – 5°	263D5SR	22 x 7.0 – 7.5 – 8.0 – 5°	241D5LR
4	24 x 8.0 – 5°	277D51X	24 x 8.0 – 5°	264D5SR	24 x 7.0 – 7.5 – 8.0 – 5°	242D5LR
5	24 x 8.5 – 5° ⁽³⁾	313D51X	24 x 8.5 – 5°	313D5SR	24 x 8.5 – 5°	313D5LR

⁽¹⁾ A "1" suffix on part number indicates demountable rim assembly for cast spoke wheels. A "2" suffix on part number indicates non-demountable rim (no valve locators and no valve slot). A "3" suffix on part number indicates non-demountable rim (no valve locators, but does include valve slot).

An "X" suffix on part number indicates rim only (side ring and lock ring are excluded).

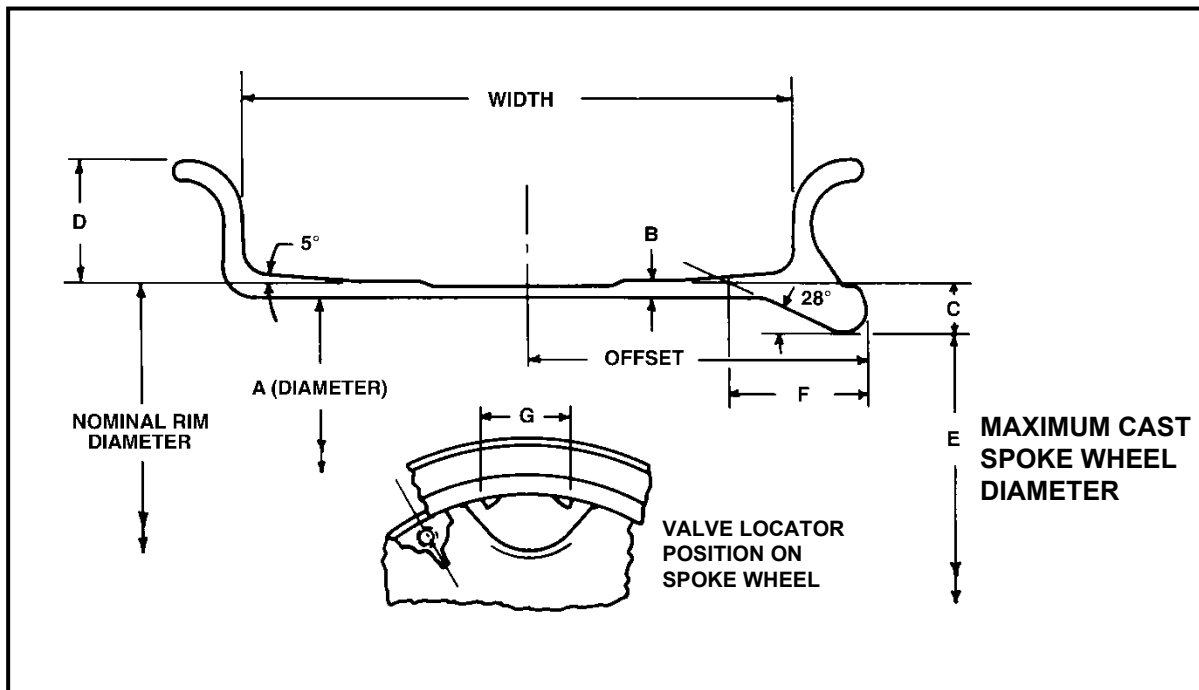
⁽²⁾ Product has liquid topcoat over epoxy black E-coat.

⁽³⁾ 8.5 tube-type rims require M type spacer bands to fit smaller diameter cast spoke wheels (see "E" dimension on page 21).

DIMENSIONS FOR TUBE-TYPE RIMS BY PART NUMBER (All dimensions in inches)

Part Number	Size		Rim Offset	A	B	C	D	E	F	G
	Dia.	Width								
262-5-1	20	7.5	4.75	19.506	.247	.698	1.60	18.550	1.782	3.75
275-5-1	20	8.0	5.00	19.470	.265	.698	1.75	18.550	1.782	3.75
276-5-1	22	8.0	5.00	21.470	.265	.698	1.75	20.550	1.782	4.50
277-5-1	24	8.0	5.00	23.470	.265	.698	1.75	22.550	1.782	5.25
313-5-1 ⁽¹⁾	24	8.5	5.30	23.372	.314	.750	1.75	22.422 ⁽¹⁾	2.000	5.25

⁽¹⁾ 8.5 tube-type rims require M type spacer bands to fit smaller diameter cast spoke wheels.

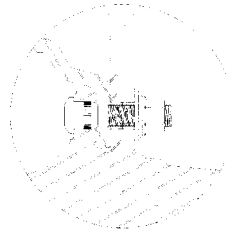


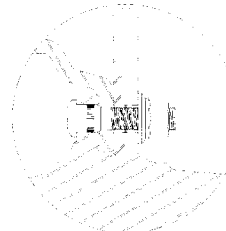
DUPLEX® DISC WHEELS AND DUPLEX® DEMOUNTABLE RIMS



DUPLEX DISC®
WHEELS/DUPLEX®
DEMOUNTABLE RIMS

ACCURIDE 15° TUBELESS DUPLEX® DISC WHEELS

		Aluminum Hub-Piloted Mounting⁽¹⁾ Two-Piece Flange Nut 10-Hole, 285.75mm Bolt Circle, 220mm Bore							
Item	Wheel Size	Part Number	Polish Option (Typical Application)	Inset ⁽²⁾	Outset ⁽²⁾	Disc Thickness	Installed Valve ⁽³⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
1	22.5 x 12.25	29378ANP 29378AOP	Machined Outside (Rear)	0.56"	0.56"	1.120"	TR543E	66	11400 – 120
2	22.5 x 12.25	29683ANP 29683AOP	Machined Outside (Front)	2.88"	---	1.125"	TR545E	62	11400 – 125
3	22.5 x 12.25 ⁽⁴⁾	29374ANP 29374AOP	Machined Outside (Front)	4.75"	---	1.125"	TR545E	66	11000 – 131
4	22.5 x 13.00	29380ANP 29380AOP	Machined Outside (Rear)	0.56"	0.56"	1.120"	TR543E	64	12300 – 120
5	22.5 x 13.00	29376ANP 29376AOP	Machined Outside (Front)	5.25"	---	1.125"	TR545E	68	11000 – 120
6	22.5 x 13.00	40036ANP 40036AOP	Machined Outside (Front)	2.38"	3.51"	1.125"	TR545E	67	13000 – 131
7	22.5 x 14.00 ⁽⁴⁾	41016ANP 41016XP	Machined Outside (Rear)	0.50"	0.50"	1.0"	TR543E	59	12800 – 131
8	22.5 x 14.00 ⁽⁴⁾	41660ANP 41660XP	Machined Outside (Rear)	1.00"	2.00" ⁽⁵⁾	1.0"	TR543E	59	12800 – 131

		Steel Hub-Piloted Mounting⁽¹⁾ Two-Piece Flange Nut 10-Hole, 285.75mm Bolt Circle, 220mm Bore, .625" Disc							
Item	Wheel Size	Part Number	Inset ⁽²⁾	Outset ⁽²⁾	Hand Holes	Disc Position (see pg. 25)	Recommended Valve ⁽⁶⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)
9	22.5 x 12.25	29805	---	0.63"	5	2	TR574-24E	119	11500 – 125
10	22.5 x 12.25	29806	4.00"	---	5	1	TR500	119	11500 – 125
11	22.5 x 12.25	29807	4.75"	---	5	1	TR574-24E	119	11500 – 125
12	22.5 x 12.25	50165	5.25"	---	5	1	TR574-24E	119	11500 – 125
13	22.5 x 12.25	29808	5.75"	---	5	1	TR574-24E	119	11500 – 125
14	22.5 x 13.00	29146TK ⁽⁷⁾	---	0.63"	5	2	TR574-26E	132	11000 – 110
15	22.5 x 13.00	29810TK ⁽⁷⁾	2.62"	---	5	2	TR500	129	11000 – 110
16	22.5 x 13.00	29811TK ⁽⁷⁾	4.32"	---	5	1	TR574-26E	132	11000 – 110
17	22.5 x 13.00	29812TK ⁽⁷⁾	5.25"	---	5	1	TR574-26E	132	11000 – 110
18	22.5 x 13.00	29058 ⁽⁸⁾	5.25"	---	0 ⁽⁹⁾	1	TR574-26E	153	13000 – 130
19	22.5 x 14.00	29627	1.38"	2.00" ⁽⁵⁾	5	2	TR573	127	12800 – 125
20	22.5 x 14.00	50172	---	0.00"	5	2	TR500	127	12800 – 125

(1) These wheels require two-piece metric flange nuts and grade 8 or higher 22mm wheel studs and 450-500 ft. – lbs. nut torque are recommended.

(2) Inset is the lateral distance from the rim centerline to the mounting surface of the disc. Inset places the rim centerline inboard of the mounting surface; outset places the rim centerline outboard of the hub surface.

(3) Aluminum Duplex wheels come with valve installed.

(4) Available with ACCU-SHIELD.

(5) The outset of Duplex wheels can affect the loading on the axle end. When retrofitting trailers with wheels having an outset greater than 0.63 inches, consult the axle manufacturer.

(6) The valve shown is for the inset position.

(7) TK - Product has liquid topcoat over epoxy black e-coat.

(8) Rim flanges are reinforced.

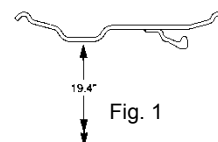
(9) Wheel disc has small valve access hole.

ACCURIDE 15° TUBELESS DUPLEX® DEMOUNTABLE RIMS

For Installation on Cast Spoke Wheels Designed
for 20 x 8.0 or Narrower Tube-Type or
22.5" Diameter Tubeless Demountable Rims



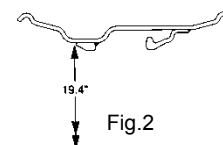
Duplex® Demountable Rims for Front Applications



Item	Rim Size	Part Number ⁽¹⁾	Rim Offset ⁽²⁾	Mounting Ring	Recommended Valve ⁽³⁾	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)	Valve Hole Location ⁽⁴⁾
1	22.5 x 12.25	31674	3.00"	Fig.1	TR574E13	100	9270 – 115	LS
2	22.5 x 12.25	31677	4.00"	Fig.1	TR574E13	100	9270 – 115	LS
3	22.5 x 12.25	31679	4.75"	Fig.1	TR574E13	100	9270 – 115	LS
4	22.5 x 13.00	32201TK ⁽⁵⁾	3.94"	Fig.1	TR574E13	103	10000 – 105	LS
5	22.5 x 13.00	32202TK ⁽⁵⁾	5.62"	Fig.1	TR574E13	103	10000 – 105	LS



Duplex® Demountable Rims for Rear Applications



Item	Rim Size	Part Number	Rim Offset ⁽⁶⁾	Mounting Ring/Band Position	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) – (psi)	Valve Hole Location ⁽⁴⁾
6	22.5 x 12.25	31658	0.38"	Fig. 2	TR501	102	10500 – 115	LS
7	22.5 x 13.00	31659	0.00"	Fig. 2	TR501	106	10500 – 110	LS
8	22.5 x 13.00	28551	2.75"	Fig. 2	TR575	125	10500 – 110	BDC

⁽¹⁾ Requires a six spoke cast spoke wheel.

⁽²⁾ Rim offset is defined as the lateral distance from the rim centerline to the face of the mounting ring.

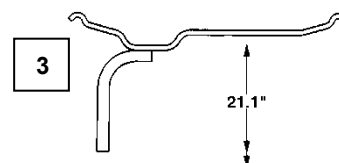
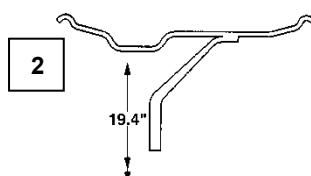
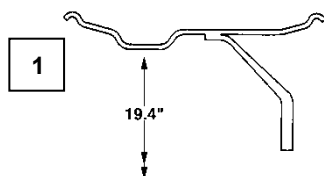
⁽³⁾ The valve listed places the end of the valve near the mounting ring clamping face. Shorter valves TR501 or TR500 may be used.

⁽⁴⁾ "BDC" denotes bottom drop center, "LS" denotes long side.

⁽⁵⁾ TK – Product has liquid topcoat over epoxy black e-coat.

⁽⁶⁾ Reference chart on page 42 for change in dual track. This distance either increases or decreases the vehicle track depending on the way the rim is assembled on the vehicle. If spacer width replaced is not 4", a new clamp size will be required.

Disc Positions





LIGHT TRUCK WHEELS



LIGHT TRUCK
WHEELS

LIGHT TRUCK WHEELS

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

DUPLICATE DISC®
WHEELS/DUPLICATE®
DEMOUNTABLE RIMS

LIGHT TRUCK
WHEELS

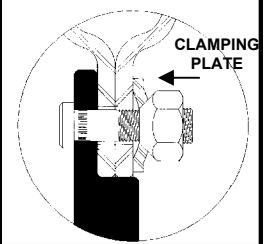
BOLT-TOGETHER
SPECIALTY
WHEELS

GENERAL
INFORMATION



Hub-Piloted Dual-Mounting Use Clamping Plate w/90° Cone Nuts

10-Hole, 7 1/4" Bolt Circle, 5.25" Bore
(P-300 Chevrolet or GMC Typical)

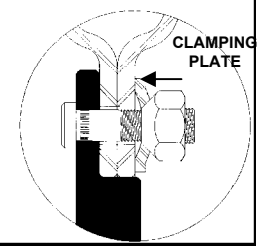


Item	Wheel Size	Rim Type	Part Number	Hand Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	19.5 x 6.00	15° Tbls	29667	5	5.08"	.375"	.625"	TR500	48	3000 – 95



Hub-Piloted Dual-Mounting Use Clamping Plate w/90° Cone Nuts

8-Hole, 6 1/2" Bolt Circle, 4.56" Bore
(3/4 , 1 Ton, Chevrolet or GMC Typical)

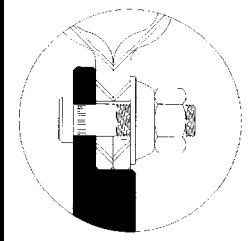


Item	Wheel Size	Rim Type	Part Number	Hand Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
2	16 x 6K	5° DC	29587	4	5.00"	.308"	.453"	TR600HP	35	2440 – 80
3	19.5 x 6.00	15° Tbls	29015	4	5.00"	.296"	.625"	TR573	46	2540 – 80



Hub-Piloted Dual-Mounting Use Only GM Swiveling Lug Nut⁽¹⁾

8-Hole, 6 1/2" Bolt Circle, 4.60" Bore
(3/4 , 1 Ton, Chevrolet or GMC Typical)



Item	Wheel Size	Rim Type	Part Number	Hand Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
4	16 x 6.5J	5° DC	29588	4	5.00"	.308"	.453"	TR600HP	34	2440 – 80
5	17 x 6.5J	5° DC	50271	5	5.00"	.312"	.453"	TR600HP	37	2800 – 80

Clamping Plate Table

Wheel Size	Wheel P/N	Replaces P/N	Clamping Plate General Motors P/N
16 x 6K	29587	27756, 27994, 28177, 28374, 28603 ⁽²⁾ , 28623 ⁽²⁾ , 29334 ⁽²⁾	472536
19.5 x 6.00	29015	27774	472536
19.5 x 6.00	29667	29207	349071

⁽¹⁾ The GM P/N for the M14-1.5 swiveling lug nut is 9591924. This type of nut is also called a two-piece flange nut or cone locking nut.

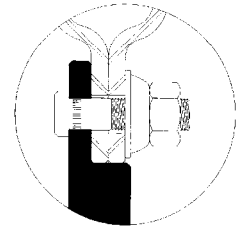
⁽²⁾ This wheel has a .453" valve hole and requires an HP600 series valve. 27756, 27994, 28177, and 28374 have a .625" valve hole and require an appropriate valve. Reference the Tire and Rim Association Book for applicable valve.

LIGHT TRUCK WHEELS



Hub-Piloted Dual-Mounting Use Only Ford Swiveling Lug Nut⁽¹⁾

8-Hole, 6½" Bolt Circle, 4.88" Bore
(Ford 3/4 & 1 Ton Typical)

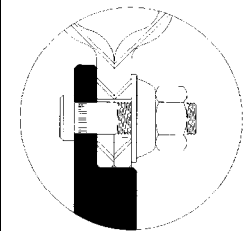


Item	Wheel Size	Rim Type	Part Number	Vent/ Hand Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	16 x 6K	5" DC	29577	4	5.00"	.258"	.453"	TR602HP	34	2200 – 65
2	16 x 6K	5" DC	29578	4	5.35"	.308"	.453"	TR602HP	37	2500 – 65
3	16 x 6K	5" DC	29579	8	5.15"	.308"	.453"	TR600HP	35	2500 – 80



Hub-Piloted Dual-Mounting Use Only Ford Swiveling Lug Nut⁽²⁾

8-Hole, 170mm Bolt Circle, 125.10mm Bore
(Ford F-Super Duty Typical)

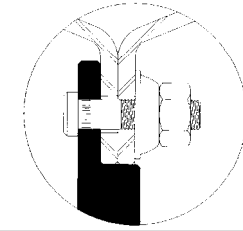


Item	Wheel Size	Rim Type	Part Number	Vent/ Hand Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
4	16 x 6K	5" DC	29583	4	5.35"	.330"	.453"	TR600HP	37	2600 – 80



Hub-Piloted Dual-Mounting Use Only Ford Swiveling Lug Nut⁽²⁾

10-Hole, 7¼" Bolt Circle, 5.46" Bore
(Ford F-Super Duty Typical)



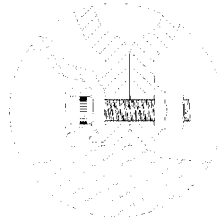
Item	Wheel Size	Rim Type	Part Number	Vent/ Hand Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
5	16 x 6K	5" DC	29581	4	5.35"	.312"	.453"	TR 602 HP	39	3045 – 80

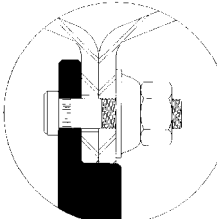
⁽¹⁾ The Ford P/N for the 9/16-18 swiveling lug nut is 391223. This type of nut is also called a two-piece flange nut or a cone locking nut.

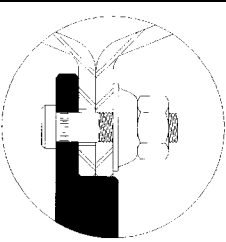
⁽²⁾ The Ford P/N for the M14 - 2.0 swiveling lug nut is N811599. This type of nut is also called a two-piece flange nut or a cone locking nut.

⁽³⁾ The Chrysler P/N for the 9/16-18 swiveling lug nut is 06034726. This type of nut is also called a two-piece flange nut or cone locking nut.

LIGHT TRUCK WHEELS

		ALUMINUM LIGHT TRUCK WHEEL Hub-Piloted Dual-Mounting Two-Piece Flange Nut 10-Hole, 225mm Bolt Circle, 170.10mm Bore						
Item	Wheel Size	Part Number	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	19.5 x 6.00	40018ANP 40018AOP 40018AIP 40018ABP	Machined Outside (Front) Inside (Outer Dual) Both Sides	5.35"	.598"	TR545D	32	3750 - 110

		Hub-Piloted Dual-Mounting Use Only Ford Swiveling Lug Nut⁽¹⁾ 10-Hole, 225mm Bolt Circle, 170.10mm Bore								
Item	Wheel Size	Rim Type	Part Number	Vent Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
2	19.5 x 6.00RW	15° Tbls	29884	5	5.35"	.375"	.453"	VS-902K	52	4000 - 115
3	19.5 x 6.75RW	15° Tbls	29879	5	5.50"	.375"	.625"	TR500	59	4000 - 115

		Hub-Piloted Dual-Mounting Use Only Ford Swiveling Lug Nut⁽¹⁾ 8-Hole, 225mm Bolt Circle, 170.10mm Bore (Ford F-Super Duty)								
Item	Wheel Size	Rim Type	Part Number	Hand Holes	Wheel Offset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
4	19.5 x 6.00RW ⁽²⁾	15° Tbls	29584	5	5.35"	.375"	.453"	TR 416 S	51	3750 - 115
5	19.5 x 6.75RW ⁽²⁾	15° Tbls	29585	5	5.50"	.375"	.625"	TR500	59	4000 - 115

⁽¹⁾ The Ford P/N for the M14 x 2.0 swiveling lug nut is N811599. This type of nut is also called a two-piece flange nut or a cone locking nut.

⁽²⁾ "RW" denotes revised well for increased brake clearance.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

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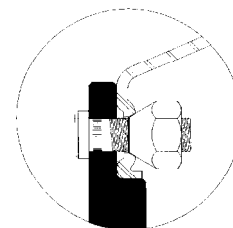
GENERAL
INFORMATION

LIGHT TRUCK WHEELS



Stud-Piloted Single-Mounting 60° Cone Nuts

8-Hole, 6½" Bolt Circle, 4.88" Bore
(Ford ¾ Ton Typical)

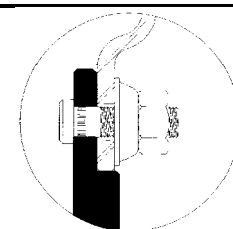


Item	Wheel Size	Rim Type	Part Number	Hand Holes	Wheel Inset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
1	16 x 7K	5° DC	29576	4	.250"	.201"	.453"	TR600HP	34	3045 – 80



Hub-Piloted Single-Mounting Use Only Ford Swiveling Lug Nut⁽¹⁾

8-Hole, 170mm Bolt Circle, 125.10mm Bore



Item	Wheel Size	Rim Type	Part Number	Vent Holes	Wheel Inset	Disc	Valve Hole Dia.	Recommended Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
2	16 x 7K	5° DC	29582	8	0.25"	.225"	.453"	TR600HP	35	3415 – 80
3	17 x 7.5J	5° DC	50277	5	40mm	.245"	.453"	TR600HP	39	3195 – 80
4	18 x 8J	5° DC	50276	5	40mm	.225"	.453"	TR600HP	44	3525 – 80

Hub-Piloted Single-Mounting Two-Piece Flange Nut

8-Hole, 6.5" Bolt Circle, 4.768" Bore

Item	Wheel Size	Part Number	Valve	Wheel Offset	Approx Wt. (lbs)	Maximum Load & Infl. (lbs) - (psi)
5	17.5 x 6.75	40169AOP	TR-542	0.00"	29	6050 - 130

⁽¹⁾ Nuts & bolt hole chamfers have a 22 mm spherical radius.

⁽²⁾ "RW" denotes revised well for increased brake clearance.

LIGHT TRUCK WHEELS

Cross-reference from NWRA Part Numbers

ACCURIDE Part Number	NWRA Part Number	ACCURIDE Part Number	NWRA Part Number	ACCURIDE Part Number	NWRA Part Number
29576	X-45453	29581	X-45462	29585	X-45465
29577	X-45458	29582	X-45454	29587	X-45467
29578	X-45459	29583	X-45463	29588	X-45477
29579	X-45460	29584	X-45464		

APPLICATION CHART - LIGHT TRUCK WHEELS

Application Chart - Light Truck Wheels						
Model Year	Model & Series	Wheel Size	Holes & Bolt Circle	Wheel Offset	Maximum Load & Infl. (lbs) - (psi)	ACCURIDE Part Number
CHEVROLET/GMC						
1975-99	C, COPO, P - Dual	19.5 x 6.00	8H, 6 1/2"	5.00"	2540 - 80	29015
1976-00	C/K 3500, P - Dual	16 x 6K	8H, 6 1/2"	5.00"	2440 - 80	29587 ⁽¹⁾
1996-05	C/K 3500HD - Dual	19.5 x 6.00	10H, 7 1/4"	5.08"	3000 - 95	29667
2001-05	C/K 3500 - Dual	16 x 6.5J	8H, 6 1/2"	5.00"	2440 - 80	29588
CHEVROLET/GMC - Van						
1989-02	G-Van - Dual	16 x 6K	8H, 6 1/2"	5.00"	2440 - 80	29587 ⁽¹⁾
2005	G-Van - Dual	16 x 6.5J	8H, 6 1/2"	5.00"	2440 - 80	29588
FORD F-Series						
- Single Wheels						
1967-91	F250/350 Single	16 x 6K	8H, 6 1/2"	0.50"	3045 - 80	29576 ⁽²⁾
1992-97	F250/350 Single	16 x 7K	8H, 6 1/2"	0.25"	3045 - 80	29576
1998-04	F250/350 Single	16 x 7K	8H, 170mm	0.25"	3415 - 80 Rear	29582
	F250/350 Single	16 x 7K	8H, 170mm	0.25"	3000 - 80 Front	29582
2005 - 07	F250/350 Single	17 x 7.5J	8H, 170mm	40 mm	3195 - 80	50277
2005 - 07	F250/350 Single	18 x 8.0J	8H, 170mm	40 mm	3525 - 80	50276
- Dual Wheels						
1984-97(4)	F350	16 x 6K	8H, 6 1/2"	5.00"	2200 - 65	29577
1985-97	F350 4 x 4	16 x 6K	8H, 6 1/2"	5.35"	2500 - 65	29578
1988-97	F-Super Duty	16 x 6K	10H, 7 1/4"	5.35"	3045 - 80	29581
1998-04	F350 Dual	16 x 6K	8H, 170mm	5.35"	2600 - 80	29583
1998-04	F-Super Duty & Motorhome	19.5 x 6.00	8H, 225mm	5.35"	3750 - 115	29584
1998-04	Motorhome	19.5 x 6.75	8H, 225mm	5.50"	3750 - 115	29585
2005	F450/550	19.5 x 6.0RW	10H, 225mm	5.35"	3750 - 115	29884
2005	Motorhome	19.5 x 6.75	10H, 225mm	5.50"	4000 - 115	29879
FORD Econoline Van						
- Single Wheels						
2003-06	E150 Single	16 x 7J	5H, 5 1/2"	12mm	2000 - 41	50274
1985-91	E250/350 Single	16 x 6K	8H, 6 1/2"	0.50"	3045 - 80	29576 ⁽²⁾
1992-07	E250/350 Single	16 x 7K	8H, 6 1/2"	0.25"	3045 - 80	29576
- Dual Wheels						
1985-91	E350	16 x 6K	8H, 6 1/2"	5.00"	2200 - 65	29577
1992-07	E350 - 8 Vent Hole	16 x 6K	8H, 6 1/2"	5.15"	2500 - 80	29579
2002-03	E550	19.5 x 6.00	8H, 225mm	5.35"	3750 - 115	29584

⁽¹⁾ This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.

⁽²⁾ Replaced 29575, offset is slightly different.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

DUPLICATE DISC®
WHEELS/DUPLICATE®
DEMOUNTABLE RIMS

LIGHT TRUCK
WHEELS

BOLT-TOGETHER
SPECIALTY
WHEELS

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BOLT-TOGETHER SPECIALTY WHEELS



BOLT-TOGETHER
SPECIALTY
WHEELS

ACCURIDE
WHEELS

ACCURIDE 5° BOLT-TOGETHER SPECIALTY WHEELS



Accuride offers a wide variety of steel and aluminum bolt-together wheels for specialty and military applications.

Contact your Accuride sales representative for more information.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

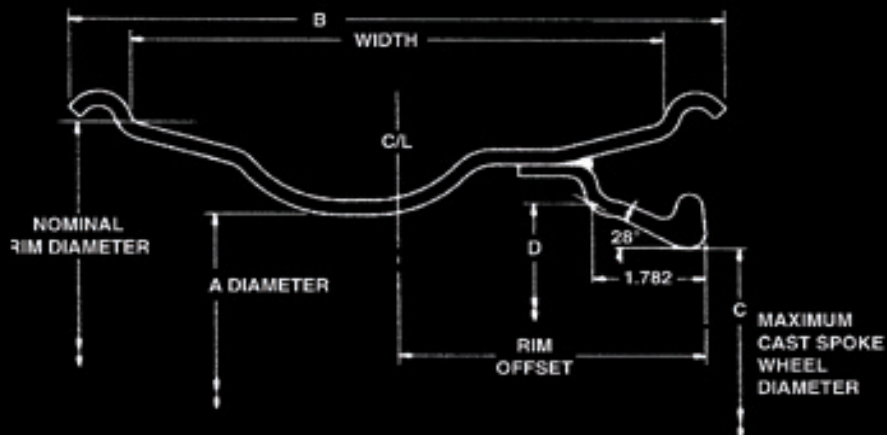
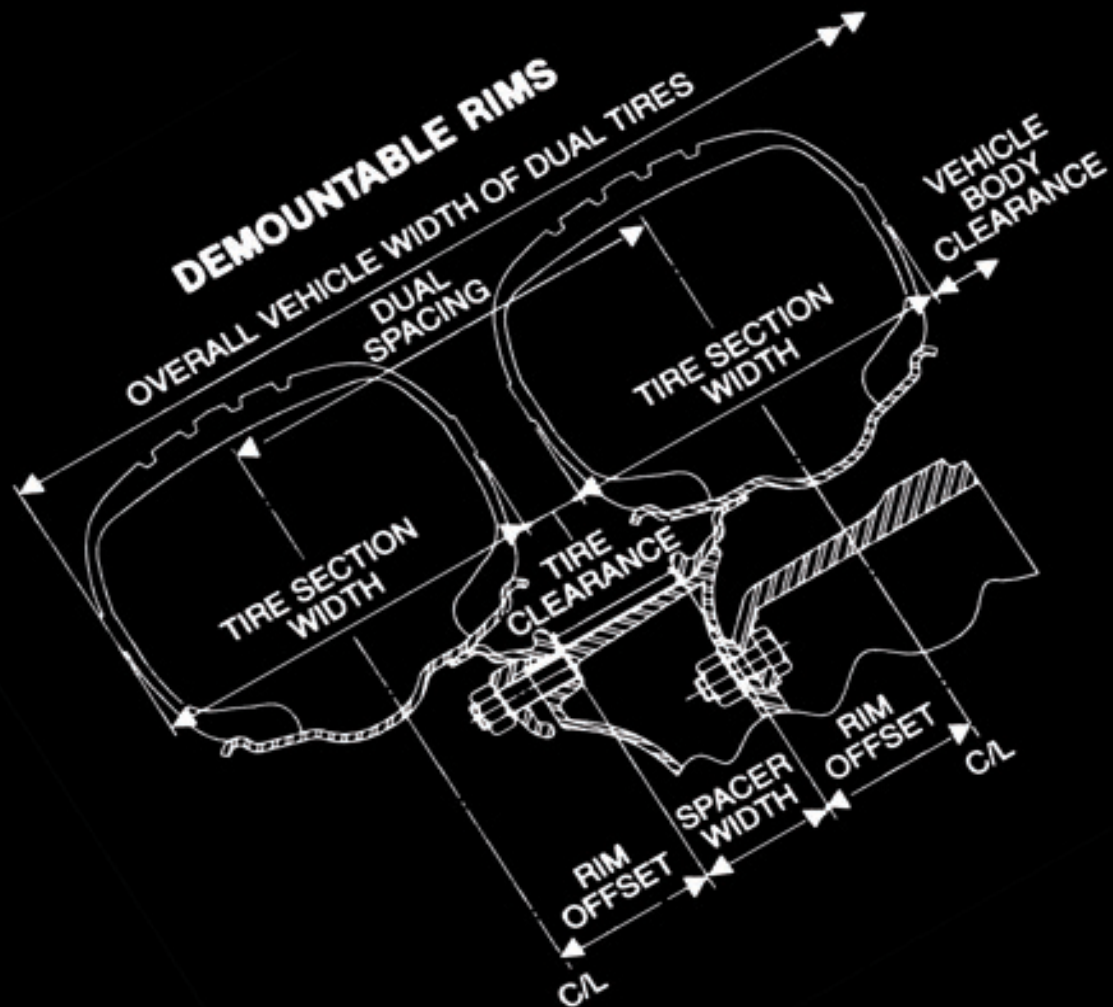
DUPLEX DISC®
WHEELS/DUPLEX®
DEMOUNTABLE RIMS

LIGHT TRUCK
WHEELS

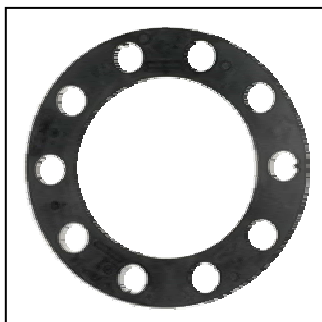
**BOLT-TOGETHER
SPECIALTY
WHEELS**

GENERAL
INFORMATION

GENERAL INFORMATION



WHEEL-GUARD® SEPARATOR PLATE



590-1



590-3

The Wheel-Guard Separator Plate is approximately .040" thick. It is placed between the hub or drum and the wheel, and/or between two wheels in dual applications. Not to be installed between hub and brake drum. The Wheel-Guard is recommended in severe applications where corrosion and/or wear have been identified. Both aluminum and steel wheels can benefit from use of the Wheel-Guard. Care must be exercised in centering the separator plate prior to torquing, and stud length must be checked as each plate is approximately .040" thick.

Item	Part Number	Bolt Circle	Application
1	790-2	8 hole - 275mm	hub-piloted; 22mm diameter studs
2	100065	10 hole - 225mm	hub-piloted; 14mm diameter studs
3	590-3	10 hole - 285.75mm	hub-piloted; 22mm diameter studs
4	738-1	10 hole - 335mm	hub-piloted; ISO European Mount, 22mm diameter studs
5	590-2	10 hole - 11¼"	stud-piloted; ¾" diameter studs
6	590-1	10 hole - 11¼"	stud-piloted; 7/8" and 1 1/8" diameter studs

Available Accuride Educational, Informational, and Training Items

ITEM DESCRIPTION	ITEM DESCRIPTION
CATALOGS Wheel and Rim Catalog - English SAFETY AND SERVICE MANUALS Safety/Service Manuals - English Safety/Service Manuals - Spanish Safety/Service Manuals - French	VIDEO (DVD) "Servicing Single and Multi-Piece Wheels" (BLUE) "Servicing and Maintaining Disc Wheels" (GREEN) "Accu-Forge Aluminum Wheels - The Bright Performers" (PURPLE) "Servicing and Maintaining Demountable Rims" (ORANGE)
CHARTS Accuride Rim & Ring Matching Wall Chart Hub-Piloted/Stud-Piloted Wheel Mounting System Identification Chart Wheel Out of Service Wall Chart WRIS Nut Torque Chart	OTHER Hub-Piloted, 8-Hole, 275mm Bolt Circle chassis label Hub-Piloted, 10-Hole, 285.75mm Bolt Circle chassis label Nut and Chamfer Gage Kit (P/N 5400) Accuride touch up spray paint can (grey #5411, white #5412, black #5413) Aluminum Wheel Flange Wear Gauge #5401 Accuride Touch Up Pens (Gray 5416, White 5417, Black 5415)

The Accuride Rim/Wheel Safety & Service Manual and other educational, informational, and training items are available. Please write to Literature Distribution, Accuride Corporation, 7140 Office Circle, Evansville IN, 47715 or call 800-626-7096 to receive free copies. Outside the US call 812-962-5000.

RECOMMENDED NUT TORQUE

MOUNTING	THREAD SIZE	TORQUE FT.-LBS.	NUT TYPE
LIGHT TRUCK			
10-Hole, 7.25" Hub-Piloted (Ford) (5.47" Bore)	9/16 - 18	125 - 165	Two piece flange
10-Hole, 7.25" Hub-Piloted (Chevy) (5.25" Bore) - With Clamping Plate	5/8 - 18	171 - 179	90° cone ⁽¹⁾ With Clamping Plate
8-Hole, 6.50" I.O.C. (Ford)	9/16 - 18	175 - 200	90° cone
	5/8 - 18	175 - 200	90° cone
8-Hole, 6.50" (Chrysler)	9/16 - 18	125 - 165	Two piece flanged
8-Hole, 6.50" (Chrysler)	5/8 - 18	275 - 325	One piece flanged
8-Hole, 6.50" Hub-Piloted (Ford) (4.88" Bore)	9/16 - 18	125 - 165	Two piece flange
	5/8 - 18	130 - 170	Two piece flange
8-Hole, 6.50" Stud-Piloted (Ford) (4.88" Bore) - Single Wheel	9/16 - 18	130 - 150	60° cone
8-Hole, 6.50" Hub-Piloted (Chevy)	M14 x 1.5	110 - 120	Two piece flange
8-Hole, 6.50" Hub-Piloted (Chevy) (4.56" Bore) - With Clamping Plate	9/16 - 18	136 - 144	90° cone ⁽¹⁾
	M14 x 1.5	136 - 144	With Clamping Plate
8-Hole, 6.50" Hub-Piloted (Chevy) (4.60" Bore)	M14 x 1.5	136 - 144	Two piece flange
8-Hole, 170mm, Hub-Piloted (Ford) (125.10mm Bore)	M14 x 2.0	150 - 160	Two piece flange
8-Hole, 225mm Hub-Piloted (Ford) (170.10mm Bore)	M14 x 2.0	150 - 160	Two piece flange
6-Hole, 8.75" Stud-Piloted	3/4 - 16	450 - 500	.875" spherical radius
	1 - 1/8 - 16	450 - 500	.875" spherical radius
6-Hole, 222.25mm Stud-Piloted Japanese .866" Nut Type	M20 x 1.5	325 - 400	.866" spherical radius
MEDIUM/HEAVY TRUCK, TRAILER AND BUS			
10-Hole, 13 3/16" HD Stud-Piloted	15/16 - 12	750 - 900	1.187" spherical radius
	1 - 5/16 - 12	750 - 900	1.187" spherical radius
10-Hole, 335mm Hub-Piloted	M22 x1.5	450 - 500	Two piece flange
10-Hole, 11 1/4" Stud-Piloted	3/4 - 16	450 - 500	.875" spherical radius
	1 - 1/8 - 16	450 - 500	.875" spherical radius
10-Hole, 11 1/4" Hub-Piloted (Bus Mount)	3/4 - 16	300 - 350	Two piece flange
	7/8 - 14	350 - 400	Two piece flange
10-Hole, 285.75mm Hub-Piloted	M22 x1.5	450 - 500	Two piece flange
10-Hole, 8.75" Hub-Piloted	11/16 - 16	300 - 400	One piece flanged
10-Hole, 8.75" Stud-Piloted	3/4 - 16	450 - 500	.875" spherical radius
	1 - 1/8 - 16	450 - 500	.875" spherical radius
10-Hole, 200mm Hub-Piloted (Ford)	M14 x 2.0	150 - 160	Two piece flange
10-Hole, 225mm Hub-Piloted (Ford)	M14 x 2.0	150 - 160	Two piece flange
8-Hole, 285mm Stud-Piloted Japanese	Check truck manufacturer for torque details		
8-Hole, 275mm Hub-Piloted	M20 x1.5	280 - 330	Two piece flange
	M22 x1.5	450 - 500	Two piece flange
Demountable Rims	3/4 - 10	200 - 260	Flat nut

⁽¹⁾These nuts can only be used with a clamping plate. Do not use 90° cone nuts against the disc face. **Note:** Hub, stud and spoke wheel manufacturers may have different torque requirements. Consult Accuride Field Engineering at 800-869-2275 if torque recommendations conflict. Refer to Accuride's Rim/Wheel Safety & Service Manual for information on torque and nut tightening sequence.

ALUMINUM WHEEL HAND HOLE SIZE BY PART NUMBER

1.5"

29369	29683
29374	29660
29376	40012
29378	40016
29380	

2.5"

29555
29644

2.0"

27599	28844
28608	29604
28613	29329
28615	29348
28632	29730
28640	40008
28841	

2.75"

40550
41362
41644

2.2"

29560
29562
40014

2.36"

40010

2.8"

29362
29670

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

DUPLEX DISC®
WHEELS/DUPLEX®
DEMOUNTABLE RIMS

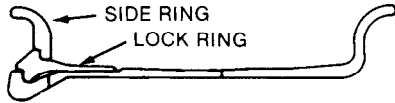
LIGHT TRUCK
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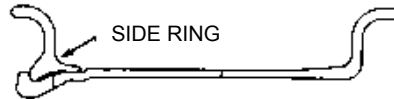
TYPES OF ACCURIDE RIMS, RINGS, AND TYPICAL DISC-TO-RIM ATTACHMENT LOCATIONS

**5° RADIAL COMMANDER®
3-PIECE TUBE-TYPE RIMS**



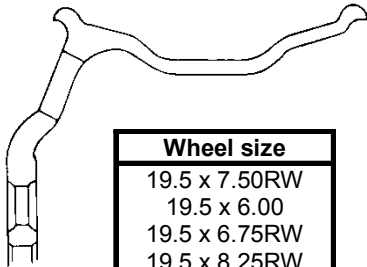
Rim size	Type
20 x 7.5	5°
20 x 8.0	5°
22 x 8.0	5°
24 x 8.0	5°
24 x 8.5	5°

**FL 2-PIECE CONVERTIBLE
TUBE-TYPE RIMS**



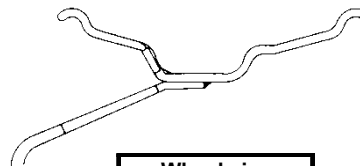
Rim size	Type
20 x 7.5	FL

**15° TUBELESS
ALUMINUM WHEELS**



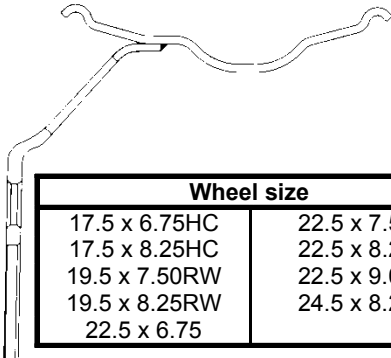
Wheel size
19.5 x 7.50RW
19.5 x 6.00
19.5 x 6.75RW
19.5 x 8.25RW
22.5 x 7.50
22.5 x 8.25
22.5 x 9.00
24.5 x 8.25

**15° TUBELESS STEEL WHEELS
(Welded on Well)**



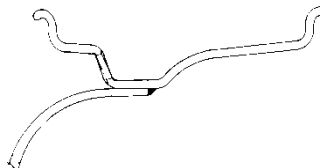
Wheel size
19.5 x 6.00
19.5 x 6.00RW
19.5 x 6.75RW

**15° TUBELESS STEEL WHEELS
(Welded on Ledge)**



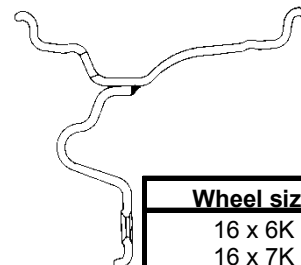
Wheel size	Wheel size
17.5 x 6.75HC	22.5 x 7.50
17.5 x 8.25HC	22.5 x 8.25
19.5 x 7.50RW	22.5 x 9.00
19.5 x 8.25RW	24.5 x 8.25
22.5 x 6.75	

**5° DROP CENTER
DUAL STEEL WHEEL**



Wheel size
16 x 6K
16 x 6.5J
16 x 7K
17 x 6K
17 x 7.5J
18 x 8J

**5° DROP CENTER
SINGLE STEEL WHEEL**



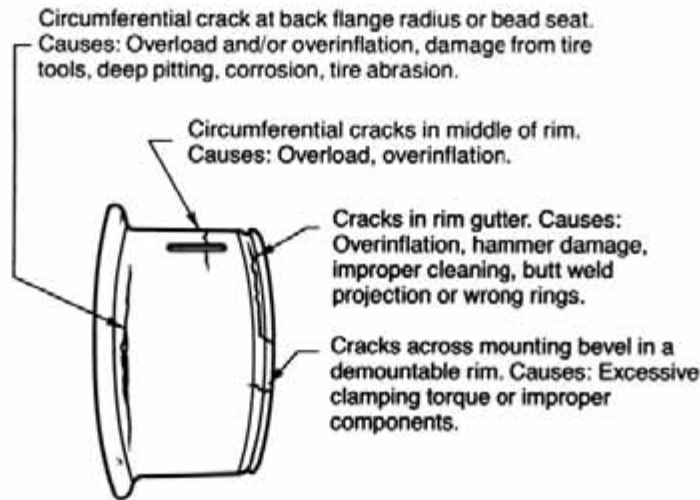
Wheel size
16 x 6K
16 x 7K

NOTE: For Duplex®, See page 25

HOW TO IDENTIFY DAMAGED RIMS/WHEELS

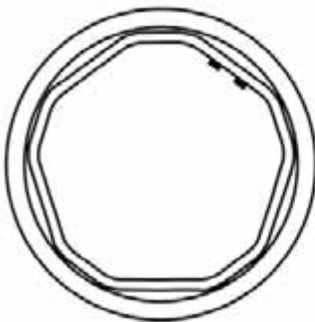
Rim/wheel components can become damaged. Check all metal surfaces for rust or corrosion buildup, cracks in metal, bent flanges and side rings, deep rim tool marks on rings or in gutter areas. Watch for the problems illustrated in the following two pages and take the corrective actions to prevent further problems. Remember, it is dangerous to assemble cracked, bent, severely corroded, or sprung rim/wheel components. Such items should be destroyed and discarded.

RIM BASE CRACKS

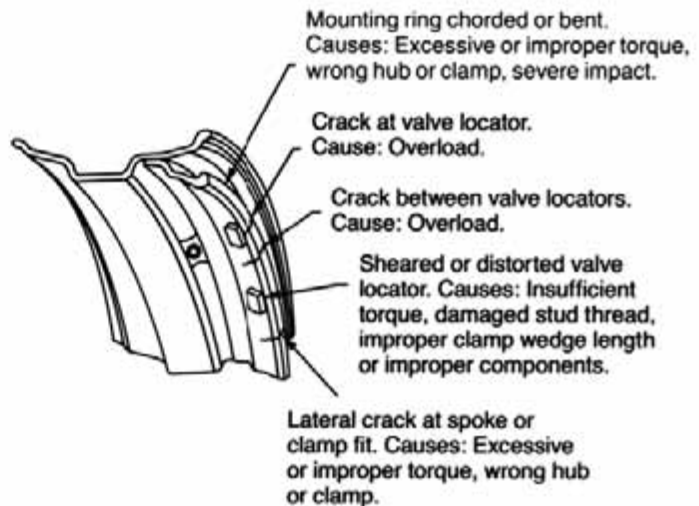


RIM BASE DISTORTION

Flange or rim gutter chorded or bent. Causes: Excessive or improper torque, wrong hub or clamp, severe impact, run flat or hammering on rim gutter.



MOUNTING RING PROBLEMS



HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
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HOW TO IDENTIFY DAMAGED RIMS/WHEELS

DISC WHEEL CRACKS/BOLT HOLE DISTORTION



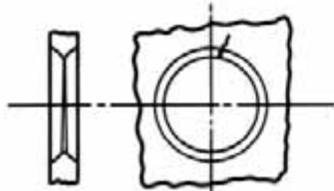
Handhole to handhole.
Handhole to bolt hole.
Handhole to rim.
Cause: Overloading.



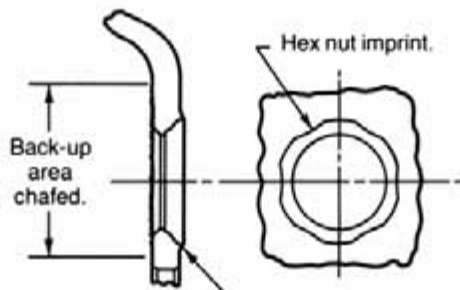
Bolt hole to bolt hole.
Causes: Loose cap nuts,
small hub backup (also
see bolt hole cracks/distortions).



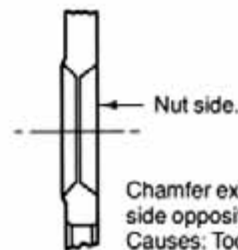
Cracks at disc nave
and/or handhole.
Causes: Bad fit-up,
damaged hub,
overload or sharp
edge at handhole.



Crack originating from thin
edge of stud hole. Cause:
Damaged or worn-out at
chamfers.

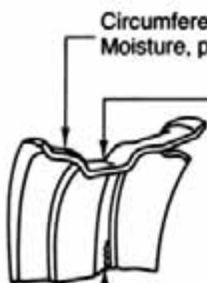


Chamfer enlarged or wallowed out
by nut. Causes: Loose cap nuts or
insufficient nut torque due to damaged
threads, improper torquing or by worn-
out nut.



Chamfer extruded on
side opposite nut.
Causes: Too much
torque or improper nut.

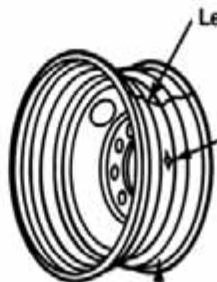
TUBELESS RIM LEAKS



Circumferential cracks at bead seat. Causes:
Moisture, pitting and erosion by the tire bead.

Circumferential cracks in well radius.
Causes: Overload or overinflation.
Corrosion due to water from the air
lines, improper mounting lubricant,
balance or sealer.

Circumferential cracks at attachment
weld. Causes: Overload, overinflation
or loose mounting on vehicle.
Note: Wheel with well welded discs
may not be approved for use with
radial tires.



Leak at butt weld. Cause: Overload.

Leak at valve hole. Causes:
Damage or severe
corrosion.

Leak under tire bead, groove
or ridge across bead seat.
Causes: Corrosion, tire tool
marks, bent flange or other
damage.

CHANGEOVER FROM CONVENTIONAL TO WIDE BASE TUBELESS TIRES

FRONT APPLICATIONS

Required Information for Duplex® Changeover Calculations			
Determine the following information and insert into the calculation below			
OBTAIN THIS INFORMATION FROM THE TRUCK and THE CHOICE FOR THE NEW WIDE BASE TIRE		OBTAIN THIS INFORMATION FROM THE ACCURIDE CATALOG AND/OR TIRE DATA BOOK	
Existing Wheel/Rim Part Number		Existing Wheel Inset or Rim Offset ⁽¹⁾	
Existing Tire Size		Existing Tire Section Width ⁽²⁾	
Proposed Wide Base Tire Size		Proposed Wide Base Tire Section Width ⁽³⁾	
Existing Overall Width (See Figure 1 - page 42)			

(1) Determine the existing wheel inset or rim offset from the part number and the catalog information.

Inset is offset minus disc thickness

(2) Determine the existing tire section width from the chart on page 45.

(3) Determine the proposed wheel/rim width and wide base tire section width from the chart on page 43.

The new Duplex® wheel inset or rim offset is determined by inserting the above information into the following calculation.

Wide Base Changeover Calculation

$$\begin{array}{ccccccc}
 \text{Existing} & & \text{Existing} & & & & \text{Proposed} \\
 \text{Wheel Inset} & + & \text{Tire Section} \div 2 & = & & - & \text{Wide Base Tire} \div 2 \\
 \text{or Rim Offset} & & \text{Width} & & & & \text{Section Width} \\
 & & & & & & \text{NEW DUPLEX®} \\
 & & & & & & \text{WHEEL INSET OR} \\
 & & & & & & \text{RIM OFFSET} \\
 \hline
 \boxed{} & + & \boxed{} & = & \boxed{} & - & \boxed{} = \boxed{}
 \end{array}$$

Refer to the Duplex part number listings on pages 23-25 and choose the next smaller available wheel inset or rim offset for this application. This choice will maintain the existing inside clearance between the tire or wheel/rim and the frame/suspension. If adequate inside clearance exists, the next larger wheel inset or rim offset may be chosen.

The change in the overall width of the vehicle should be determined to verify that the new width is not over the maximum allowed by law. Use the following calculation to determine the new overall width. This new width should be checked against federal, state, and local regulations to assure compliance with maximum width restrictions.

$$\begin{array}{ccccccc}
 \boxed{\text{Existing Overall Width}} & +2x & \boxed{\text{Existing Wheel Inset or Rim Offset}} & - & \boxed{\text{Existing Tire Section Width}} & -2x & \boxed{\text{New Duplex® Wheel Inset or Rim Offset}} & + & \boxed{\text{Wide Base Tire Section Width}} & = & \boxed{\text{NEW OVERALL WIDTH}} \\
 \hline
 \boxed{} & +2x & \boxed{} & - & \boxed{} & -2x & \boxed{} & + & \boxed{} & = & \boxed{}
 \end{array}$$

It is recommended that the wheel/rim be mounted on the truck without the tire to verify clearances prior to tire mounting. Products which have had a tire mounted may not be returned.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

DUPLEX DISC®
WHEELS/DUPLEX®
DEMOUNTABLE RIMS

LIGHT TRUCK
WHEELS

BOLT-TOGETHER
SPECIALTY
WHEELS

GENERAL
INFORMATION

CHANGEOVER FROM CONVENTIONAL TO WIDE BASE TUBELESS TIRES FRONT APPLICATIONS CONTINUED

Wide Base Tire Section Width and Dimension Chart

Information from The 2011 Tire & Rim Association Yearbook

Tire Size	Rim Width	Tire Section Width
15★19.5, 22.5	12.25	15.50
445/50★22.5	14.00	17.52
385/65★22.5	12.25	15.51
16.5★19.5, 22.5	13.00	16.75
	12.25	16.45 ⁽¹⁾
425/65★22.5	12.25	16.61
	13.00	16.91 ⁽¹⁾
445/65★19.5	13.00	17.48
	12.25	17.18
445/65★22.5	13.00	17.48 ⁽¹⁾
	14.00	17.88
18★19.5, 22.5	13.00	17.60

⁽¹⁾This value was calculated by the following formula: Tire section width will change 0.1" each 1/4" change in rim width from the design rim width.

⁽²⁾ A ★ denotes both radial and bias tires.

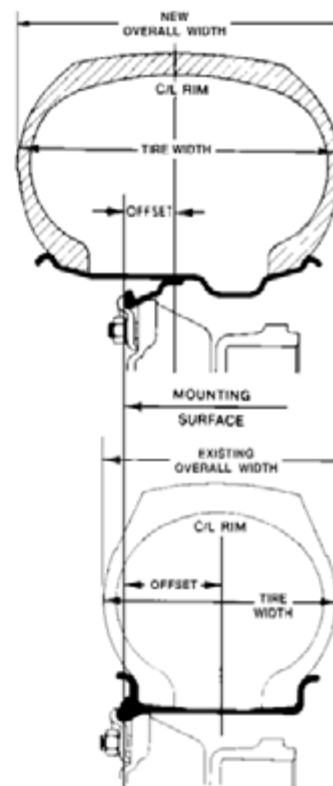


Figure 1

REAR APPLICATIONS

Since the space requirements are less for one tire, offset is selected to track the tire in the desired location. Following are the most common options:

1. **Wide Track** – Where overall width is maintained.
2. **Centerline Alignment** – Track is the same as with dual tires.
3. **Inside Alignment** – Inside clearance is maintained.

Duplex® Demountable Rims Rear Application Chart

Rim Size	Vehicle Track Change From Duals ⁽²⁾	Spacer Width Replaced ⁽³⁾	Part Number
22.5 x 12.25	Increase 0.75"	4"	31658
22.5 x 13.00	No Change	4"	31659
	Increase 5.50"	4"	28551

⁽²⁾ The vehicle track width will increase from duals as shown when the rim is mounted with the part number stamped outboard. The part number is stamped on the underside of the bead-seat as illustrated on the right. The rims that provide "no change" in vehicle track width from duals may be installed either way for best valve access. If those rims which reflect an increase in vehicle track width are reversed on cast spoke wheels, track will be decreased by the amount indicated and vehicle stability may be affected.

⁽³⁾ This dimension determines the clamp and spacer match on a given spoke length. The cast spoke wheel must be designated for 20" diameter rims with 8.0" or less width.

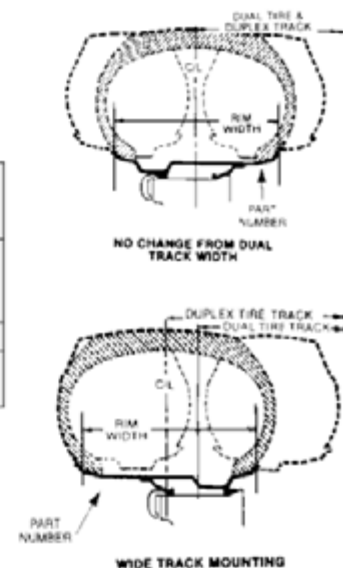


Figure 2

SELECTED DUPLEX® CHANGEOVER APPLICATIONS 385/65R22.5 TIRE SIZE

Factors which may effect fitment:

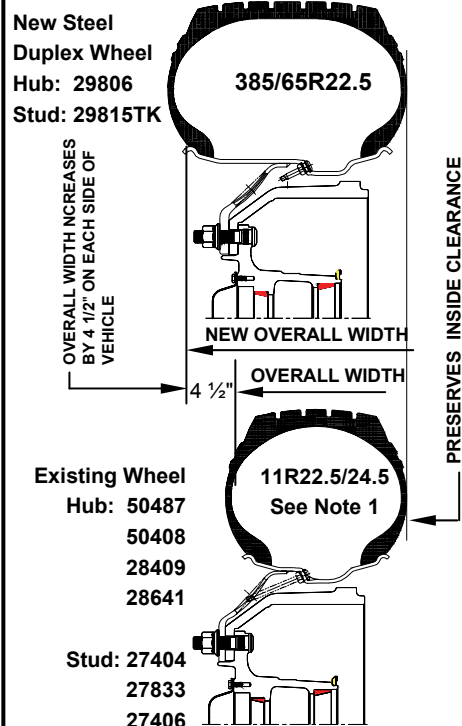
- Drum clearance on older applications
- Inside clearance
- Maximum outside track (overall width)(max is usually 102")

Use the following recommendations:

- Inside clearance will be preserved and the outside track will increase by 9"
- **For Hub-Piloted steel wheel applications:**
 - 12.25 width - 29806
- **For Stud-Piloted steel wheel applications:**
 - 12.25 width - 29815TK

Alternative Recommendation

- The new overall width will be increased 7½" and the inside clearance will be reduced by ¾"
- **For Hub-Piloted steel wheel applications:**
 - 12.25 width - 29807
- **For Stud-Piloted steel wheel applications:**
 - 12.25 width - 29816



SELECTED DUPLEX® CHANGEOVER APPLICATIONS 425/65R22.5 TIRE SIZE

Factors which may effect fitment:

- Drum clearance on older applications
- Inside clearance
- Maximum outside track (overall width)(max is usually 102")

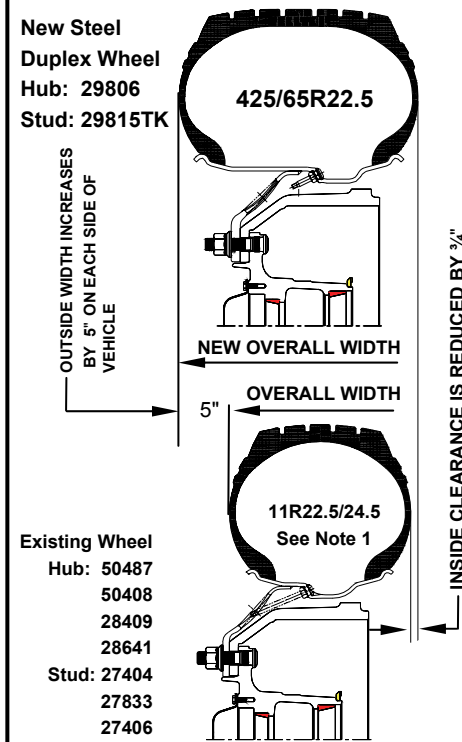
Use the following recommendations:

Note that the inside clearance will be reduced by ¾" and the outside track will increase by 10"

- **For Hub-Piloted steel wheel applications:**
 - 12.25 width - 29806
- **For Stud-Piloted steel wheel applications:**
 - 12.25 width - 29815TK

Alternative Recommendation

- The new overall width will be increased 8½" and the inside clearance will now be reduced by 1½".
- **For Hub-Piloted steel wheel applications:**
 - 12.25 width - 29807
- **For Stud-Piloted steel wheel applications:**
 - 12.25 width - 29816



Note 1: Changeover also applies to 275/80 and 295/75 low profile tires.

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

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TUBELESS & TUBE-TYPE
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SELECTED DUPLEX® CHANGEOVER APPLICATIONS TO ALUMINUM

Factors which may effect fitment:

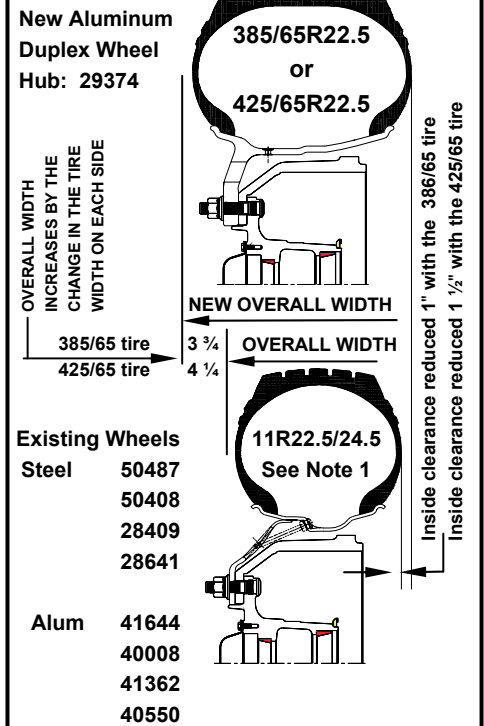
- Drum clearance
- Inside clearance
- Maximum outside track (width) (max is usually 102")

Use the following recommendations:

- Hub-Piloted applications only
 - 29374AOP
- New overall width is increased as follows:
 - 385/65R22.5 tire - 3 3/4" each side of the vehicle
 - 425/65R22.5 tire - 4 1/4" each side of the vehicle
- Reduces the inside clearance as follows:
 - 385/65R22.5 tire - approx 1"
 - 425/65R22.5 tire - approx 1 1/2"

Alternative recommendation:

- Hub-Piloted applications only
 - 29683AOP
- Overall width increases an additional 2" each side from the dimensions shown above and in the sketch.
- Inside clearance is not changed from original.



SELECTED DUPLEX® CHANGEOVER APPLICATIONS – DRIVE/TRAILER

Factors which may effect fitment:

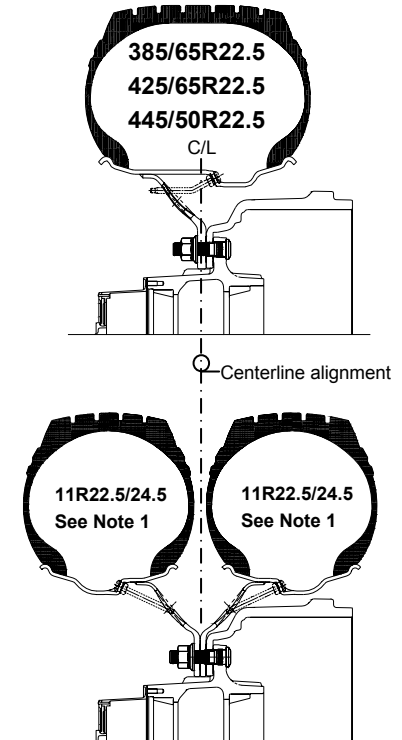
- Drum clearance on older applications
- Centerline alignment is recommended for best distribution of bearing loads. If outside alignment changeovers are preferred, bearing loading should be verified with axle manufacturer.

385/65R22.5 & 425/65R22.5 Recommendations:

- Hub-Piloted applications:
 - 12.25 width - Steel 29805; Aluminum 29378AOP (385 & 425 Tires)
 - 13.00 width - Steel 29146; Aluminum 29380AOP (425 Tire Only)
- For Stud-Piloted applications:
 - 12.25 width - Steel 29211 (385 & 425 Tires)
 - 13.00 width - Steel 29216 (425 Tire Only)

445/50R22.5

- **Tractor Applications**
 - Hub-Piloted applications:
 - 14.00 width - Steel 29627; Aluminum 41660
- **Trailer Applications**
 - Hub-Piloted applications:
 - 14.00 width - Steel 50172; Aluminum 41016



Note 1: Changeover also applies to 275/80 and 295/75 low profile tires.

DUAL SPACING OF WHEELS

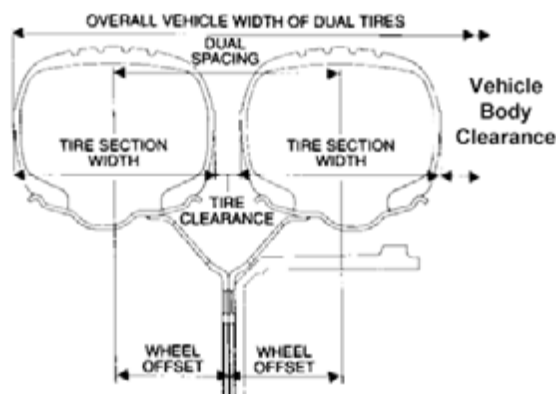
As shown in the diagram below, the sum of the wheel offsets of the two wheels used equals the dual spacing. The recommended minimum dual spacing for tire clearance is shown in the chart to the right.

Tire clearance can be calculated by subtracting one tire section width from the sum of the two wheel offsets. This information is found in tire data books (also see chart). For more accuracy, the grown tire width at the rated load can be used instead of the new tire section width. This dimension can be obtained either by actual measurement of the tire width (including protective side ribs) or by referring to the tire manufacturer's data book.

In addition to determining tire clearance, the wheel offset directly affects two other important dimensions: (1) the vehicle clearance and (2) the overall vehicle width of tires (see diagram below).

Vehicle body clearance, which is the distance from the inside tire to the spring or other body structures, will change proportionally to any change in offset of the inside wheel.

The overall vehicle width of tires is the distance from the outside tire wall of one tire to the outside tire wall of the tire on the opposite end of the axle. This dimension will be altered correspondingly by an increase or decrease in wheel offset. Overall vehicle width will change proportionally to any offset changes of the wheel, if the tire projects beyond the body structure. The maximum vehicle width is regulated by law.



2011 Wheel Selection And Tire Spacing

Information from The Tire & Rim Association Yearbook

Tire Sizes ⁽¹⁾	Design Rim Width ⁽²⁾	Tire Section Width ⁽³⁾	Minimum Dual Spacing ⁽³⁾
Light Truck			
7.50★16LT	6.00	8.65	10.00
LT265/70★17	8.00	10.00	12.44
LT225/75★16	6.00	8.78	10.20
LT245/75★16	7.00	9.76	11.34
LT265/75★16	7.50	10.51	12.20
LT285/75★16	8.00	11.26	13.07
LT235/80★17	6.50	9.25	10.75
LT215/85★16	6.00	8.50	9.88
LT235/85★16	6.50	9.25	10.75
LT255/85★16	7.00	10.04	11.65
8.00★16.5	6.00	8.00	9.00
8.75★16.5	6.75	8.75	9.90
9.50H16.5	6.75	9.50	10.70
Medium And Heavy Truck			
7.50★15TR, 20	6.00	8.45	9.60
8.25★15TR, 20	6.50	9.30	10.60
9.00★15TR, 20	7.00	10.20	11.60
10.00★15TR, 20, 22	7.50	10.95	12.50
11.00★15TR, 20, 22, 24	8.00	11.55	13.20
12.00★20, 24	8.50	12.40	14.10
13.00★20	9.00	13.40	16.20
14.00★20, 24	10.00	14.75	17.70
8★17.5HC, 19.5, 22.5	6.00	8.00	9.10
225/70★19.5	6.75	8.90	10.00
9★17.5HC, 22.5	6.75	9.00	10.30
235/80★22.5	6.75	9.17	10.31
245/70★19.5	7.50	9.76	10.98
245/75★22.5	7.50	9.76	10.98
255/70★22.5	7.50	10.04	11.30
10★17.5HC, 22.5	7.50	10.00	11.40
265/70★19.5	7.50	10.31	11.61
265/75★22.5	7.50	10.31	11.61
275/80★22.5, 24.5	8.25	10.87	12.24
11★17.5HC, 22.5, 24.5	8.25	11.00	12.50
285/75★24.5	8.25	11.14	12.52
295/75★22.5	9.00	11.73	13.19
305/70★19.5	9.00	12.01	13.50
305/75★22.5	9.00	12.01	13.50
12★22.5, 24.5	9.00	11.80	13.50
12.5★22.5	9.00	11.90	13.60
12.75★22.5	9.00	12.27	---
315/80R22.5	9.00	12.28	13.82

(1) A ★ denotes both radial and bias tires.

(2) For additional approved rim contours and widths see page 48.

(3) Tire section width and minimum dual spacings will change 0.1" for each 1/4" change in rim width from the design rim width.

DUAL SPACING OF DEMOUNTABLE RIMS

As shown in the diagram, the sum of the offsets of the two rims used, plus the width of the spacer band, equals the dual spacing of the demountable rim assembly. The recommended minimum dual spacing for each tire and rim combination is shown in the chart to the right. More spacing is required when tire chains are to be used.

The tire clearance can be calculated by subtracting one tire section width from the dual spacing (this information is found in Tire Data Books and the chart on this page). For more accuracy, the grown tire width at the rated load can be used instead of the new tire section width. This dimension can be obtained either by actual measurement of the tire width (including protective side ribs) or by referring to the tire manufacturer's data book.

If there is sufficient spoke length on the rear spoke wheel, spacing and tire clearance can be increased (by changing the spacer band width) (see pages 19 and 49). The clamp length must also be changed.

In addition to determining tire clearance, rim offset directly affects two other important dimensions: (1) vehicle clearance and (2) the overall vehicle width of the tires.

Vehicle body clearance, which is the distance from the inside tire to the spring or other body structures, will change proportionally to any change in offset of the inside rim.

The overall vehicle width of tires is the distance from the outside tire wall of one tire to the outside tire wall of the tire on the opposite end of the axle. This dimension will be altered correspondingly by an increase or decrease in rim offset. Overall vehicle width will change proportionally to any offset changes of the rim, if the tire projects beyond the body structure. The maximum vehicle width is restricted by law.

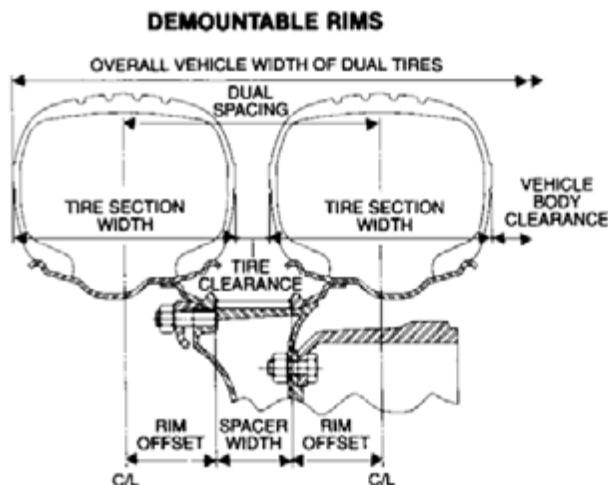
2011 Wheel Selection And Tire Spacing
Information from The Tire & Rim Association Yearbook

Tire Sizes ⁽¹⁾	Design Rim Width ⁽²⁾	Tire Section Width ⁽³⁾	Minimum Dual Spacing
Medium And Heavy Truck			
7.50★15TR, 20	6.00	8.45	9.60
8.25★15TR, 20	6.50	9.30	10.60
9.00★15TR, 20	7.00	10.20	11.60
10.00★15TR, 20, 22	7.50	10.95	12.50
11.00★15TR, 20, 22, 24	8.00	11.55	13.20
12.00★20, 24	8.50	12.40	14.10
13.00★20	9.00	13.40	16.20
14.00★20, 24	10.00	14.75	17.70
8★17.5HC, 22.5	6.00	8.00	9.10
9★17.5HC, 22.5	6.75	9.00	10.30
235/80★22.5	6.75	9.17	10.31
245/75★22.5	7.50	9.76	10.98
255/70★22.5	7.50	10.04	11.30
10★17.5HC, 22.5	7.50	10.00	11.40
265/75★22.5	7.50	10.31	11.61
275/80★22.5, 24.5	8.25	10.87	12.24
11★17.5HC, 22.5, 24.5	8.25	11.00	12.50
285/75★24.5	8.25	11.14	12.52
295/75★22.5	9.00	11.73	13.19
305/75★22.5	9.00	12.01	13.50
12★22.5, 24.5	9.00	11.80	13.50
12.5★22.5	9.00	11.90	13.60
12.75★22.5	9.00	12.27	---
315/80★22.5	9.00	12.28	13.82

(1) A ★ denotes both radial and bias tires.

(2) For additional approved rim contours and widths see page 48.

(3) Tire section width and minimum dual spacing will change 0.1" for each 1/4" change in rim width from the design rim width.

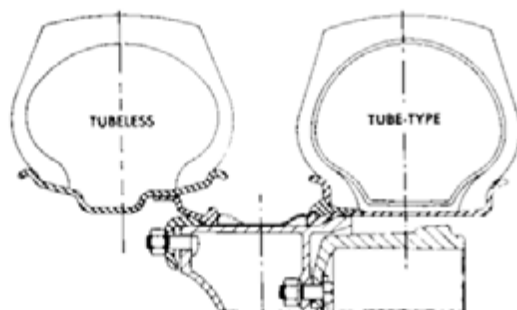


CHANGEOVER FROM TUBE-TYPE TO TUBELESS TIRES

Tubeless tires mounted on one-piece 15° drop center rims are completely interchangeable with tube-type tires and rims on the same cast spoke wheels except for cast spoke wheels designed to carry 8.5 and wider tube-type rims. When making a tubeless conversion, the first step is to select the proper replacement tubeless tire and drop-center rim.

The next step is to determine the dual spacing of the original rim and spacer band combination as shown on page 19 for 5° and FL rims. Then find in the dual spacing chart, below, the dual spacing for the new tubeless

assembly using the original size spacer band. If this spacing varies considerably from that of the original tube-type assembly, the clearance between tires, vehicle body clearance, and/or overall width of dual tires may be incorrect. These conditions will require a change in width of the spacer bands and possibly the clamps.



2011 Tubeless Tire & Rim Changeover Table

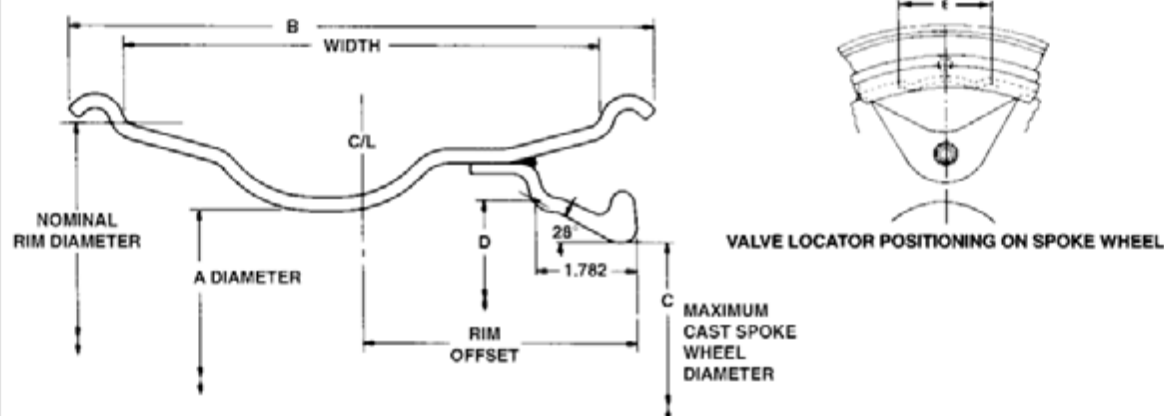
Information from The Tire & Rim Association EDI

Tube-Type Tire (Width x Dia.) ⁽¹⁾	Replaced by Tubeless (Width x Dia.) ⁽¹⁾	Preferred Tire Rim (Dia. x Width)	Alternate Tubeless Rim (Dia. x Width)
8.25 x 15TR	9 x 17.5HC	17.5 x 6.75HC	—
9.00 x 15TR	10 x 17.5HC	17.5 x 7.50HC	17.5 x 6.75HC
10.00 x 15TR	11 x 17.5HC	17.5 x 8.25HC	—
7.50 x 20	8 x 22.5	22.5 x 6.00	22.5 x 6.75/5.25
8.25 x 20	9 x 22.5	22.5 x 6.75	22.5 x 7.50/6.00
9.00 x 20	10 x 22.5	22.5 x 7.50	22.5 x 6.75
10.00 x 20	11 x 22.5	22.5 x 8.25	22.5 x 7.50
10.00 x 22	11 x 24.5	24.5 x 8.25	24.5 x 7.50
11.00 x 20	12 x 22.5	22.5 x 9.00	22.5 x 8.25
11.00 x 22	12 x 24.5	24.5 x 9.00	24.5 x 8.25

(1) A ★ denotes both radial and bias tires.

Rim Dimensions & Dual Spacing For 15° Tubeless Rims Sizes 6.75 Through 9.00

Part Number	Size		Rim Offset						Dual spacing with spacer band width			
	Dia.	Width		A	B	C	D	E	3 3/8	3 5/8	4	4 1/4
31868175	17.5	6.75	3.90	14.5	8.67	13.550	15	3.75	11.2	11.4	11.8	12.0
31814175	17.5	8.25	4.75	14.5	10.25	13.550	15	3.75	12.9	13.1	13.5	13.7
31871225	22.5	6.75	3.90	19.5	8.67	18.550	20	3.75	11.2	11.4	11.8	12.0
30371225	22.5	7.50	4.26	19.5	9.50	18.550	20	3.75	11.9	12.1	12.5	12.8
30645225	22.5	7.50	4.50	19.5	9.50	18.550	20	3.75	12.4	12.6	13.0	13.4
30391225	22.5	8.25	4.75	19.5	10.25	18.550	20	3.75	12.9	13.1	13.5	13.7
32051225	22.5	8.25	4.75	19.5	10.25	18.550	20	3.75	12.9	13.1	13.5	13.7
32052225	22.5	9.00	5.00	19.5	11.20	18.550	20	3.75	—	13.6	14.0	14.2
30391245	24.5	8.25	4.75	21.5	10.25	20.550	22	4.50	12.9	13.1	13.5	13.7
32051245	24.5	8.25	4.75	21.5	10.25	20.550	22	4.50	12.9	13.1	13.5	13.7



Note: All dimensions in inches.

Note: For Tire Minimum Dual Spacing refer to page 45-46. When chains are used, additional spacing may be required. See SAE J683.

CHART FOR PROPERLY MATCHING TRUCK TIRES TO RIMS/WHEELS

Information obtained from the 2011 Tire & Rim Association Yearbook

TIRE SIZE ⁽¹⁾	APPROVED RIM CONTOURS ⁽²⁾
LIGHT TRUCKS	
6.50 * 16LT	4½K, 4.50E, 5K, 6K, 6L
7.50 * 16LT	5.50F (SDC), 6K, 6L, 6½L, 7L
LT225/75 * 16	6J, 6½J, 6K, 6½K, 6½L, 7J, 7K, 7L
LT245/75 * 16	6½J, 6½K, 6½L, 7J, 7K, 7L, 7½J, 8J
LT265/75 * 16	7J, 7K, 7L, 7½J, 8J, 8L
LT285/75 * 16	7½J, 8J, 8½J, 8L, 8LB, 8KB, 9J
LT215/85 * 16	5½J, 5½K, 5.50F (SDC), 6J, 6K, 6½J, 6½L, 7J, 7K, 7L
LT235/80 * 17	6J, 6½J, 7J, 7½J
LT235/85 * 16	6J, 6K, 6L, 6½J, 6½L, 7J, 7K, 7L, 7½J
LT255/85 * 16	6½J, 6½L, 7KB, 7J, 7K, 7L, 8J, 8KB, 8L, 8LB
LT235/70 * 16	6J, 6K, 6L, 6½J, 6½K, 6½L, 7J, 7K, 7KB, 7L, 7½J
LT255/70 * 16	6½J, 6½K, 6½L, 7J, 7K, 7KB, 7L, 7½J, 8J, 8KB, 8L, 8LB, 8½J
LT265/70 * 17	7J, 7K, 7KB, 7L, 7½J, 8J, 8KB, 8L, 8LB, 8½J, 9J
LT275/70 * 16	7J, 7½J, 8J, 8½J
8.75 * 16.5	6.00, 6.75
9.50 * 16.5	6.75, 8.25
LOW PLATFORM TRAILERS	
7.50 * 15TR	6.0, 6.5
8.25 * 15TR	6.5, 7.0
9.00 * 15TR	7.0, 7.5
10.00 * 15TR	7.5, 8.0
11.00 * 15TR	8.0, 8.5
8R17.5HC	6.00HC
9R17.5HC	6.75HC
215/75R 17.5HC	6.00HC, 6.75HC
10R17.5HC	6.75HC, 7.50HC
11R17.5HC	8.25HC

⁽¹⁾ A ★ denotes both radial and bias tires. An R indicates radial tires only.

⁽²⁾ SDC denotes semi-drop center rims.

Note: For tire sizes not shown, consult the Tire Manufacturer for approved rim contours.

TIRE SIZE ⁽¹⁾	APPROVED RIM CONTOURS ⁽²⁾
MEDIUM AND HEAVY DUTY TRUCKS	
7.50 * 20	5.5, 6.0, 6.5
8.25 * 20	6.0, 6.5, 7.0
9.00 * 20	6.5, 7.0, 7.5, 7.50VM
10.00 * 20	7.0, 7.5, 7.50VM, 8.0
11.00 * 20	7.5, 8.0, 8.5, 8.50VM
12.00 * 20	8.0, 8.5, 8.50VM, 9.0
13.00 * 20	9.0, 10.00W
14.00 * 20	10.0, 10.00W
10.00 * 22	7.0, 7.5, 8.0
11.00 * 22	7.5, 8.0, 8.5
11.00 * 24	7.5, 8.0, 8.5, 8.50VM
12.00 * 24	8.0, 8.5, 8.50VM, 9.0
14.00 * 24	10.0W
8 * 19.5	5.25, 6.00, 6.00RW, 6.75, 6.75RW
225/70R 19.5	6.00, 6.00RW, 6.75, 6.75RW
245/70R 19.5	6.75, 6.75RW, 7.50, 7.50RW
265/70R 19.5	7.50, 7.50RW, 8.25, 8.25RW
305/70R 19.5	8.25, 8.25RW, 9.00
8 * 22.5	5.25, 6.00, 6.75
9 * 22.5	6.00, 6.75, 7.50
10 * 22.5	6.75, 7.50, 8.25
235/80R 22.5	6.75, 7.50
245/75R 22.5	6.75, 7.50
255/70R 22.5	7.50, 8.25
265/75R 22.5	7.50, 8.25
11 * 22.5	7.50, 8.25
275/80R 22.5	7.50, 8.25
295/75R 22.5	8.25, 9.00
305/70R 22.5	8.25, 9.00
12 * 22.5	8.25, 9.00
12.5 * 22.5	8.25, 9.00
12.75 * 22.5	8.25, 9.00
315/80R 22.5	9.00, 9.75
11 * 24.5	7.50, 8.25
275/80R 24.5	7.50, 8.25
12 * 24.5	8.25, 9.00
285/75R 24.5	8.25
WIDE BASE (DUPLEX®)	
15 * 19.5	11.75, 12.25
16.5 * 19.5	12.25, 13.00
18 * 19.5	13.00, 14.00
15 * 22.5	11.75, 12.25
385/65R 22.5	11.75, 12.25
16.5 * 22.5	12.25, 13.00
425/65R 22.5	11.75, 12.25, 13.00
445/50R 22.5	14.00
445/65R 22.5	12.25, 13.00, 14.00
455/55R 22.5	14.00
18 * 22.5	13.00, 14.00

OBSOLETE PART NUMBER INDEX

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replace(2)
240-5°-1	20 x 7.0 - 5°	Dem			NONE(3)
262FL2-1	20 x 7.5 FL	Dem			262-5-1
312-5-1	20 x 8.5-5°	Dem			
13180	22.5 x 14.00 WHL	10H - 11.25"	4.75	4.12	
13189	22.5 x 14.00	Front Dem(4)			
13224	22.5 x 13.00	Front Dem		5.00	
13228	22.5 x 13.00	Front Dem	3.94		32201TK
13229	22.5 x 12.25	Front Dem	5.44		31679(5)
13244	22.5 x 13.00	Front Dem	5.62		32202TK
13257	19.5 x 12.25 WHL	10H - 11.25"	1.70		
13279	22.5 x 12.25	Front Dem		4.44	
13290	22.5 x 12.25	Front Dem			31674(5)
13293	22.5 x 14.00 WHL	10H - 11.25"	3.69	3.06	29819(6)
13298	22.5 x 13.00	Front Dem		1.20	
13308	22.5 x 13.00	Front Dem		2.50	
13333	22.5 x 14.00 WHL	10H - 11.25"	5.75	5.25	
13348	19.5 x 12.25 WHL	10H - 11.25"(7)	3.12	2.50	
13349	22.5 x 13.00	Front Dem(7)		5.62	
13350	22.5 x 12.25	Front Dem		4.75	31679
13351	22.5 x 12.25	Front Dem		3.63	31674(5)
13354	22.5 x 13.00	Rear Dem			31659
13491	22.5 x 12.25	Front Dem		6.44	
13580	22.5 x 14.00	Front Dem		4.17	
25415	22.5 x 8.25	10H - 11.25"	6.62		27834C
25430	22.5 x 8.25	10H - 11.25"	6.62		27833C
25438	20 x 7.0 -5°	10H - 11.25"	6.50		NONE(3)
25441	20 x 7.5 -FL	10H - 11.25"	6.50		29832TK(9)
25451	22.5 x 7.50	10H - 11.25"	6.12		27403
25495	22.5 x 8.25	10H - 11.25"	6.62		27833C
25524	20 x 8.0 -5°	10H - 11.25"	6.62		29829TK
25617	22 x 7.5 -5°	10H - 11.25"	6.56		NONE(3)
25622	22 x 8.0 -5°	10H - 11.25"	6.88		NONE(3)
25662	20 x 7.5 -5°	10H - 11.25"	6.38		29832TK
25666	20 x 8.0 -5°	10H - 11.25"	6.38		29829TK
25668	20 x 8.0 -5°	10H - 11.25"	6.88		29829TK
25672	22.5 x 8.25	10H - 11.25"	6.38		27833C
26039	20 x 7.5 -MS	10H - 11.25"	6.75		
26205	19.5 x 14.00 WHL	10H - 11.25"	3.06		
26357	20 x 7.5 -MS	6H - 8.75"	6.25		
26385	22.5 x 14.00 WHL	10H - 11.25"	3.06		29818(6)
26386	22.5 x 14.00 WHL	10H - 11.25"	0.44		29819(6)
26414	22.5 x 14.00	Rear Dem		2.75	28551(6)
26415	22.5 x 14.00	Rear Dem		0.56	
26464	20 x 8.0 -5°	10H - 11.25"	6.62		NONE(3)
26538	20 x 6.5 -FL	6H - 8.75"	6.50		NONE(3)
26580	22.5 x 14.00	Front Dem(4)		5.82	32202(6)(5)
26642	22.5 x 14.00 WHL	10H - 11.25"	4.25	3.62	29819(6)(5)
26654	22.5 x 14.00 WHL	10H - 11.25"	3.69	3.06	29819(6)
26660	22.5 x 14.00 WHL	10H - 11.25"		1.63	
26738	19.5 x 13.00	Front Dem		2.44	
26785	22.5 x 13.00 WHL	10H - 11.25"	3.06		
26786	22.5 x 13.00 WHL	10H - 11.25"	0.41		
26787	22.5 x 13.00	Rear Dem			28551
26788	22.5 x 13.00	Rear Dem			31659
26793	19.5 x 13.00 WHL	10H - 11.25"	3.06		
26794	19.5 x 13.00 WHL	10H - 11.25"	0.44	0.19	
26811	22 x 8.0 -5°	10H - 11.25"	6.65		NONE(3)
26831	22.5 x 14.00 WHL	10H - 13.188"		7.12	
26870	19.5 x 14.00 WHL	10H - 11.25"(4)	4.88	4.25	

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replace(2)
26874	22.5 x 14.00 WHL	10H - 11.25"	5.25	4.62	
26875	19.5 x 14.00 WHL	10H - 11.25"(4)	5.25	4.62	
26886	22.5 x 14.00	Rear Dem		2.93	28551(6)
26887	22.5 x 14.00 WHL	10H - 11.25"	5.75	5.25	
26891	19.5 x 14.00 WHL	10H - 11.25"	3.69	3.06	
26894	19.5 x 14.00 WHL	10H - 11.25"(4)	4.72	4.09	
26915	22.5 x 14.00 WHL	10H - 13.188"	6.25	5.75	
26917	20 x 7.5 -FL	10H - 11.25"	6.38		29832TK
26919	22.5 x 13.00	Front Dem		3.25	
26920	19.5 x 13.00 WHL	10H - 11.25"		2.75	
26934	22.5 x 14.00 WHL	10H - 11.25"	6.25	5.75	
26935	19.5 x 14.00 WHL	10H - 11.25"(4)	4.38	3.75	
26940	22.5 x 14.00	Rear Dem			
26942	22.5 x 13.00	Front Dem		5.83	32202
26965	22.5 x 14.00	Rear Dem			
27048	22.5 x 14.00 WHL	10H - 11.25"	3.06		
27079	20 x 7.5 -FL	10H - 11.25"	6.12		29832TK(5)(9)
27089	22.5 x 13.00 WHL	10H - 11.25"		5.81	
27093	22.5 x 13.00	Front Dem		4.50	32201
27121	20 x 6.5 -CR	6H - 8.75"	5.62		NONE(3)
27122	20 x 6.5 -CR	6H - 8.75"	6.00		NONE(3)
27123	20 x 6.5 -CR	10H - 11.25"	6.00		NONE(3)
27124	20 x 7.0 -CR	6H - 8.75"	6.12		NONE(3)
27126	20 x 7.0 -CR	10H - 11.25"	6.44		NONE(3)
27163	20 x 6.5 -CR	10H - 8.75"	6.00		NONE(3)
27166	22 x 7.5 -LB	10H - 11.25"	6.50		NONE(3)
27196	20 x 7.5 -LB	10H - 11.25"	6.50		29832TK(8)(9)
27211	19.5 x 12.25 WHL	10H - 8.75"(4)	3.12	2.50	
27212	19.5 x 12.25 WHL	10H - 8.75"	0.44		
27215	19.5 x 12.25 WHL	10H - 11.25"(4)	3.12	2.50	
27216	19.5 x 12.25 WHL	10H - 11.25"	0.44		
27221	22.5 x 12.25 WHL	10H - 11.25"	3.12	2.50	29819(6)
27222	22.5 x 12.25 WHL	10H - 11.25"	0.44		29814
27225	22.5 x 12.25	Rear Dem	0.38	0.38	31658
27226	22.5 x 12.25	Rear Dem	1.87	1.87	28551(6)
27233	22.5 x 12.25 WHL	10H - 11.25"		4.88	
27234	22.5 x 12.25 WHL	10H - 11.25"	5.06	4.56	29816(5)
27235	22.5 x 12.25 WHL	10H - 11.25"	5.62	5.12	29816(5)
27236	22.5 x 12.25 WHL	10H - 11.25"	6.80	6.30	29816(5)
27238	19.5 x 12.25	Front Dem		2.44	
27239	22.5 x 12.25 WHL	10H - 13.188"		5.87	
27256	22.5 x 12.25 WHL	10H - 11.25"	6.25	5.75	29234
27257	22.5 x 12.25 WHL	10H - 11.25"	2.25	1.62	
27258	22.5 x 12.25 WHL	10H - 11.25"	6.39	5.89	29816
27271	22.5 x 12.25 WHL	10H - 11.25"	4.62	4.12	
27292	22.5 x 12.25 WHL	10H - 11.25"	7.06	6.56	29816(5)
27344	20 x 7.0 -LB	10H - 11.25"	6.12		NONE(3)
27355	22.5 x 14.00 WHL	10H - 13.188"HD		6.62	28465(6)
27461	22.5 x 8.25	10H - 11.25"	6.62		27833C(10)
27471	22.5 x 8.25 AL	10H - 11.25"	6.59		28615
27503	22.5 x 8.25	10H - 11.25"	6.62		27404(10)
27611	22.5 x 8.25	10H - 11.25"	6.62		27834C
27685	22.5 x 7.50	10H - 11.25"	6.44		27403
27686	22.5 x 8.25	10H - 11.25"	6.62		27833C(10)
27688	24.5 x 8.25	10H - 11.25"	6.62		27406
27709	22.5 x 8.25	10H - 11.25"	6.62		27834C(10)
27721	22.5 x 14.00	Front Dem		4.75	32201(6)
27727	20 x 6.5 -LB	10H - 8.75"	5.84		NONE(3)
27728	20 x 7.0 -LB	10H - 8.75"	6.02		NONE(3)

- (1) Outset/Inset—(Inches) See Pg. 23 footnote (3) or Pg. 54 for definition.
 (2) Check vehicle clearances prior to mounting tire.
 (3) Tubeless wheel/rim available. See catalog.
 (4) Well Welded—check clearance I.D. upon replacement.
 (5) Offset Difference

- (6) 13.00" Rim
 (7) Reinforced Flanges
 (8) Replacement wheel has a different disc contour which allows less clearance for brakes. Check clearance before ordering.
 (9) Potential replacement has an alternate rim contour which requires different side and/or lock ring.

- (10) Check clearance
 (11) This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.
 (12) 14.00" Rim
 (13) 12.25" Rim
 (14) 7.50" Rim

OBSOLETE PART NUMBER INDEX

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replace(2)
27742	22.5 x 12.25 WHL	10H - 13.188"		6.30	
27756	16 x 6KS	8H - 6.50"	5.00		29587(11)
27760	22.5 x 14.00 WHL	10H-13.188"HD(7)		7.12	28572(6)
27765	22.5 x 8.25	10H - 11.25"B	6.62		27834C(10)
27766	22.5 x 8.25	10H - 11.25"B	6.62		27834C(10)
27772	16 x 5.50-F	8H - 6.50"	5.00		29587
27773	22.5 x 12.25 WHL	10H - 13.188"HD		6.25	28465(6)
27774	19.5 x 6.00	8H - 6.50"	5.00		29015
27775	19.5 x 6.00	10H - 7.25"	5.00"	-	
27784	22.5 x 6.75	6H - 8.75"	5.93		28157
27785	22.5 x 6.75	10H - 8.75"	6.00		
27791	22.5 x 14.00 WHL	10H - 13.188"HD		7.12	28465(6)
27796	16 x 6K	8H - 6.50" I OC	5.00		
27833	22.5 x 8.25	10H - 11.25"	6.62		27833C
27834	22.5 x 8.25	10H - 11.25"B	6.62		27834C
27836	22.5 x 8.25	10H - 11.25"	6.62		27404(10)
27910	17.5 x 6.75	6H - 8.75"	5.62		28145
27913	22.5 x 13.00 WHL	10H - 11.25"	0.44		29818
27917	22.5 x 13.00 WHL	10H - 11.25"	3.06		
27922	16 x 5.5-F	8H - 6.50"	5.00		29587
27924	22.5 x 12.25 WHL	10H - 11.25"	0.44		24814
27944	22.5 x 6.75	10H - 11.25"	5.91		
27945	20 x 7.5 -5°	10H - 11.25"	6.50		29832TK
27952	22.5 x 12.25 WHL	10H - 11.25"	5.18	4.56	29816
27953	22.5 x 12.25 WHL	10H - 11.25"	2.25	1.62	
27954	22.5 x 12.25 WHL	10H - 11.25"	3.12	2.50	29819(6)
27955	22.5 x 12.25 WHL	10H - 11.25"	4.25	3.62	
27956	22.5 x 12.25 WHL	10H - 11.25"	4.75	4.12	
27957	22.5 x 12.25 WHL	10H - 11.25"	5.75	5.12	29816
27958	22.5 x 13.00 WHL	10H - 11.25"	5.88	5.25	
27959	22.5 x 13.00 WHL	10H - 11.25"	3.69	3.06	29819
27960	22.5 x 13.00 WHL	10H - 11.25"	5.25	4.62	
27964	22.5 x 13.00 WHL	10H - 11.25"	4.25	3.62	
27967	19.5 x 12.25 WHL	10H - 8.75"	3.12	2.5	
27968	19.5 x 12.25 WHL	10H - 8.75"	0.44		
27969	19.5 x 12.25 WHL	10H - 11.25"	3.12	2.50	
27970	19.5 x 12.25 WHL	10H - 11.25"	0.44		
27980	19.5 x 13.00 WHL	10H - 11.25"	4.88	4.25	
27981	19.5 x 13.00 WHL	10H - 11.25"	5.25	4.62	
27982	19.5 x 13.00 WHL	10H - 11.25"	4.72	4.09	
27983	19.5 x 13.00 WHL	10H - 11.25"	4.38	3.75	
27984	19.5 x 13.00 WHL	10H - 11.25"	0.31		
27985	19.5 x 13.00 WHL	10H - 11.25"	3.06	2.43	
27994	16 x 6KS	8H - 6.50"	5.00		29587(11)
27995	16.5 x 6.00	8H - 6.50"	5.00		
27997	22.5 x 13.00	Rear Dem		2.75	28551
27998	22.5 x 13.00	Rear Dem		2.00	28551
27999	22.5 x 12.25	Rear Dem		1.88	28551(6)(5)
28000	16.5 x 6.75	8H - 6.50 IOC	5.38		
28001	22.5 x 12.25	Rear Dem		1.88	28551(6)
28004	19.5 x 6.00	10H - 8.75"	4.75		
28118	22.5 x 12.25 WHL	10H - 11.25"	0.44		29814
28119	22.5 x 12.25 WHL	10H - 11.25"	2.25	1.62	
28120	22.5 x 12.25 WHL	10H - 11.25"	3.12	2.50	29819(6)
28122	22.5 x 14.00 WHL	10H - 11.25"	4.25	3.62	
28124	22.5 x 12.25 WHL	10H - 11.25"	4.90	4.28	
28125	22.5 x 12.25 WHL	10H - 11.25"	4.25	3.62	
28126	22.5 x 12.25 WHL	10H - 11.25"	5.75	5.12	29816(5)
28127	22.5 x 13.00 WHL	10H - 11.25"	3.06		
28128	22.5 x 13.00 WHL	10H - 11.25"	0.44		29818
28132	22.5 x 12.25 WHL	10H - 11.25"	6.38	5.75	29817TK

- (1) Outset/Inset—(Inches) See Pg. 23 footnote (3) or Pg. 54 for definition.
 (2) Check vehicle clearances prior to mounting tire.
 (3) Tubeless wheel/rim available. See catalog.
 (4) Well Welded—check clearance I.D. upon replacement.
 (5) Offset Difference

- (6) 13.00" Rim
 (7) Reinforced Flanges
 (8) Replacement wheel has a different disc contour which allows less clearance for brakes. Check clearance before ordering.
 (9) Potential replacement has an alternate rim contour which requires different side and/or lock ring.

- (10) Check clearance
 (11) This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.
 (12) 14.00" Rim
 (13) 12.25" Rim
 (14) 7.50" Rim

OBSOLETE PART NUMBER INDEX

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replace(2)
28630	22.5 x 13.00	Rear Dem	2.75		
28633	19.5 x 14.00 WHL	10H - 11.25"	4.63	4.00	29307
28640	22.5 x 9.00-15°	10H - 285.75mm	7.00		29730
28642	22.5 x 7.50	10H - 285.75mm	6.44		29001
28658	19.5 x 8.25RW	10H - 285.75mm	6.62		
28670	22.5 x 6.75	6H - 8.75"	5.93		
28680	19.5 x 6.75RW	8H - 275mm	5.60		50180
28682	16 x 6K	8H - 6.50"	5.15		
28687	24.5 x 8.25-15°	10H - 11.25"	6.59		
28689	24.5 x 8.25-15°	10H - 11.25"	6.59		
28803	22.5 x 12.25-15°	10H - 285.75mm	4.63	4.00	29806
28810	22.5 x 7.50	10H - 11.25"	6.45		28841
28820	24.5 x 8.25-15°				
28824	22.5 x 8.25-15°	10H - 11.25"	6.59		
28831	22.5 x 8.25-15°	10H - 285.75mm	6.59		
28832	22.5 x 8.25-15°	10H - 285.75mm	6.59		
28837	24.5 x 8.25-15°	10H - 285.75mm	6.59		
28839	24.5 x 8.25-15°	10H - 285.75mm	6.59		
28842C	22.5 x 9.00	10H - 11.25"	7.00		
28842	22.5 x 9.00	10H - 11.25"	7.00		
28849	20 x 8.5 -5°	10H - 285.75mm	7.00		
28852	22.5 x 8.25-15°	10H - 11.25"	6.59		
28853	19.5 x 6.00	6H - 8.75"	5.00		29388
28855	20 x 8.5 -5°	10H - 11.25"	7.00		
28860	16 x 6K	6H - 222.25mm	5.00		
28865	24.5 x 8.25-15°				
28867	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
28889	22.5 x 12.25-15°	10H - 11.25"	4.63	4.00	29815
28899	20 x 10.0 -VE 5°	10H - 11.25"	6.62	6.00	
29020	20 x 8.0 -5°	10H - 335mm	6.77		
29021	24 x 8.5 -5°	10H - 335mm	7.62		
29030	22.5 x 8.25-15°	10H - 11.25"	6.59		
29052	22.5 x 7.50-15°	8H - 285mm	162mm		
29054	22.5 x 12.25-15°	10H - 285.75mm	5.38	4.75	29807
29056	22.5 x 12.25-15°	10H - 285.75mm	6.38	5.75	29808
29507	22.5 x 13.00-15°	10H - 285.75mm	5.88	5.25	29812TK
29064	24.5 x 8.25-15°	10H - 11.25"	6.59		
29066	22.5 x 8.25-15°	10H - 11.25"	6.59		
29068	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29094	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29105	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29110	22.5 x 8.25-15°	10H - 11.25"	6.59		28615
29112	22.5 x 8.25-15°	10H - 11.25"	6.59		28615
29118	24.5 x 8.25-15°	10H - 11.25"	6.59		27599
29120	24.5 x 8.25-15°	10H - 11.25"	6.59		27599
29126	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29133	22.5 x 7.50-15°	10H - 11.25"	6.59		
29137	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/10HH's
29138	16 x 6K	8H - 6.50"	5.00		29587
29147	22.5 x 12.25-15°	10H - 285.75mm	--	0.63	29805
29152	22.5 x 13.00-15°	10H-13.188"HD(7)		7.12	28465
29153	22.5 x 13.00-15°	10H-13.188"HD(7)		6.12	28465
29154	16 x 7K	8H - 6.50"	0.25		29576
29157	22.5 x 12.25-15°	10H-13.188"HD(7)		6.00	28465(6)
29160	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29161	16 x 6K	8H - 6.50"	0.50		
29162	22.5 x 8.25ALCAST	10H - 285.75mm	6.59		41644
29164	22.5 x 7.50-15°	10H - 335mm	6.31		
29165	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29168	24.5 x 8.25-15°	10H - 285.75mm	6.62		28827

- (1) Outset/Inset—(Inches) See Pg. 23 footnote (3) or Pg. 54 for definition.
 (2) Check vehicle clearances prior to mounting tire.
 (3) Tubeless wheel/rim available. See catalog.
 (4) Well Welded—check clearance I.D. upon replacement.
 (5) Offset Difference

- (6) 13.00" Rim
 (7) Reinforced Flanges
 (8) Replacement wheel has a different disc contour which allows less clearance for brakes. Check clearance before ordering.
 (9) Potential replacement has an alternate rim contour which requires different side and/or lock ring.

- (10) Check clearance
 (11) This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.
 (12) 14.00" Rim
 (13) 12.25" Rim
 (14) 7.50" Rim

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replace(2)
29170	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29171	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29172	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29173	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29174	22.5 x 13.00-15°	10H - 285.75mm	3.25	2.62	29810TK
29175	22.5 x 13.00-15°	10H-13.188"HD(7)		7.12	28572(5)
29176	22.5 x 13.00-15°	10H-13.188"HD(7)		6.81	28572(5)
29177	22.5 x 13.00-15°	10H-13.188"HD(7)		6.12	28572
29178	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29179	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29181	20 x 8.0 -5°	10H - 285.75mm	6.88		29842TK
29182	22.5 x 13.00-15°	10H - 11.25"	3.43	2.81	
29183	22.5 x 12.25-15°	10H - 11.25"	4.62	4.00	
29184	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29185	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29186	19.5 x 6.00RW	8H - 225mm	5.35		29584
29189	24.5 x 8.25AL-15°	10H - 285.75mm	6.59		41362/40550
29211	22.5 x 12.25-15°	10H - 11.25"	--	0.63	29814TK
29215	22.5 x 13.00-15°	10H - 11.25"	3.25	2.62	29819TK
29216	22.5 x 13.00-15°	10H - 11.25"	--	0.63	29818TK
29218	22.5 x 12.25-15°	10H - 11.25"	5.38	4.75	29816
29220	22.5 x 12.25-15°	10H - 11.25"	4.63	4.00	29815TK
29221	22.5 x 12.25-15°	10H - 11.25"	2.88	2.25	29215(6)
29222	22.5 x 6.75-15°	10H - 11.25"	5.93		
29223	16 x 6K	8H - 170mm	5.35		29583
29236	19.5 x 6.75RW	8H - 225mm	5.50		29585
29237	19.5 x 7.50RW CAST	8H - 275mm	6.25		40160
29301	22.5 x 13.00-15°	10H - 11.25"	4.95	4.32	29820
29303	22.5 x 13.00-15°	10H - 285.75mm	4.95	4.32	29811TK
29304	19.5 x 7.50RW CAST	10H - 285.75mm	6.25		29685 Forged
29305	17 x 6K	8H - 6.50"	5.00		
29307	19.5 x 14.00-15°	10H - 11.25"	4.63	4.00	
29309	24.5 x 8.25 CAST	10H - 285.75mm	6.59		41362/40550
29311	20 x 10.0 -VE 5°	10H - 11.25"	1.56		
29314	22.5 x 12.25-15°	10H - 11.25"	5.31	4.68	
29318	16 x 6K	8H - 6.50"	5.15		29579
29319	16 x 7K	8H - 6.50"	0.25		29576
29330	24.5 x 8.25-15°	10H - 11.25"	6.62		
29330C	24.5 x 8.25-15°	10H - 11.25"	6.62		
29331	22.5 x 6.75-15°	8H - 275mm	5.70		28869
29339	17 x 7.5K	5H - 135mm	0.55		29551
29342	19.5 x 7.50RW-15°	10H - 285.75mm	6.25		29685
29344	22.5 x 8.25-15°	8H - 285mm	164mm		
29350	16 x 6K	8H - 6.50"	5.00		29587
29352	22.5 x 8.25-15°	10H - 285.75mm	6.59		41644
29360	22.5 x 8.25-15°	10H - 285.75mm	6.59		
29364	22.5 x 9.00-15°	10H - 335mm	6.93		29846
29369	19.5 x 7.50RW	8H - 275mm	6.25		40160
29371	19.5 x 6.00-15°	8H - 170mm	136mm		
29372	22.5 x 8.25-15°	10H - 285.75mm	6.59		40020
29390	22.5 x 8.25-15°	10H - 11.25"	6.59		
29393	20 x 10.0 -VE 5°	10H - 285.75mm	4.63		
29394	22.5 x 12.25-15°	10H - 11.25"	6.38	5.75	29817TK
29546	22.5 x 9.00-15°	10H - 285.75mm	3.12		29039(5)
29555	22.5 x 8.25AL-15°	10H - 285.75mm	6.59		41644
29571PK	22.5 x 8.25-15°	10H - 11.25"	6.62		27833C/5HH's
29575	16 x 6K	8H - 6.50"	0.50		
29580	16 x 6K	8H - 6.50"	5.15		29579
29586	17 x 6K	8H - 170mm	5.00		
29611	20 x 10.0 -VE 5°	10H - 335mm		5.00	29911
29627	22.5 x 14.00-15°	10H - 285.75mm	2.00	1.38	29890

HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

DUPLEX DISC®
WHEELS/DUPLEX®
DEMOUNTABLE RIMS

LIGHT TRUCK
WHEELS

BOLT-TOGETHER
SPECIALTY
WHEELS

GENERAL
INFORMATION

OBSOLETE PART NUMBER INDEX

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replace(2)
29362	24.5 x 8.25	10H - 287.75	6.59		41362/40550
29369	19.5 x 7.50RW	8H - 275mm	6.25		40160
29644	22.5 x 8.25	10H - 285.75mm			41644
29646	22.5 x 8.25-15°	10H - 285.75mm	6.59		29720
29784	19.5 x 6.00-15°	10H - 7.25"	4.60		
29809TK	22.5 x 13.00-15°	10H - 285.75mm		0.63	29146
29837	17 x 6.5J	8H - 200mm	5.56		
29890TK	22.5 x 14.00	10H - 287.75mm	2.00	1.375	29627
29891TK	22.5 x 14.00	10H - 287.75mm	0.00	0.625	50172
30872	19.5 x 13.00-15°	10H - 11.25"	0.31		
30645225	22.5 x 7.50-15°	Dem	4.50		30371225(5)
30375225	22.5 x 7.50-15°	Dem	4.40		30391225(5)
30375245	24.5 x 8.25-15°	Dem	4.40		30391245(5)
31871225	22.5 x 6.75-15°	Dem	3.90		30371225 (2)(5)(14)
31061	22.5 x 14.00-15°	Rear Dem			31659(6)
31291	22.5 x 12.25-15°	Front Dem		1.11	31674
31292	22.5 x 12.25-15°	Front Dem		2.00	
31293	22.5 x 12.25-15°	Front Dem		2.62	
31294	22.5 x 12.25-15°	Front Dem		3.00	31674
31295	22.5 x 12.25-15°	Front Dem		3.44	31674(5)
31296	22.5 x 12.25-15°	Front Dem		3.75	31677(5)
31297	22.5 x 12.25-15°	Front Dem		4.00	31677
31298	22.5 x 12.25-15°	Front Dem		4.44	31677(5)
31299	22.5 x 12.25-15°	Front Dem		4.75	31679
31300	22.5 x 12.25-15°	Front Dem		5.44	
31614	22.5 x 12.25-15°	Front Dem(4)		4.75	
31656	22.5 x 13.00-15°	Front Dem		3.94	32201TK
31671	22.5 x 12.25-15°	Front Dem		1.10	31674(14)(5)
31673	22.5 x 12.25-15°	Front Dem		2.62	
31675	22.5 x 12.25-15°	Front Dem		3.44	31674(5)
31676	22.5 x 12.25-15°	Front Dem		3.75	31677(5)
31678	22.5 x 12.25-15°	Front Dem		4.44	31677
31680	22.5 x 12.25-15°	Front Dem		5.44	31679(5)
31681	22.5 x 13.00-15°	Front Dem		3.50	32201TK(5)
31682	22.5 x 13.00-15°	Front Dem		4.75	32201TK
31686225	22.5 x 9.00-15°	Dem	5.00		32052225
31689	22.5 x 13.00-15°	Front Dem		4.50	32201TK
31703	22.5 x 12.25-15°	Front Dem		4.00	31677
31716175	17.5 x 6.75HC	Dem	4.00		31868175
31986	22.5 x 12.25-15°	Front Dem		4.44	31677
50275	17 x 6.5J	8H - 200mm	5.56		
PS2200	22.5 x 8.25-15°	10H - 285.75mm	6.62		
PS2205	22.5 x 8.25-15°	10H - 11.25"	6.62		
PS2210	22.5 x 8.25-15°	10H - 285.75mm	6.62		

(1) Outset/Inset—(Inches) See Pg. 23 footnote (3) or Pg. 54 for definition.

(2) Check vehicle clearances prior to mounting tire.

(3) Tubeless wheel/rim available. See catalog.

(4) Well Welded—check clearance I.D. upon replacement.

(5) Offset Difference

(6) 13.00" Rim

(7) Reinforced Flanges

(8) Replacement wheel has a different disc contour which allows less clearance for brakes. Check clearance before ordering.

(9) Potential replacement has an alternate rim contour which requires different side and/or lock ring.

(10) Check clearance

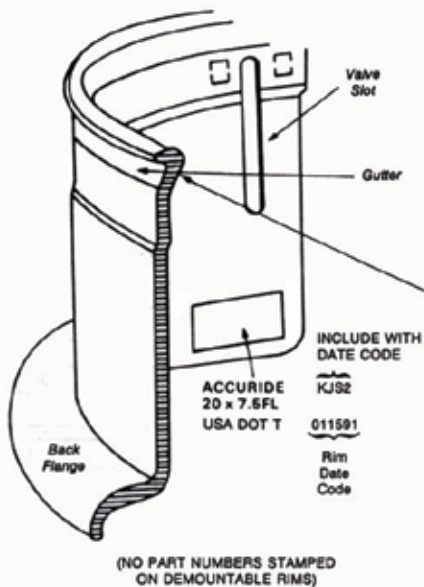
(11) This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.

(12) 14.00" Rim

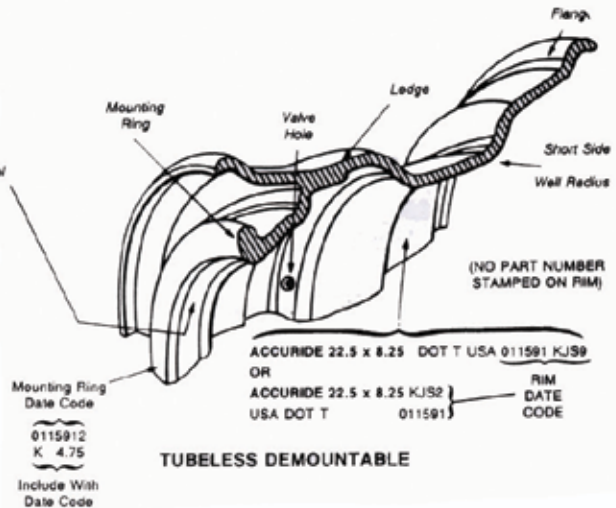
(13) 12.25" Rim

(14) 7.50" Rim

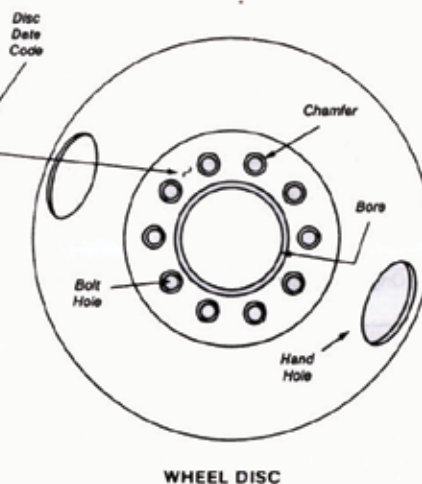
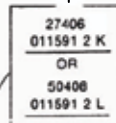
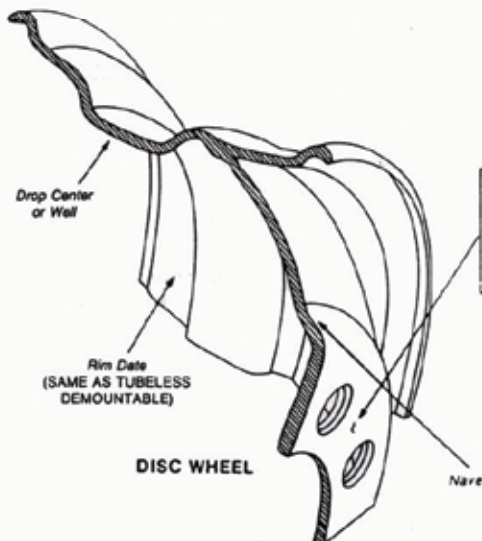
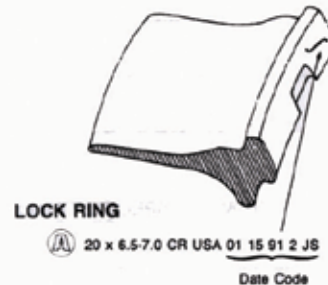
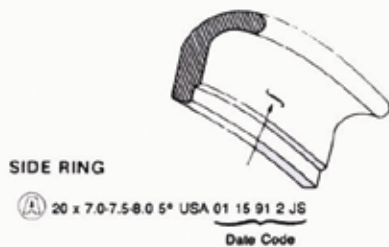
ACCURIDE TYPICAL PRODUCT STAMPING



TUBE-TYPE RIM BASE



TUBELESS DEMOUNTABLE



HUB-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

STUD-PILOTED
TUBELESS & TUBE-TYPE
WHEELS

DEMOUNTABLE
RIMS &
COMPONENTS

DUPLIX DISC®
WHEELS/DUPLIX®
DEMOUNTABLE RIMS

LIGHT TRUCK
WHEELS

BOLT-TOGETHER
SPECIALTY
WHEELS

GENERAL
INFORMATION

RIM/WHEEL GLOSSARY

APPROVED RIM WIDTH - Rim width sizes approved by The Tire & Rim Association for use with the tire.

BALANCED WHEEL - A wheel that is within 30 inch-ounces of balance.

BEAD SEAT - Surface of a rim that contacts the tire bead. The bead seat angle is usually 5° for tube-type tires and 15° for tubeless tires.

BOLT CIRCLE - The diameter of the circle which traces through the center line of the bolt holes. It defines the bolt hole spacing around the disc in a wheel.

BOLT HOLES - The holes in the disc of a wheel through which the bolts or the studs pass. For stud-piloted wheels, the bolt holes are chamfered and used to center the wheels.

BORE - The center hole (pilot) of the wheel. With hub mount wheels, it is used to center the wheel.

BUTT WELD - Transverse weld in a rim.

CAPACITY - Demountable rim or disc wheel maximum carrying load. Expressed in load (lbs) and inflation pressure (psi) cold.

DESIGN RIM WIDTH - Nominal rim width. Rim width on which a tire performs best. Approximately 75 percent as wide as the tire width designation.

DEMOUNTABLE RIM - A rim with valve locaters which is used with a cast spoke wheel to provide the method of attaching tires to the vehicle.

DISC WHEEL - A permanent assembly of a disc and a rim.

DOUBLE CAP NUT - The inner and outer nuts used to secure stud-piloted wheels to a vehicle. The inner dual wheel is attached by an inner cap nut with a spherical radius and the outer dual wheel is attached by an outer cap nut with a spherical radius.

DUAL SPACING - Lateral distance from wheel centerline to wheel centerline in a dual wheel arrangement. It is determined by adding two offsets (disc wheels) or two offsets plus one spacer band width (demountable rims).

HALF DUAL SPACING - See "Wheel Offset."

HAND HOLE - Opening in the disc area of a wheel for the purpose of valve stem access to inside dual tire and chain application.

HUB-PILOTED WHEEL - Wheels that are designed to center on the hub at the bore of the wheel. These wheels generally have straight through bolt holes, since the bolt holes only supply clearance for the stud. Hub-piloted wheels are used with two piece flange nuts.

INSET - The lateral distance from the rim centerline to the mounting surface of the disc. Inset places the rim center line inboard of the mounting surface.

LOCK RING - Third piece of a 3-piece rim assembly which locks the side ring to the rim base.

LONG SIDE - The side of the rim which has a ledge.

MINIMUM DUAL SPACING - The minimum allowable distance between the wheel centerlines in a dual arrangement.

MULTI-PIECE RIM - A rim consisting of more than one part. Usually two pieces (rim base and side ring), or three pieces (rim base, side ring, and lock ring).

OFFSET - See "Rim Offset" or "Wheel Offset."

OUTSET - The lateral distance from the rim centerline to the mounting surface of the disc. Outset places the rim center line outboard of the hub surface.

RIM (also see demountable rim) - The item that supports the tire. It may consist of one piece (tubeless drop center type) or two or three piece (tube-type).

RIM BASE - The major piece of a multi-piece rim assembly. It supports the tire bead on one side, provides a locking mechanism for the side ring or lock ring, and provides a bevel surface for attaching to a spoke wheel.

RIM OFFSET - The lateral distance from the rim surface that contacts the spacer band to the rim centerline (Demountable Rim see page 47).

SHORT SIDE - The side of the rim which does not have a ledge.

SIDE RING - A removable piece of a multi-piece rim assembly which provides lateral support for one tire bead.

SPACER BAND - Band of steel which separates two demountable rims on spoke wheels (also called "spacers").

SPOKE WHEEL - A casting with 3, 5, or 6 spokes that attaches to the axle and provides a means of attaching a demountable rim to a vehicle. Also called "Cast Spoke Wheel."

STUD-PILOTED WHEELS - Wheels that are designed to center on the studs of a hub. These wheels have chamfers at the bolt holes into which a ball seat or conical nut is installed to center the wheel. The center bore of the wheel is only for clearance of the axle end.

SUPER SINGLE - Duplex® or wide base.

TWO-PIECE FLANGE NUT - A nut attached to a washer that is used to secure hub-piloted wheels to a vehicle.

VALVE HOLE - The hole in the rim into which a valve is installed to inflate or deflate the tire/rim assembly.

VALVE LOCATERS - The guides located on either side of the demountable rim valve slot or valve hole to properly locate the tire valve between spokes. Sometimes called "drivers," "rim drivers," "locating lugs," etc.; they are either indented or welded on.

VALVE SLOT - Opening in a tube-type rim to receive the tire tube valve stem.

VENT HOLE - Opening in the disc area of a wheel for the purpose of air ventilation.

WHEEL - See "Spoke Wheel" or "Disc Wheel."

WHEEL OFFSET - The lateral distance from the disc mating surface (surface between the wheels as a dual assembly) to the rim centerline (disc wheel - see page 45).

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ACCURIDE WHEELS FACILITIES AND PRODUCTION LOCATIONS

Accuride Corporate Headquarters

7140 Office Circle
Evansville, IN 47715
812-962-5000, 800-626-7096
FAX: 812-962-5400

Customer Service Department

Call to place an order, check existing orders,
inquire about price, availability, delivery, and
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800-626-7096
FAX: 812-962-5430

International Sales

812-962-5047
FAX: 812-962-5430

Field Engineering

For technical information.
800-869-2275
FAX: 270-827-7697

Accuride Canada Inc.

31 Firestone Blvd.
London, Ontario N5W 6E6
Canada 800-399-0880
FAX: 519-453-7084

Customer Service Department

888-818-8778
FAX: 888-818-1088

Accuride Camden

30 Hengst Blvd.
Camden, SC 29020
803-425-6444
FAX: 803-425-6445

Wixom Sales Office and Engineering

51004 Century Ct.
Wixom, MI 48393
877-421-3734
FAX: 248-960-4196

Indianapolis Distribution Center

5490 Industrial Court, Suite 300
Whitestown, IN 46075
317-769-5733
FAX: 270-827-6822

Accuride Erie

1015 East 12th St.
Erie, PA 16503
814-480-6400
FAX: 814-452-0809

Accuride Henderson

2315 Adams Lane
P.O. Box 40
Henderson, KY 42419
270-826-5000, 800-626-7096
FAX: 270-827-7656

Accuride de Mexico

Ave. Norte America No 301
Parque Industrial Las Americas
Autopista Monterrey-Laredo Km 31.5
Cienega de Flores, N.L. 65550
011-5281-8158-8800
FAX: 011-5281-8158-8805



Accuride Wheels
7140 Office Circle
P.O. Box 15600
Evansville, IN 47716-0600
Phone: 812.962.5000
Toll-Free: 800.823.8332
Fax: 812.962.5400
www.accuridewheels.com



Accuride Corporation
7140 Office Circle
P.O. Box 15600
Evansville, IN 47716
Phone: 812.962.5000
Toll-Free: 800.823.8332
Fax: 812.962.5400
www.accuridecorp.com