ACCURIDE®
WHEELS

Product Catalog

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	Standard
White PW	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, Gray, Black, or yellow on selected wheels and rims.**
- **Custom colors available by request.**
- **Exceeds 2,000 hours under industry standard ASTM salt spray testing.**

White PKWHT21	Black PKBLK21
Gray 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. 28487PW

PG - Painted Gray (E-coat) e.g. 28487PG

PK - Powder Topcoat White e.g. 28487PKWHT21

PK - Powder Topcoat Black e.g. 28487PKBLK21

PK - Powder Topcoat Gray e.g. 28487PKGRY21

PK - Powder Topcoat Yellow e.g. 28487PKYEL21

Accuride also offers on select products

TK – Liquid Topcoat White e.g. 29815TKWHT21

TK – Liquid Topcoat Gray 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 37. Please write to Literature Distribution, Accuride Corporation, 7140 Office Circle, Evansville, IN 47715 or call (800) 823-8332 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
RW0020VSB		2.00" stabilizer	38	1
RW0020VSK		2.00" stabilizer package	38	2
RW0025VSB		2.50" stabilizer	38	3
RW0025VSK		2.50" stabilizer package	38	4
RW0028VSB		2.80" stabilizer	38	5
RW0028VSK		2.80" stabilizer package	38	6
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	37	1
590-2		Wheel-Guard	37	2
590-3		Wheel-Guard	37	3
738-1	(1)	Wheel-Guard	37	4
790-1	(1)	Wheel-Guard	37	5
790-2	(1)	Wheel-Guard	37	6
13228		22.5 x 13.00	26	4
13244		22.5 x 13.00	26	5
27403		22.5 x 7.50	17	1
27404		22.5 x 8.25	17	2
27406		24.5 x 8.25	17	4
27599	(2)	24.5 x 8.25	16	4
27775		19.5 x 6.00	28	1
27833C		22.5 x 8.25	17	3
27834C		22.5 x 8.25	13	2
28112		17.5 x 6.75HC	18	1
28145		17.5 x 6.75HC	18	2
28157		22.5 x 6.75	18	5
28160		22.5 x 6.75	11	8
28177		16 x 6K	Use 29587	-
28179		19.5 x 6.00RW	18	3
28192		22.5 x 9.00	17	7
28374		16 x 6K	Use 29587	-
28408		22.5 x 8.25	9	3
28409		24.5 x 8.25	9	5
28410		24.5 x 8.25	17	9
28440		22.5 x 8.25	13	5
28465		22.5 x 13.00	25	9
28476C		22.5 x 8.25	17	6
28484		22.5 x 8.25	11	7
28487		22.5 x 8.25	9	4
28510		22.5 x 9.00	17	8
28547	(2)(3)	24.5 x 8.25	-	-
28548	(2)(3)	22.5 x 8.25	-	-
28549		22.5 x 8.25	17	5
28551		22.5 x 13.00	26	8
28572		22.5 x 13.00	25	10
28608	(2)	22.5 x 9.00	16	3
28615	(2)	22.5 x 8.25	16	2
28632	(2)	22.5 x 8.25	12	1
28641		24.5 x 8.25	9	6
28656		17.5 x 6.75HC	11	1
28671		16 x 6K	Use 29581	-
28680		19.5 x 6.75RW	11	4

Part Number		Size and Type	Page Number	Item number
28684		22.5 x 13.00	25	8
28827		24.5 x 8.25	9	11
28828		22.5 x 8.25	9	7
28841	(2)	22.5 x 7.50	16	1
28844	(2)	22.5 x 7.50	8	3
28869		22.5 x 6.75	11	5
29001		22.5 x 7.50	9	2
29015		19.5 x 6.00	28	4
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	9
29058		22.5 x 13.00	24	16
29070	(2)(4)	24.5 x 8.25	-	-
29114	(2)(3)	22.5 x 8.25	-	-
29116	(2)(3)	22.5 x 8.25	-	-
29122	(2)(3)	24.5 x 8.25	-	-
29124	(2)(3)	24.5 x 8.25	-	-
29169		22.5 x 8.25	9	8
29174		22.5 x 13.00	24	13
29186		19.5 x 6.00RW	Use 29584	-
29195		19.5 x 7.50RW	9	1
29207		19.5 x 6.00	Use 29667	-
29215		22.5 x 13.00	25	6
29232		16 x 7K	Use 29582	-
29300		22.5 x 9.00	9	10
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	3
29333	(2)(3)	22.5 x 8.25	-	-
29334		16 x 6K	Use 29587	-
29340	(7)	17 x 7.5J	-	-
29346	(2)(5)	24.5 x 8.25	-	-
29348	(2)	22.5 x 8.25	10	4
29356		17 x 6K	Use 29505	-
29361	(9)	16 x 6.5J	Use 29588	-
29362	(2)	24.5 x 8.25	8	8
29368		17 x 6K	29	5
29369	(2)	19.5 x 7.50RW	10	2
29374	(2)	22.5 x 12.25	24	3
29376	(2)	22.5 x 13.00	24	5
29378	(2)	22.5 x 12.25	24	1
29380	(2)	22.5 x 13.00	24	4
29388		19.5 x 6.00RW	18	4
29395	(7)	17 x 7.5J	-	-
29396PK	(11)	22.5 x 8.25	12	3
29398		16 x 6K	Use 29579	–
29399	(7)	16 x 6K	-	-
29506		19.5 x 6.00RW	31	3
29508		16 x 7K	Use 29576	–
29521		19.5 x 6.00RW	Use 29584	–
29540	(2)(8)	22.5 x 8.25	-	-

(1) Contact the Accuride sales department for availability and minimum quantities at 1-800-626-7096.
(2) Aluminum Wheels.
(3) Available only through Freightliner Dealers.
(4) Available only through Navistar Dealers.
(5) Available only through Volvo Dealers.
(6) Available only in White E-Coat.
(7) Available only through Ford Dealers.
(8) Available only through Monaco Dealers.
(9) Available only through GM Dealers.
(10) Available only through Sterling Dealers.
(11) Available only in Powder Topcoat.
(12) Available only through Western Trailer Dealers.
(13) Available only through Western Star Dealers.

ACTIVE PART NUMBER INDEX

Part Number		Size and Type	Page Number	Item number
29543	(2)(5)	22.5 x 8.25	-	-
29544	(2)(5)	24.5 x 8.25	-	-
29545PK	(11)	24.5 x 8.25	12	4
29549	(2)(10)	22.5 x 8.25	-	-
29550	(2)(10)	24.5 x 8.25	-	-
29551	(7)	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	31	2
29577		16 x 6K	29	1
29578		16 x 6K	29	2
29579		16 x 6K	29	3
29581		16 x 6K	29	6
29582		16 x 7K	31	2
29583		16 x 6K	29	4
29584		19.5 x 6.00RW	30	3
29585		19.5 x 6.75RW	30	4
29587		16 x 6K	28	3
29588		16 x 6.5J	28	5
29602	(2)	19.5 x 8.25RW	8	2
29610		20 x 10.00W-5°	34	5
29625	(7)	17 x 7.5J	-	-
29626	(7)	17 x 7.5J	-	-
29637PK	(11)	22.5 x 8.25	14	1
29644	(2)	22.5 x 8.25	8	4
29648	(2)(5)	24.5 x 8.25	-	-
29660	(2)	22.5 x 14.00	24	7
29667		19.5 x 6.00	28	2
29668	(7)	16 x 4T	-	-
29670	(2)	24.5 x 8.25	10	5
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	24	2
29685	(2)	19.5 x 7.50RW	8	1
29695	(2)	19.5 x 6.75RW	10	1
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	2
29719		19.5 x 6.75RW	11	3
29720	(2)(5)	22.5 x 8.25	-	-
29729		20 x 10.00-5°	34	2
29730	(2)	22.5 x 9.00	8	7
29736		19.5 x 6.75RW	Use 29585	-
29737		20 x 10.00-5°	35	2
29740		21 x 18.00-5°	34	8
29741		20 x 10.00-5°	34	6
29745		19.5 x 6.00RW	Use 29584	-
29746		16 x 6K	Use 29583	-
29747	(7)	16 x 6.5J	-	-
29787	(7)	16 x 4T	-	-
29801	(7)	16 x 7J	-	-

Part Number		Size and Type	Page Number	Item number
29805		22.5 x 12.25	24	8
29806		22.5 x 12.25	24	9
29807		22.5 x 12.25	24	10
29808		22.5 x 12.25	24	11
29809TK		22.5 x 13.00	24	12
29811TK		22.5 x 13.00	24	14
29812TK		22.5 x 13.00	24	15
29814TK		22.5 x 12.25	25	1
29815TK		22.5 x 12.25	25	2
29816TK		22.5 x 12.25	25	3
29817TK		22.5 x 12.25	25	4
29818TK		22.5 x 13.00	25	5
29820TK		22.5 x 13.00	25	7
29829TK		20 x 8.0-5°	17	11
29832TK		20 x 7.5-5°	17	10
29837PK	(7)	17 x 6.5J	-	-
29838PK	(7)	18 x 8J	-	-
29839	(7)	19.5 x 6.00RW	-	-
29841PK	(7)	17 x 7.5J	-	-
29842		20 x 8.0-5°	9	12
29846TK		22.5 x 9.00	13	6
29850		20 x 10.00-5°	34	7
29855PB	(7)	18 x 8J	-	-
29856PB	(7)	17 x 7.5J	-	-
29857		20 x 10.00-5°	34	3
29875	(7)	19.5 x 6.75RW	Use 29585	-
29876		20 x 10.00-5°	35	1
29884		19.5 x 6.00RW	30	2
29890PK	(11)	22.5 x 14.00	24	18
29891TK		22.5 x 14.00	24	17
29911		20 x 10.00-5°	34	4
29914		20 x 10.00-5°	34	1
31658		22.5 x 12.25	26	6
31659		22.5 x 13.00	26	7
31674		22.5 x 12.25	26	1
31677		22.5 x 12.25	26	2
31679		22.5 x 12.25	26	3
40000	(2)(12)	22.5 x 8.25	-	-
40002	(2)(12)	22.5 x 8.25	-	-
40004	(2)(13)	22.5 x 8.25	-	-
40006	(2)(13)	24.5 x 8.25	-	-
40008	(2)	22.5 x 8.25	8	5
40010	(2)	24.5 x 8.25	13	4
40012	(2)	22.5 x 9.00	8	6
40014	(2)	22.5 x 8.25	13	2
40016	(2)	22.5 x 14.00	24	6
40018	(2)	19.5 x 6.00RW	30	1
40020	(2)(8)	22.5 x 8.25	-	-
30371225		22.5 x 7.50	20	3
30391225		22.5 x 8.25	20	4
30391245		24.5 x 8.25	20	5
31814175		17.5 x 8.25HC	20	2
31868175		17.5 x 6.75HC	20	1
32051225		22.5 x 8.25	20	6
32051245		24.5 x 8.25	20	8
32052225		22.5 x 9.00	20	7

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(13) Available only through Western Star Dealers.

WHEEL AND RIM LIMITED WARRANTY

TO FILE A WARRANTY CLAIM, CALL 1-800-626-7096 ext 5032

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 2.0037, 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 ext 7635 to receive free copies. Outside the US call (812) 962-5000

Additional educational, informational, and training supplies are listed on page 37. These items are also provided by Accuride Corporation, at no charge.

THE ADVANTAGES OF HUB-PILOTED MOUNTINGS

- Elimination of bolt hole chamfer wear
- Increased clamping force for a given torque
- Reduction in nut wear and nut replacement
- Elimination of left hand threaded hardware
- Improvement in nut torque retention
- More consistency in clamping force with repeated use
- Elimination of inner cap nuts
- Compliance with ISO 4107

ACCURIDE IS THE LEADING PRODUCER OF HUB-PILOTED MEDIUM/HEAVY DUTY TRUCK WHEELS

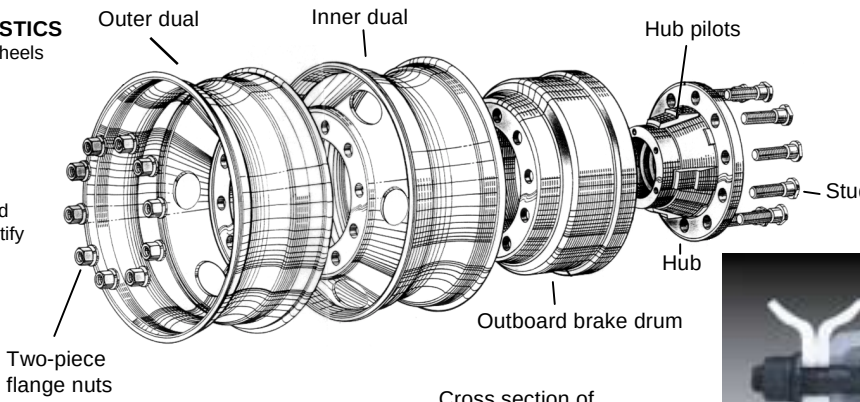
HUB-PILOTED MOUNTING SYSTEM

— Wheel Centers on Hub-Pilots —

CHARACTERISTICS

1 Hub-piloted wheels use two-piece flange nuts.

2 Non-chamfered bolt holes identify a hub-piloted wheel.



Cross section of typical dual assembly with hub-piloted wheels. (Right hand threads only)

STUD-PILOTED MOUNTING SYSTEM

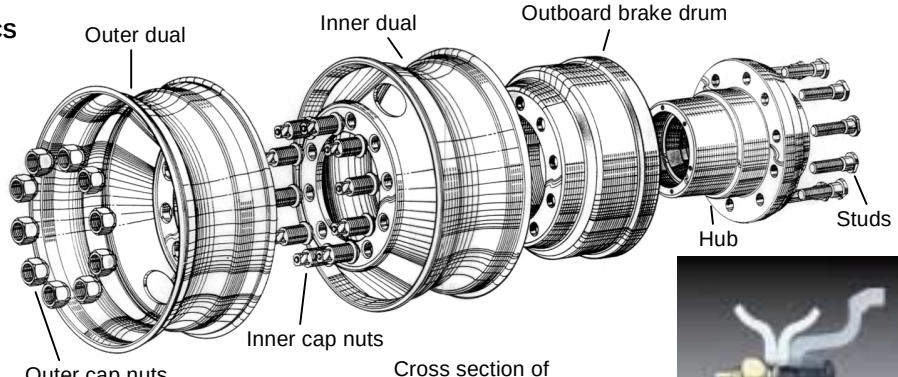
— Wheel Centers on Studs —

CHARACTERISTICS

1 Stud-piloted wheels use nuts with ball seat.

2 Inner cap nuts are used to locate inner dual in dual wheel assembly.

3 Chamfered bolt holes identify a stud-piloted wheel.



Cross section of typical dual assembly with stud-piloted wheels. (Both right hand and left hand threads)

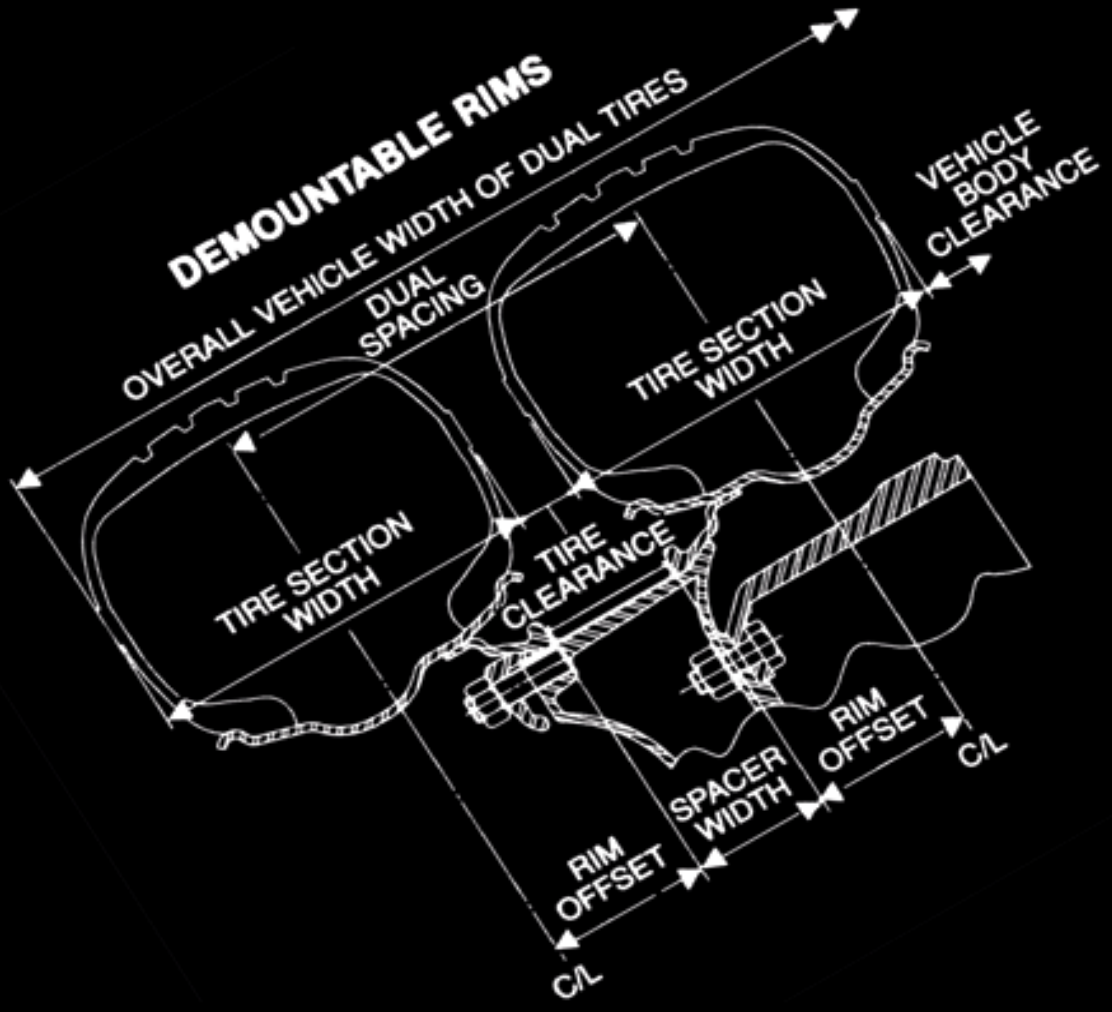
THE LIGHTWEIGHT ADVANTAGE

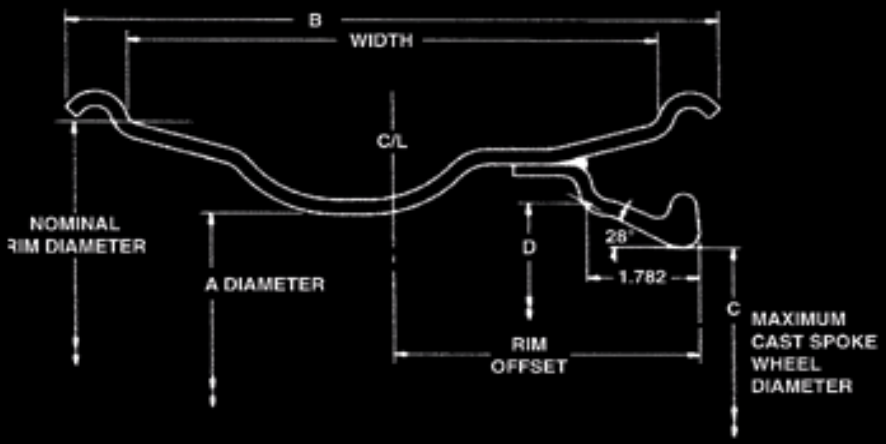
Accuride Corporation knows and understands that weight savings help increase your return on investment.

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:28408 Tractor	Trailer	Total
 78 lbs. PN: 28408	Standard 2 hand-hole 22.5 x 8.25 steel wheel	**N/A**	**N/A**	**N/A**
 76 lbs. PN: 28487	Standard 5 hand-hole 22.5 x 8.25 steel wheel 2 lbs. savings over Accuride 28408	**Save 20 lbs.**	**Save 16 lbs.**	**Save 36 lbs.**
 *Combination* 47 lbs. outer 76 lbs. inner PN: 29644 PN: 28487	Standard 10 hand-hole 22.5 x 8.25 aluminum wheels in outer positions - 31 lbs. savings ea. Standard 5 hand-hole 22.5 x 8.25 steel wheels in inner positions - 2 lbs. savings ea.	**Save 194 lbs**	**Save 132 lbs.**	**Save 326 lbs.**
 66 lbs. PN: 29637	10 hand-hole 22.5 x 8.25 steel wheel 12 lbs. savings over Accuride 28408 *Powder Topcoat only*	**Save 120 lbs.**	**Save 96 lbs.**	**Save 216 lbs.**
 47 lbs. PN: 29644	Standard 10 hand-hole 22.5 x 8.25 aluminum wheel 31 lbs. savings over Accuride 28408	**Save 310 lbs.**	**Save 248 lbs.**	**Save 558 lbs.**
 70 lbs. PN: 29660	DupleX-One Replaces traditional dual wheel sets with one 22.5 x 14.00 wheel on tandem axles 86 lbs. savings over dual set of Accuride 28408	**Save 344 lbs.**	**Save 344 lbs.**	**Save 688 lbs.**

GENERAL INFORMATION





ACCURIDE® WHEELS

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	790-1	8 hole - 285mm	stud-piloted, Japanese Mount, 22mm diameter studs
3	100065	10 hole - 285mm	hub-piloted; 14mm diameter studs
4	590-3	10 hole - 285.75mm	hub-piloted; 22mm diameter studs
5	738-1	10 hole - 335mm	hub piloted, ISO European Mount, 22mm diameter studs
6	590-2	10 hole - 11¼"	stud-piloted; ¾" diameter studs
7	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 1) Wheel and Rim Catalog - English **SAFETY AND SERVICE MANUALS** 2) Safety/Service Manuals-English 3) Safety/Service Manuals- Spanish 4) Safety/Service Manuals- French	**VIDEOS** 10) "Servicing Single and Multi-Piece Wheels" (BLUE) 11) "Servicing and Maintaining Disc Wheels" (GREEN) 12) "Accu-Forge ¨ Aluminum Wheels - The Bright Performers" (PURPLE) 13) "Servicing and Maintaining Demountable Rims" (ORANGE)
CHARTS 5) Accuride Rim & Ring Matching Wall Chart 6) Hub-Piloted/Stud-Piloted Wheel Mounting System Identification Chart 7) Multi-Piece Rim Matching Chart (OSHA) 8) Demounting/Mounting Procedures Wall Chart (OSHA) 9) Wheel Out of Service Wall Chart	**OTHER** 14) Hub-Piloted, 8-Hole, 275mm Bolt Circle chassis label 15) Hub-Piloted, 10-Hole, 285.75mm Bolt Circle chassis label 16) Nut and Chamfer Gage Kit (P/N 5400) 17) Accuride touch up spray paint can (grey #5411 and white #5412 only)

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 ext. 7635 to receive free copies.
Outside the US call (812) 962-5000 ext. 7635.

VALVE STEM STABILIZERS

Accuride is pleased to introduce valve stem stabilizers for Accuride Aluminum Wheels. These stabilizers have been custom designed by RealWheels to fit Accuride Aluminum Wheels' hand hole design.

Valve stem stabilizers are available in a variety of sizes to fit the different hand hole diameters in Accuride Aluminum Wheels.

Reference the table below to find the stabilizer sizes that meet your needs.

Stabilizer Size	For Use With Accuride Part Numbers
2.00"	27599 – 28608 – 28613 – 28615 – 28632 – 28640 – 28841 – 28844 – 29602 29604 – 29329 – 29348 – 29685 – 29730 – 40008
2.50"	29644
2.80"	29362 - 29670

Accuride offers stabilizers in either single quantities or in carded packages. Carded packages contain a pair of stabilizers along with a pair of 6" valve extensions for your convenience.

Use the table below to order valve stem stabilizers by part number.

Item	Part Number	Description
1	RW0020VSB	2.00" stabilizer
2	RW0020VSK	Carded package containing a pair of 2.00" stabilizers and a pair of 6" valve extensions
3	RW0025VSB	2.50" Stabilizer
4	RW0025VSK	Carded package containing a pair of 2.50" stabilizers and a pair of 6" valve extensions
5	RW0028VSB	2.80" Stabilizer
6	RW0028VSK	Carded package containing a pair of 2.80" stabilizers and a pair of 6" valve extensions

Contact your Accuride Sales Representative for more information on this product line.

VALVE STEM STABILIZER INSTALLATION INSTRUCTIONS

View from back of wheel

CHART FOR PROPERLY MATCHING TRUCK TIRES TO RIMS/WHEELS

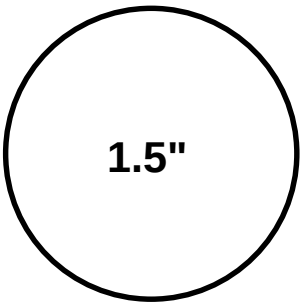
Information obtained from the 2005 Tire and Rim Association Yearbook

TIRE SIZE [1]	APPROVED RIM CONTOURS [2]
LIGHT TRUCKS	
6.50 ★ 16LT	4 ½ K, 4.50E, 5K, 6K, 6L
7.50 ★ 16LT	5.50F (SDC), 6K, 6L, 6½L, 7L
LT225/75 ★ 16	6J, 6½ J, 6K, 6½K, 6½L, 7J, 7K, 7L
LT245/75 ★ 16	6½J, 6½K, 6½L, 7J, 7½J, 7K, 7L
LT265/75 ★ 16	7J, 7K, 7L, 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
LT235/85 ★ 16	6J, 6K, 6L, 6½J, 6½L, 7J, 7K, 7L
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
LT275/70 ★ 16	7J, 7K, 7KB, 7L, 7½J, 8J, 8KB, 8L, 8LB, 8½J, 9J
8.00 ★ 16.5	6.00, 6.75
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

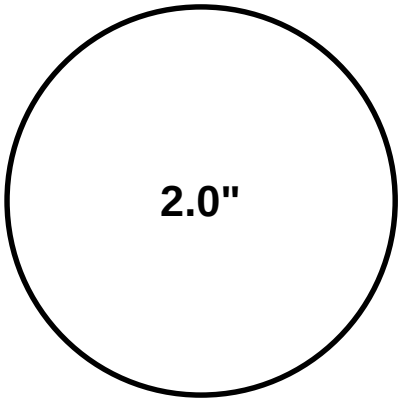
[1] A ★ denotes both radial and bias tires. An R indicates radial tires only.
[2] SDC denotes semi-drop center rims.
Note: For tire sizes not shown, consult the Tire Manufacturer for approved rim contours.

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
10.00 ★ 20	7.0, 7.5, 8.0
11.00 ★ 20	7.5, 8.0, 8.5
12.00 ★ 20	8.0, 8.5VM, 9.0
13.00 ★ 20	9.0, 10.0
14.00 ★ 20	10.0
10.00 ★ 22	7.0, 7.5, 8.0
11.00 ★ 22	8.0, 8.5
11.00 ★ 24	7.5, 8.0, 8.5
12.00 ★ 24	8.0, 8.5, 9.0
14.00 ★ 24	10.0
8 ★ 19.5	5.25, 6.00, 6.00RW, 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
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
315/80R22.5	8.25, 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
445/65R 22.5	12.25, 13.00, 14.00
18 ★ 22.5	13.00, 14.00

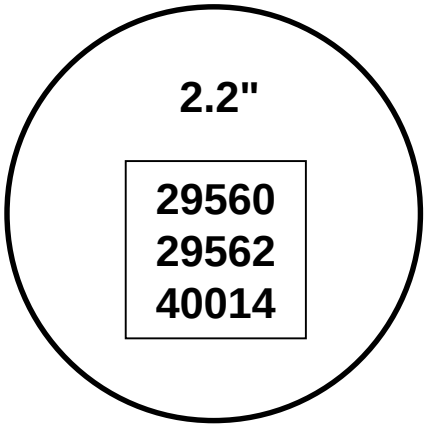
ALUMINUM WHEEL
HAND HOLE SIZE BY PART NUMBER



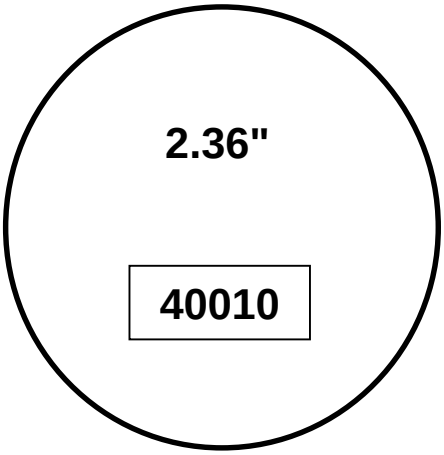
29369
29374
29376
29378
29380
29683
29660
40012
40016



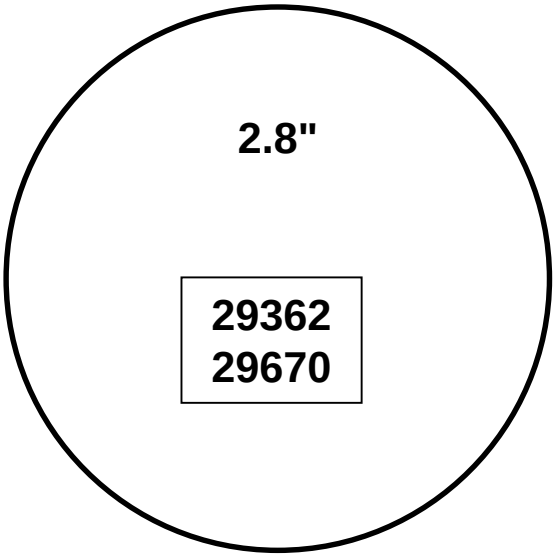
27599 29602
28608 29604
28613 29329
28615 29348
28632 29685
28640 29730
28841 40008
28844



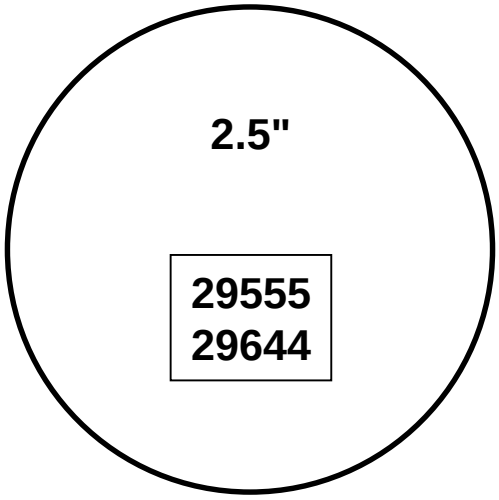
29560
29562
40014



40010



29362
29670



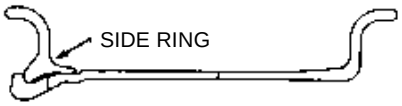
29555
29644

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

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

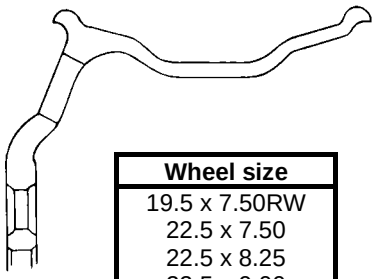
Rim size	Type
20 x 7.5	5°
20 x 8.0	5°
22 x 8.0	5°
24 x 8.0	5°
24 x 8.5	5°

FL 2-PIECE CONVERTIBLE TUBE-TYPE RIMS



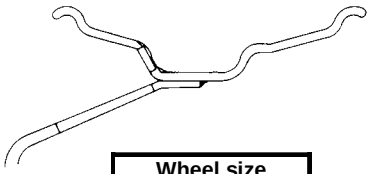
Rim size	Type
20 x 7.5	FL

15° TUBELESS ALUMINUM WHEELS (Traditional)



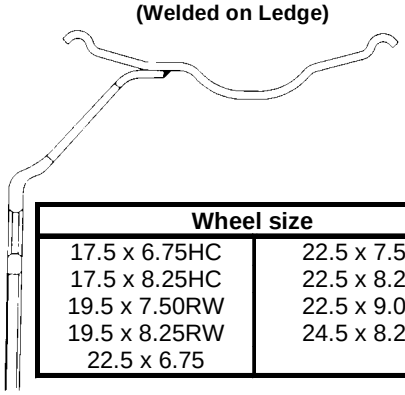
Wheel size
19.5 x 7.50RW
22.5 x 7.50
22.5 x 8.25
22.5 x 9.00
24.5 x 8.25

15° TUBELESS STEEL WHEELS (Welded on Well)



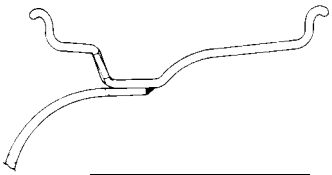
Wheel size
19.5 x 6.00
19.5 x 6.00RW
19.5 x 6.75RW

15° TUBELES STEEL WHEELS (Welded on Ledge)



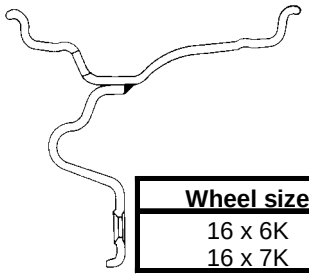
Wheel size	
17.5 x 6.75HC	22.5 x 7.50
17.5 x 8.25HC	22.5 x 8.25
19.5 x 7.50RW	22.5 x 9.00
19.5 x 8.25RW	24.5 x 8.25
22.5 x 6.75	

5° DROP CENTER DUAL STEEL WHEEL



Wheel size
16 x 6K
16 x 6.5J
16 x 7K
17 x 6K

5° DROP CENTER SINGLE STEEL WHEEL

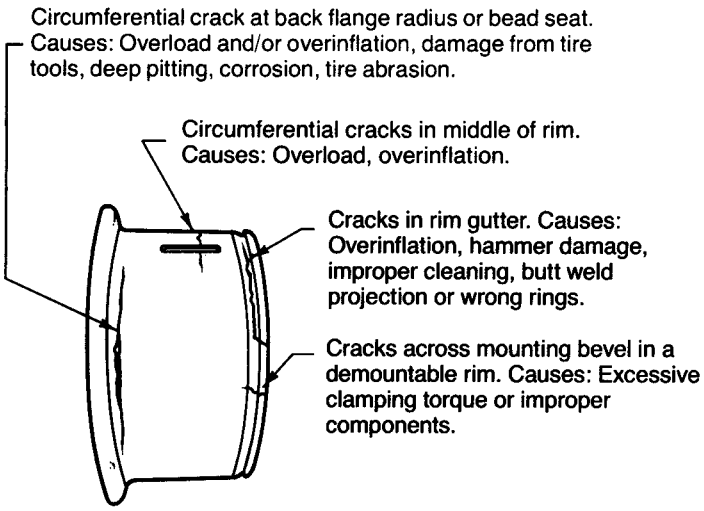


Wheel size
16 x 6K
16 x 7K

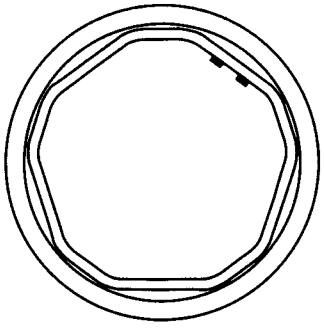
NOTE: For Duplex, See page 25

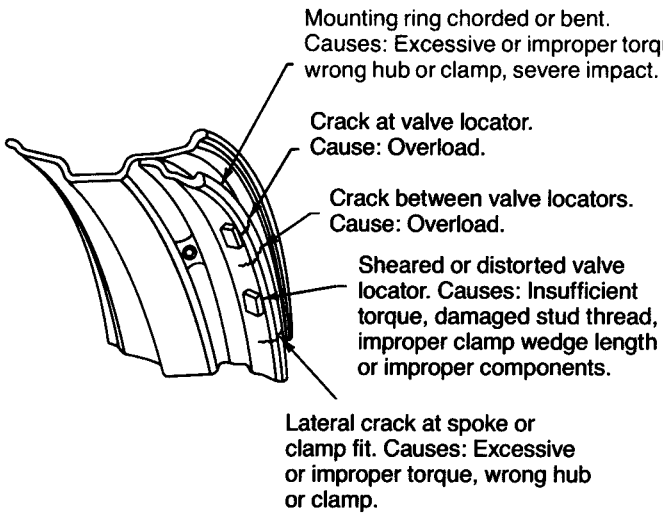
HOW TO IDENTIFY DAMAGED RIMS/WHEELS

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.

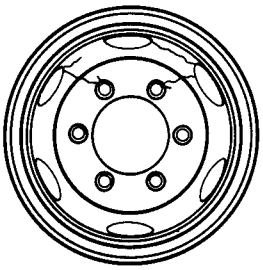


Flange or rim gutter chorded or bent. Causes: Excessive or improper torque, wrong hub or clamp, severe impact, run flat or hammering on rim gutter.

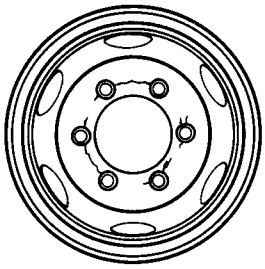




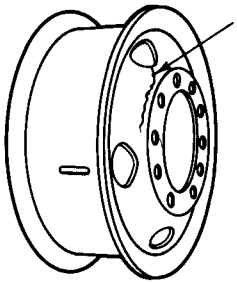
HOW TO IDENTIFY DAMAGED RIMS/WHEELS



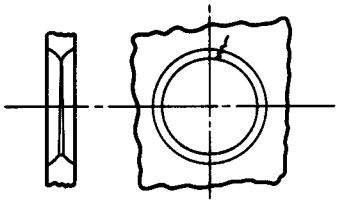
Handhole to handhole.
Handhole to bolt hole.
Handhole to rim.
Cause: Overloading.



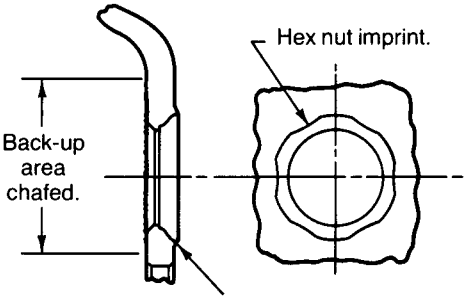
Bolt hole to bolt hole.
Causes: Loose cap nuts, small hub backup (also see bolt hole cracks/distortions).



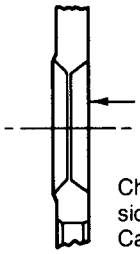
Cracks at disc nave and/or handhole. Causes: Bad fit-up, damaged hub, overload or sharp edge at handhole.



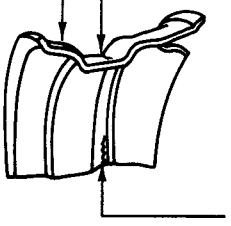
Crack originating from thin edge of stud hole. Cause: Damaged or worn-out at chamfers.



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.



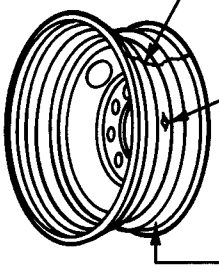
Chamfer extruded on side opposite nut. Causes: Too much torque or improper nut.



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.

RECOMMENDED NUT TORQUE

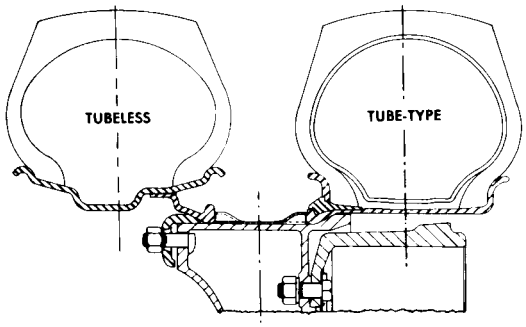
MOUNTING	THREAD SIZE	TORQUE FT.-LBS.	NUT TYPE
LIGHT TRUCK			
10 Hole, 7.25" Hub-Piloted (Ford) (5.47" Bore)	9/16 - 18	125 - 165	Two piece flange
10 Hole, 7.25" Hub-Piloted (Chevy) (5.25" Bore) - With Clamping Plate	5/8 - 18	171 - 179	90° cone[1] With Clamping Plate
8 Hole, 6.50" I.O.C. (Ford)	9/16 - 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] With Clamping Plate
	M14 x 1.5	136 - 144	
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 niece 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 service representatives if torque recommendations conflict. Refer to ACCURIDE's Rim/Wheel Safety & Service Manual for information on torque and nut tightening sequence.

CHANGEOVER FROM TUBE-TYPE TO TUBELESS TIRES

Tubeless tires mounted on one-piece 15º 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 20 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.



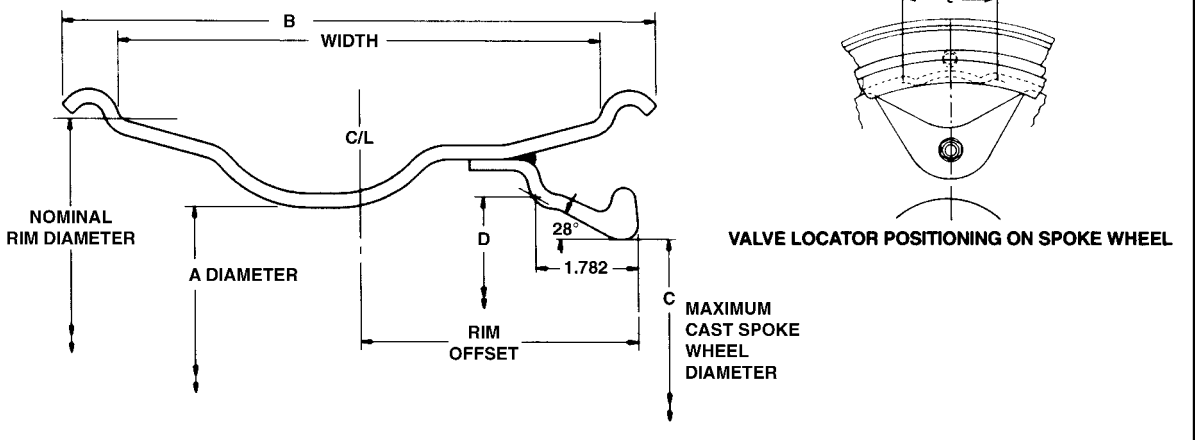
2005 Tubeless Tire & Rim Changeover Table
Information from The Tire & Rim Association EDI

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

[1] A ★ denotes both radial and bias tires.

Rim Dimensions And 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 50-51. When chains are used, additional spacing may be required. See SAE J683.

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 51)			

(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 50.
(3) DETERMINE THE PROPOSED WHEEL/RIM WIDTH AND WIDE BASE TIRE SECTION WIDTH FROM THE CHART ON PAGE 45.
THE NEW DUPLEX® WHEEL INSET OR RIM OFFSET IS DETERMINED BY INSERTING THE ABOVE INFORMATION INTO THE FOLLOWING CALCULATION.

Wide Base Changeover Calculation

Existing Wheel Inset or Rim Offset	+	Existing Tire Section Width ÷ 2	=		-	Proposed Wide Base Tire Section Width ÷ 2	=	NEW DUPLEX ® WHEEL INSET OR RIM OFFSET
	+		=		-		=	

REFER TO THE DUPLEX PART NUMBER LISTINGS ON PAGES 24-26 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.

Existing Overall Width	+2x	Existing Wheel Inset or Rim Offset	-	Existing Tire Section Width	-2x	New Duplex ® Wheel Inset or Rim Offset	+	Wide Base Tire Section Width	=	NEW OVERALL WIDTH
	+2x		-		-2x		+		=	

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.

CHANGEOVER FROM CONVENTIONAL TO WIDE BASE TUBELESS TIRES

FRONT APPLICATIONS CONTINUED

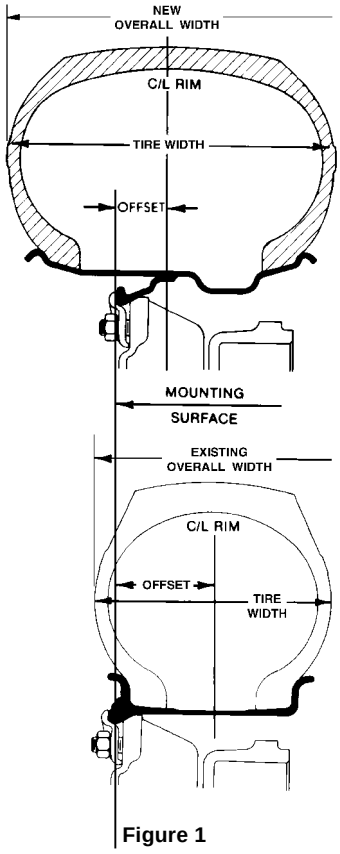


Figure 1

Wide Base Tire Section Width and Dimension Chart Information from The 2005 Tire & Rim Association Yearbook		
Tire Size	**Rim Width**	**Tire Section Width**
15★19.5, 22.5	12.25	15.50
385/65★22.5	12.25	15.51
16.5★19.5, 22.5	13.00 12.25	16.75 16.45(1)
425/65★22.5	12.25 13.00	16.61 16.91(1)
445/65★19.5	13.00	17.48
445/65★22.5	12.25 13.00 14.00	17.18 17.48 (1) 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.

REAR APPLICATIONS

•Since the space requirements are less for one tire, offset is selected to track the tire in the desired location. These 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 Increase 5.50"	4" 4"	31659 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.

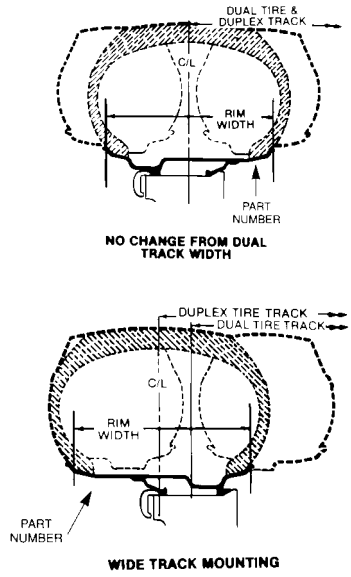
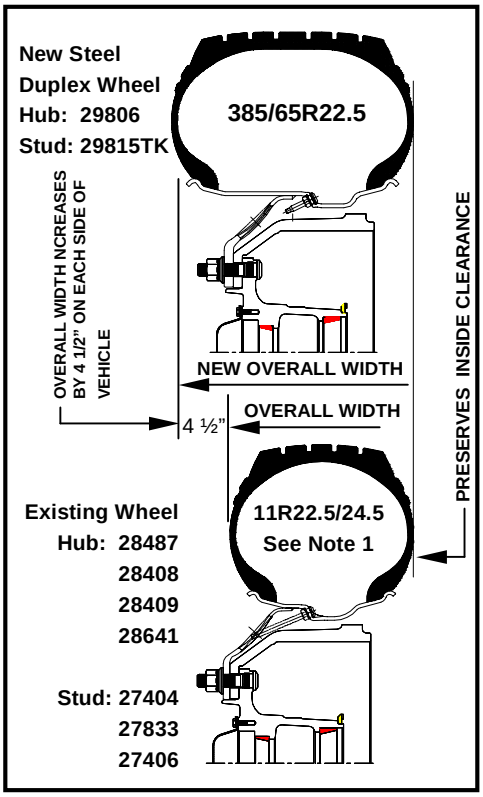


Figure 2

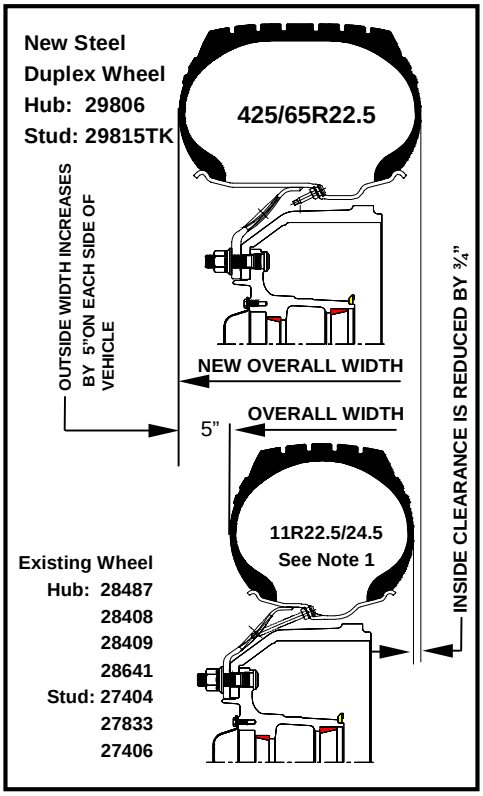
SELECTED DUPLEX CHANGEOVER APPLICATIONS 385/65R22.5 TIRE SIZE

- **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 – 29816TK



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

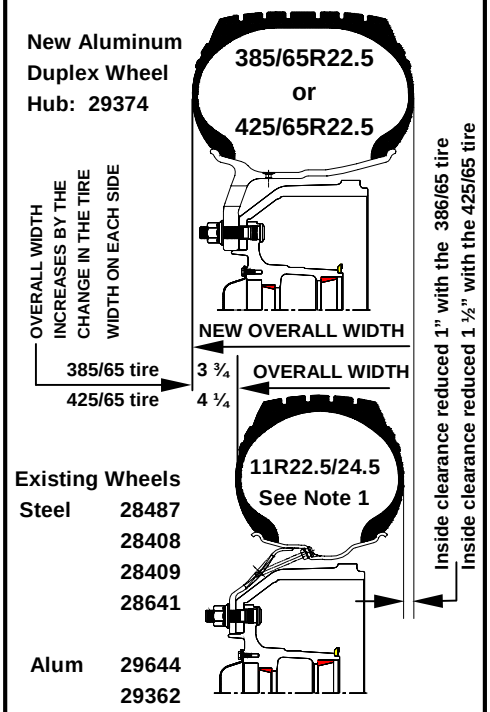
- **Factors which may effect fitment:**
  - Drum clearance on older applications
  - Inside clearance
  - Maximum outside track (overall width) (max is usually 102")
- **Use the following recommendations:**
  Note that the inside clearance will be reduced by ¾" and the outside track will increase by 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 – 29816TK



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

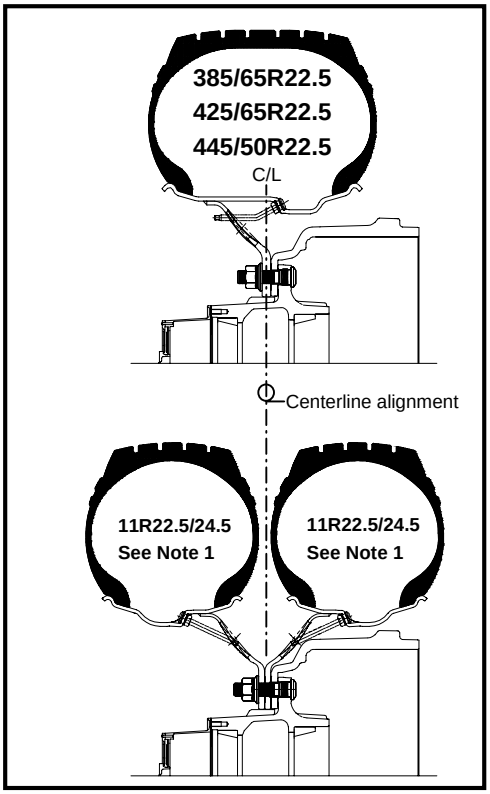
SELECTED DUPLEX CHANGEOVER APPLICATIONS TO ALUMINUM

- **Factors which may effect fitment:**
  - Drum clearance
  - Inside clearance
  - Maximum outside track (Width) (max is usually 102")
- **Use the following recommendations:**
  - Hub Pilot applications only
    - 29374AOP
  - New overall width is increased as follows:
    - 385/65R22.5 tire - 3¾" each side of the vehicle
    - 425/65R22.5 tire - 4¼" each side of the vehicle
  - Reduces the inside clearance as follows:
    - 385/65R22.5 tire - approx 1"
    - 425/65R22.5 tire - approx 1½"
- **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 29890PK; Aluminum 29660AOP
  - **Trailer Applications**
    - Hub-piloted applications:
      - 14.00 width - Steel 29891TK; Aluminum 40016AOP



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

DUAL SPACING OF WHEELS

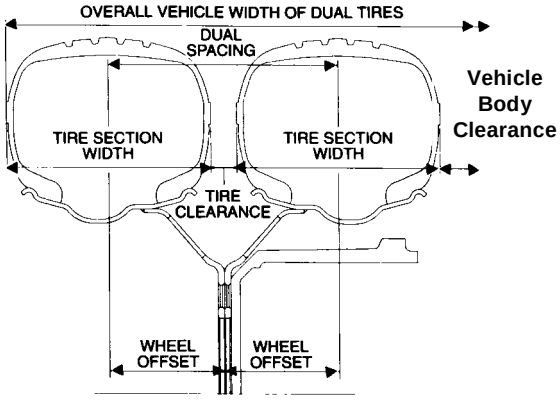
As shown in the diagram below, the sum of the wheel offsets of the two wheels used equals the dual spacing. The recommended minimum dual spacing for tire clearance is shown in the chart to the right.

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.



2005 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	8.78	10.00
LT225/75★16	6.00	8.75	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
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 39.
(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 20 and 45). 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.

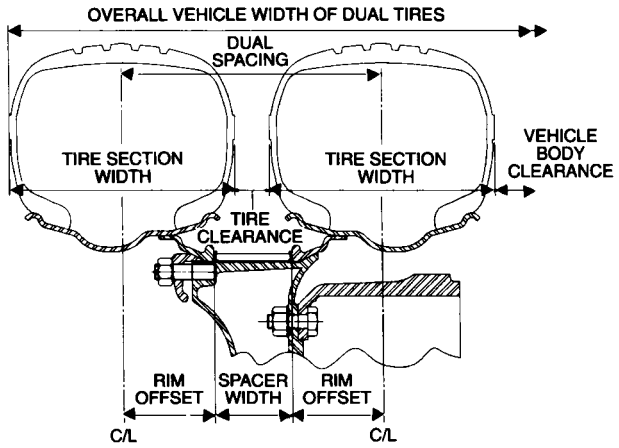
The overall vehicle width of tires is the distance from the outside tire wall of one tire to the outside tire wall of the tire on the opposite end of the axle. This dimension will be altered correspondingly by an increase or decrease in rim offset. Overall vehicle width will change proportionally to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

2005 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 39.
(3) Tire section width and minimum dual spacing will change 0.1" for each1/4" change in rim width from the design rim width.

DEMOUNTABLE RIMS



OBSOLETE PART NUMBER INDEX

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replac(2)
240-5º-1					NONE(3)
262FL2-1	20 x 7.5 FL	Dem			262-5-1
312-5-1	20 x 8.5-5º	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	
13229	22.5 x 12.25	Front Dem	5.44		31679(5)
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	29215(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		27834
25430	22.5 x 8.25	10H - 11.25"	6.62		27833
25438	20 x 7.0 -5º	10H - 11.25"	6.50		NONE(3)
25441	20 x 7.5 -FL	10H - 11.25"	6.50		27945(10)
25451	22.5 x 7.50	10H - 11.25"	6.12		27685(5)
25495	22.5 x 8.25	10H - 11.25"	6.62		27833
25524	20 x 8.0 -5º	10H - 11.25"	6.62		25668
25617	22 x 7.5 -5º	10H - 11.25"	6.56		NONE(3)
25622	22 x 8.0 -5º	10H - 11.25"	6.88		NONE(3)
25662	20 x 7.5 -5º	10H - 11.25"	6.38		27945
25666	20 x 8.0 -5º	10H - 11.25"	6.38		25668
25668	20 x 8.0 -5º	10H - 11.25"	6.88		29829TK
25672	22.5 x 8.25	10H - 11.25"	6.38		27833
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		29215(6)
26386	22.5 x 14.00 WHL	10H - 11.25"	0.44		29216(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 -5º	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	13244(6)(5)
26642	22.5 x 14.00 WHL	10H - 11.25"	4.25	3.62	29215(6)(5)
26654	22.5 x 14.00 WHL	10H - 11.25"	3.69	3.06	29215(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 -5º	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	
26873	22.5 x 14.00 WHL	10H - 11.25"		2.50	
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	

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replac(2)
26916	19.5 x 14.00 WHL	10H - 11.25"		4.09	
26917	20 x 7.5 -FL	10H - 11.25"	6.38		27945
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	29307
26940	22.5 x 14.00	Rear Dem			
26942	22.5 x 13.00	Front Dem		5.83	13244
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		27945(5)(10)
27089	22.5 x 13.00 WHL	10H - 11.25"		5.81	
27093	22.5 x 13.00	Front Dem		4.50	13228
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		27945(9)(10)
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	29215(6)
27222	22.5 x 12.25 WHL	10H - 11.25"	0.44		29211
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	29218
27235	22.5 x 12.25 WHL	10H - 11.25"	5.62	5.12	29218
27236	22.5 x 12.25 WHL	10H - 11.25"	6.80	6.30	29218(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	29218
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	29218(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		27833(11)
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(11)
27611	22.5 x 8.25	10H - 11.25"B	6.62		27834
27685	22.5 x 7.50	10H - 11.25"	6.44		27403
27686	22.5 x 8.25	10H - 11.25"	6.62		27833(11)
27688	24.5 x 8.25	10H - 11.25"	6.62		27406
27709	22.5 x 8.25	10H - 11.25"B	6.62		27834(11)
27721	22.5 x 14.00	Front Dem		4.75	13228(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)
27737	22.5 x 14.00 WHL	10H - 13.188"HD		7.12	28465(6)
27742	22.5 x 12.25 WHL	10H - 13.188"		6.30	
27756	16 x 6KS	8H - 6.50"	5.00		29587(12)
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		27834(11)
27766	22.5 x 8.25	10H - 11.25"B	6.62		27834(11)
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
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)

(1) Outset/Inset—(Inches) See Pg. 24-25 footnote (3) 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
(9) Replacement wheel has a different disc contour which allows less clearance for brakes. Check clearance before ordering.
(10) Potential replacement has an alternate rim contour which requires different side and/or lock ring.
(11) Check clearance.
(12) This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.
(13) 14.00" Rim
(14) 12.25" Rim

OBSOLETE PART NUMBER INDEX

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replac(2)
27796	16 x 6K	8H - 6.50" I OC	5.00		28322
27833	22.5 x 7.50	10H - 11.25"	6.62		27833C
27834	22.5 x 8.25	10H - 11.25"B	6.62		27834C
27835	22.5 x 8.25	10H - 11.25"B	6.62		27834C
27836	22.5 x 8.25	10H - 11.25"	6.62		27404(11)
27910	17.5 x 6.75	6H - 8.75"	5.62		28145
27913	22.5 x 13.00 WHL	10H - 11.25"	0.44		29216
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		29211
27944	22.5 x 6.75	10H - 11.25"	5.91		29222
27945	20 x 7.5 -5º	10H - 11.25"	6.50		29832TK
27952	22.5 x 12.25 WHL	10H - 11.25"	5.18	4.56	29218
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	29215(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	29218
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	29215
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(12)
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	8H - 8.75"	4.75		
28118	22.5 x 12.25 WHL	10H - 11.25"	0.44		29211
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	29215(6)
28122	22.5 x 14.00 WHL	10H - 11.25"	4.25	3.62	
28124	22.5 x 12.25WHL	10H - 11.25"	4.90	4.28	
28125	22.5 x 12.25WHL	10H - 11.25"	4.25	3.62	
28126	22.5 x 12.25 WHL	10H - 11.25"	5.75	5.12	29816TK
28127	22.5 x 13.00 WHL	10H - 11.25"	3.06		
28128	22.5 x 13.00 WHL	10H - 11.25"	0.44		29216
28132	22.5 x 12.25 WHL	10H - 11.25"	6.38	5.75	29394
28158	22.5 x 6.75	10H - 11.25"	5.93		
28165	22.5 x 12.25 WHL	10H - 11.25"	5.31	4.68	29218
28167	22.5 x 13.00 WHL	10H - 13.188"HD		7.12	28465
28169	22.5 x 13.00 WHL	10H - 11.25"	3.44	2.51	29215
28174	22.5 x 13.00 WHL	10H - 13.188"HD	6.12		
28175	22.5 x 12.25 WHL	10H - 13.188"HD	6.25		
28177	16 x 6K	8H - 6.50"	5.00		29587(12)
28184	19.5 x 13.00 WHL	10H - 11.25"	4.72	4.09	29307(13)
28308	16 x 6K	8H - 6.50"	0.50		29575
28322	16 x 6K	8H - 6.50" I OC	5.00		
28324	17.5 x 8.25HC	10H - 8.75"	6.62		28112
28326	22.5 x 13.00 WHL	10H - 11.25"	5.38	4.75	28684(5)
28327	22.5 x 13.00 WHL	10H - 11.25"	4.24	3.62	
28333	16 x 6K	8H - 6.50"	5.00		29577(12)
28338	22.5 x 13.00 WHL	10H - 13.188"HD		6.12	28465

Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replac(2)
28348	16.5 x 6.00	8H - 6.50"	5.00		
28353	16 x 6K	8H - 6.50" I OC	5.00		
28356	16.5 x 6.00	8H - 6.50" I OC	5.00		
28368	22.5 x 7.50	10H - 335mm	6.50		29164
28374	16 x 6K	8H - 6.50"	5.00		29587(12)
28375	16 x 6K	10H - 7.25	5.35		29581(12)
28377	20 x 7.5 - FL	10H - 11.25"	6.25		27945(10)
28378	16 x 6K	8H - 6.50"	0.50		29575
28379	22.5 x 13.00 WHL	10H-13.188"HD(7)		7.12	28572(5)
28396	22.5 x 13.00 WHL	10H-13.188"HD(7)		6.81	28572(5)
28414	22.5 x 6.75	8H - 275mm	5.93		28869
28415	22.5 x 7.50	8H - 275mm	6.44		29028
28433	19.5 x 14.00 WHL	10H - 11.25"	4.63	4.00	29307
28445	22.5 x 13.00 WHL	10H - 11.25"	5.88	5.25	28684
28450	22.5 x 8.25AL	10H - 285.75mm	6.59		29644
28452	24.5 x 8.25AL	10H - 285.75mm	6.59		29362
28460	20 x 6.5 - CR	8H - 275mm	6.00		NONE(3)
28466	19.5 x 6.75	8H - 275mm	5.50		28680
28473	24.5 x 8.25	10H - 11.25"	6.59		27599
28474	22.5 x 8.25	10H - 11.25"	6.59		28615
28476	22.5 x 8.25	10H - 11.25"	6.62		28476C
28492	22.5 x 7.50	10H - 335mm	6.50		29164
28511	16 x 6K	8H - 6.50"	5.00		29577
28512	16 x 6K	8H - 6.50"	5.35		29578
28513	16 x 6K	10H - 7.25	5.35		29581
28520	19.5 x 6.00	6H - 8.75"	2.50		
28532	19.5 x 6.75	8H - 275mm	5.66		28680
28537	20 x 7.5 LW	10H - 11.25"	6.50		27945(10)
28538	20 x 8.0 LW	10H - 11.25"	6.88		29842(10)
28542	22.5 x 9.00	10H - 285.75mm	7.00		29300
28546	16 x 7K	8H - 6.50"		0.25	29576
28550	22.5 x 12.25	Rear Dem	1.88		28551(6)
28560	22.5 x 8.25AL	10H - 11.25"	6.59		28632
28603	16 x 6K	8H - 6.50"	5.00		29587
28609	22.5 x 6.75	6H - 8.75"	5.93		
28612	19.5 x 6.75RW	8H - 275mm	5.60		28680
28613	22.5 x 8.25AL	10H - 285.75mm	6.59		40008
28618	16 x 6K	8H - 6.50"	5.15		29579
28623	16 x 6K	8H - 6.50"	5.00		29587
28624	22.5 x 7.50	10H - 285.75mm	2.62		
28626	22.5 x 8.25-15º	10H - 11.25"	6.59		28584
28628	22.5 x 8.25-15º	10H - 11.25"	6.59		28474
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 9.00-15º	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		
28682	16 x 6K	8H - 6.50"	5.15		
28687	24.5 x 8.25-15º	10H - 11.25"	6.59		
28689	24.5 x 8.25-15º	10H - 11.25"	6.59		
28803	22.5 x 12.25-15º	10H - 285.75mm	4.63	4.00	29806
28810	22.5 x 7.50	10H - 11.25"	6.45		28841
28820	24.5 x 8.25-15º				
28824	22.5 x 8.25-15º	10H - 11.25"	6.59		
28831	22.5 x 8.25-15º	10H - 285.75mm	6.59		
28832	22.5 x 8.25-15º	10H - 285.75mm	6.59		
28837	24.5 x 8.25-15º	10H - 285.75mm	6.59		
28839	24.5 x 8.25-15º	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 -5º	10H - 285.75mm	7.00		
28852	22.5 x 8.25-15º	10H - 11.25"	6.59		
28853	19.5 x 6.00	6H - 8.75"	5.00		29388
28855	20 x 8.5 -5º	10H - 11.25"	7.00		

(1) Outset/Inset—(Inches) See Pg. 24-25 footnote (3) 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
(9) Replacement wheel has a different disc contour which allows less clearance for brakes. Check clearance before ordering.
(10) Potential replacement has an alternate rim contour which requires different side and/or lock ring.
(11) Check clearance.
(12) This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.
(13) 14.00" Rim
(14) 12.25" Rim

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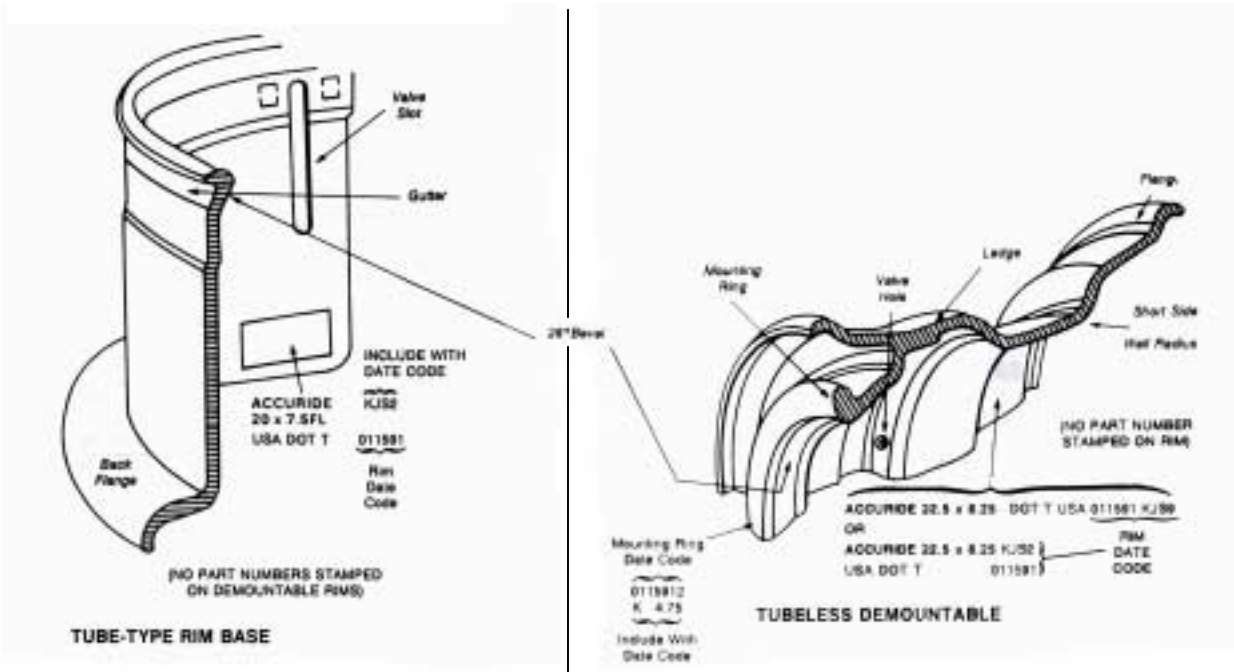
OBSOLETE PART NUMBER INDEX

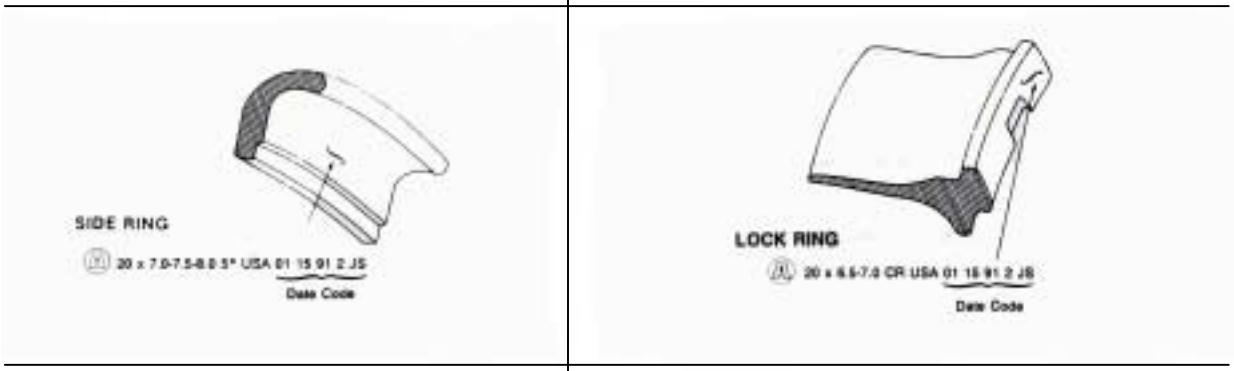
Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replac(2)
28860	16 x 6K	6H - 222.25mm	5.00		
28865	24.5 x 8.25-15º				
28867	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644/10HH's
28889	22.5 x 12.25-15º	10H - 11.25"	4.63	4.00	29815
28899	20 x 10.0 -VE 5º	10H - 11.25"	6.62	6.00	
29020	20 x 8.0 -5º	10H - 335mm	6.77		
29021	24 x 8.5 -5º	10H - 335mm	7.62		
29030	22.5 x 8.25-15º	10H - 11.25"	6.59		
29052	22.5 x 7.50-15º	8H - 285mm	162mm		
29054	22.5 x 12.25-15º	10H - 285.75mm	5.38	4.75	29807
29056	22.5 x 12.25-15º	10H - 285.75mm	6.38	5.75	29808
29507	22.5 x 13.00-15º	10H - 285.75mm	5.88	5.25	29812TK
29064	24.5 x 8.25-15º	10H - 11.25"	6.59		
29066	22.5 x 8.25-15º	10H - 11.25"	6.59		
29068	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644/10HH's
29094	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644/10HH's
29105	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644/10HH's
29110	22.5 x 8.25-15º	10H - 11.25"	6.59		28615
29112	22.5 x 8.25-15º	10H - 11.25"	6.59		28474
29118	24.5 x 8.25-15º	10H - 11.25"	6.59		28473
29120	24.5 x 8.25-15º	10H - 11.25"	6.59		28473
29126	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644
29133	22.5 x 7.50-15º	10H - 11.25"	6.59		
29137	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362/10HH's
29138	16 x 6K	8H - 6.50"	5.00		29587
29146	22.5 x 13.00-15º	10H - 285.75mm	--	0.63	29809TK
29147	22.5 x 12.25-15º	10H - 285.75mm	--	0.63	29805
29152	22.5 x 13.00-15º	10H-13.188"HD(7)		7.12	28465
29153	22.5 x 13.00-15º	10H-13.188"HD(7)		6.12	28465
29154	16 x 7K	8H - 6.50"	0.25		29576
29157	22.5 x 12.25-15º	10H-13.188"HD(7)		6.00	28465(6)
29160	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644
29161	16 x 6K	8H - 6.50"	0.50		
29162	22.5 x 8.25AL CAST	10H - 285.75mm	6.59		29644 Forged
29164	22.5 x 7.50-15º	10H - 335mm	6.31		
29165	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362
29168	24.5 x 8.25-15º	10H - 285.75mm	6.62		28827
29170	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362/10HH's
29171	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362/10HH's
29172	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644/10HH's
29173	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644/10HH's
29175	22.5 x 13.00-15º	10H-13.188"HD(7)		7.12	28572(5)
29176	22.5 x 13.00-15º	10H-13.188"HD(7)		6.81	28572(5)
29177	22.5 x 13.00-15º	10H-13.188"HD(7)		6.12	28572
29178	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362/10HH's
29179	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362/10HH's
29181	20 x 8.0 -5º	10H - 285.75mm	6.88		29842TK
29182	22.5 x 13.00-15º	10H - 11.25"	3.43	2.81	
29183	22.5 x 12.25-15º	10H - 11.25"	4.62	4.00	
29184	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362
29185	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362
29186	19.5 x 6.00RW	8H - 225mm	5.35		29584
29189	24.5 x 8.25AL-15º	10H - 285.75mm	6.59		29362
29211	22.5 x 12.25-15º	10H - 11.25"	--	0.63	29814TK
29216	22.5 x 13.00-15º	10H - 11.25"	--	0.63	29818TK
29218	22.5 x 12.25-15º	10H - 11.25"	5.38	4.75	29816
29220	22.5 x 12.25-15º	10H - 11.25"	4.63	4.00	29815TK
29221	22.5 x 12.25-15º	10H - 11.25"	2.88	2.25	29215(6)
29222	22.5 x 6.75-15º	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		29369 Forged
29301	22.5 x 13.00-15º	10H - 11.25"	4.95	4.32	29820
29303	22.5 x 13.00-15º	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		

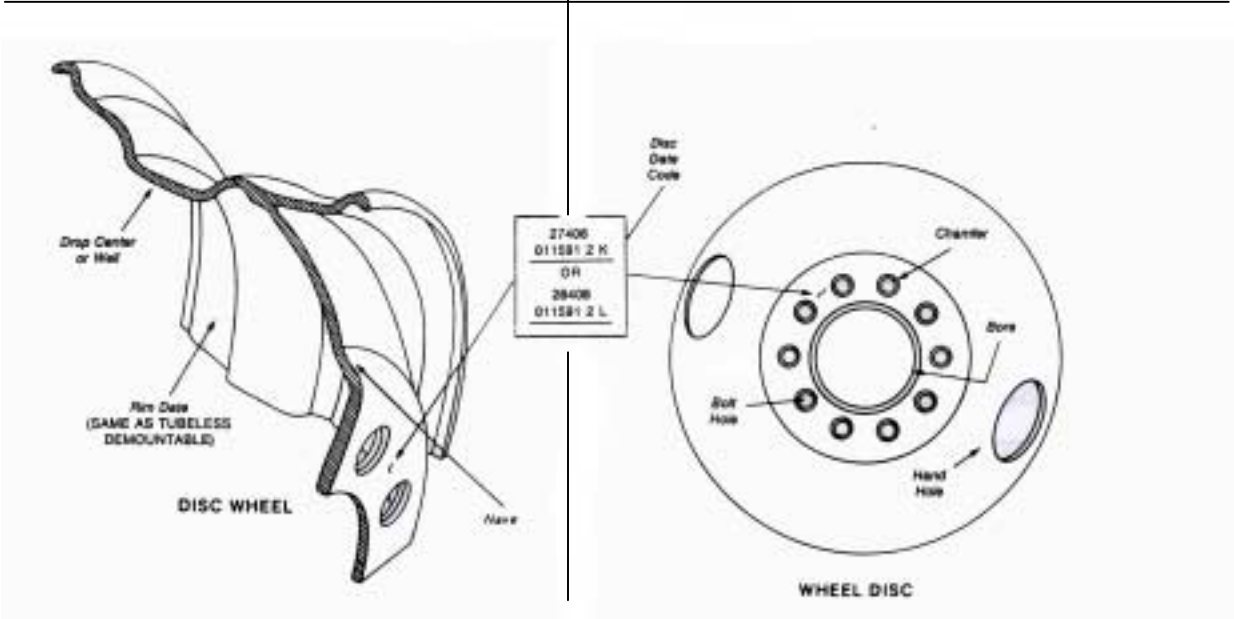
Part Number	Size	Mounting Type	Outset	Inset(1)	Potential Replac(2)
29307	19.5 x 14.00-15º	10H - 11.25"	4.63	4.00	
29309	24.5 x 8.25 CAST	10H - 285.75mm	6.59		29362 Forged
29311	20 x 10.0 -VE 5º	10H - 11.25"	1.56		
29314	22.5 x 12.25-15º	10H - 11.25"	5.31	4.68	
29318	16 x 6K	8H - 6.50"	5.15		
29319	16 x 7K	8H - 6.50"	0.25		29576
29330	24.5 x 8.25-15º	10H - 11.25"	6.62		
29330C	24.5 x 8.25-15º	10H - 11.25"	6.62		
29331	22.5 x 6.75-15º	8H - 275mm	5.70		28869
29339	17 x 7.5K	5H - 135mm	0.55		29551
29342	19.5 x 7.50RW-15º	10H - 285.75mm	6.25		29685
29344	22.5 x 8.25-15º	8H - 285mm	164mm		
29350	16 x 6K	8H - 6.50"	5.00		29587
29352	22.5 x 8.25-15º	10H - 285.75mm	6.59		29644
29360	22.5 x 8.25-15º	10H - 285.75mm	6.59		
29364	22.5 x 9.00-15º	10H - 335mm	6.93		29846
29371	19.5 x 6.00-15º	8H - 170mm	136mm		
29372	22.5 x 8.25-15º	10H - 285.75mm	6.59		40020
29390	22.5 x 8.25-15º	10H - 11.25"	6.59		
29393	20 x 10.0 -VE 5º	10H - 285.75mm	4.63		
29394	22.5 x 12.25-15º	10H - 11.25"	6.38	5.75	29817TK
29546	22.5 x 9.00-15º	10H - 285.75mm	3.12		29039(5)
29555	22.5 x 8.25AL-15º	10H - 285.75mm	6.59		29644
29571PK	22.5 x 8.25-15º	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 5º	10H - 335mm		5.00	29911
29627	22.5 x 14.00-15º	10H - 285.75mm	2.00	1.38	29890
29646	22.5 x 8.25-15º	10H - 285.75mm	6.59		29720
29784	19.5 x 6.00-15º	10H - 7.25"	4.60		27775
30872	19.5 x 13.00-15º	10H - 11.25"	0.31		
30645225	22.5 x 7.50-15º	Dem	4.50		30371225(5)
30375225	22.5 x 7.50-15º	Dem	4.40		30391225(5)
30375245	24.5 x 8.25-15º	Dem	4.40		30391245(5)
31871225	22.5 x 6.75-15º	Dem	3.90		
31061	22.5 x 14.00-15º	Rear Dem			31659(6)
31291	22.5 x 12.25-15º	Front Dem		1.11	31674
31292	22.5 x 12.25-15º	Front Dem		2.00	
31293	22.5 x 12.25-15º	Front Dem		2.62	
31294	22.5 x 12.25-15º	Front Dem		3.00	31674
31295	22.5 x 12.25-15º	Front Dem		3.44	31674(5)
31296	22.5 x 12.25-15º	Front Dem		3.75	31677(5)
31297	22.5 x 12.25-15º	Front Dem		4.00	31677
31298	22.5 x 12.25-15º	Front Dem		4.44	31677(5)
31299	22.5 x 12.25-15º	Front Dem		4.75	31679
31300	22.5 x 12.25-15º	Front Dem		5.44	
31614	22.5 x 12.25-15º	Front Dem(4)		4.75	
31656	22.5 x 13.00-15º	Front Dem		3.94	13228
31671	22.5 x 12.25-15º	Front Dem		1.10	31674(14)(5)
31673	22.5 x 12.25-15º	Front Dem		2.62	
31675	22.5 x 12.25-15º	Front Dem		3.44	31674(5)
31676	22.5 x 12.25-15º	Front Dem		3.75	31677(5)
31678	22.5 x 12.25-15º	Front Dem		4.44	31677
31680	22.5 x 12.25-15º	Front Dem		5.44	31679(5)
31681	22.5 x 13.00-15º	Front Dem		3.50	13228(5)
31682	22.5 x 13.00-15º	Front Dem		4.75	13228
31686225	22.5 x 9.00-15º	Dem	5.00		32052-22.5
31689	22.5 x 13.00-15º	Front Dem		4.50	13228(5)
31703	22.5 x 12.25-15º	Front Dem		4.00	31677
31716175	17.5 x 6.75HC	Dem	4.00		31868-17.5
31986	22.5 x 12.25-15º	Front Dem		4.44	31677
PS2200	22.5 x 8.25-15º	10H - 285.75mm	6.62		
PS2205	22.5 x 8.25-15º	10H - 11.25"	6.62		
PS2210	22.5 x 8.25-15º	10H - 285.75mm	6.62		

(1) Outset/Inset—(Inches) See Pg. 24-25 footnote (3) 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
(9) Replacement wheel has a different disc contour which allows less clearance for brakes. Check clearance before ordering.
(10) Potential replacement has an alternate rim contour which requires different side and/or lock ring.
(11) Check clearance.
(12) This wheel has a .453" valve hole. Wheels supplied on original vehicle have a .625" valve hole.
(13) 14.00" Rim
(14) 12.25" Rim

ACCURIDE TYPICAL PRODUCT STAMPING







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% 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 45)**.**

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.

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 50).

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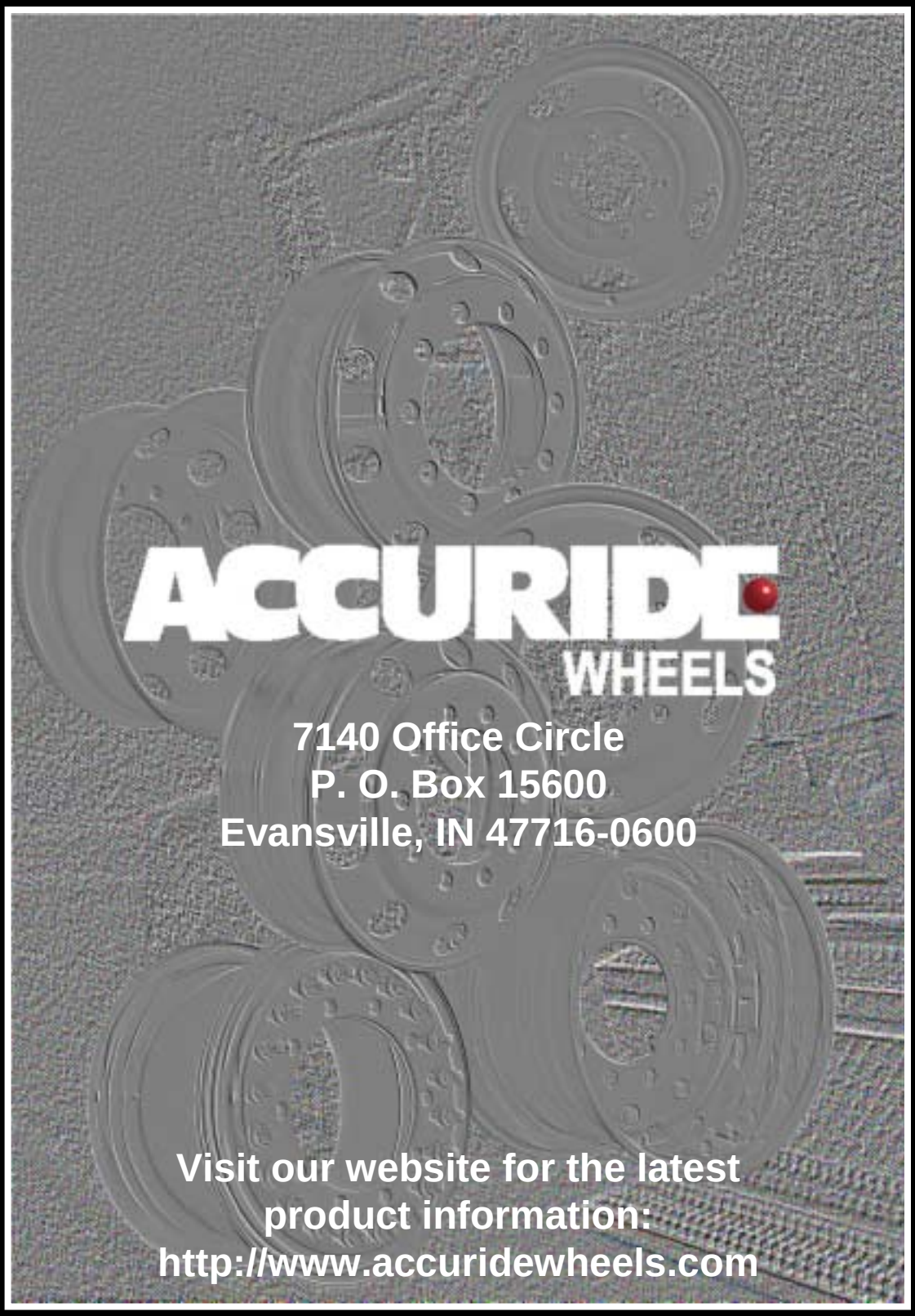
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