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Revolutions

# PIONEER RIM & WHEEL CO

June 15, 2010



## Alcoa Forged Application Guide



Classic

Vehicle Information								Lt Truck/SUV (accessories not included)	Dually (accessories not included)	Accessories for Classics (Not Included with Wheel)				
Make	Model	MY	BP	Drive	Axle	Hub	Lug Nut Thread	Classic	Classic	Front Cover Options	Rear Cover Options	Lug Nut Cover	Lug Nut	Lug Nut Torque (ft. lbs.)
Chevrolet	Avalanche 2500 Pickup	02-09	8x6.5	4x2, 4x4	Single	4.92	M14x1.5	478481, 167041		3167, 3267, 3611	3167, 4167	78	5014	100-110
Chevrolet	C/P/G300	88-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150
Chevrolet	C-2500HD, K-2500HD, C-3500, K-3500 Pickup	88-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150
Chevrolet	C-2500HD, K-2500HD Pickup - 8 lug	88-00	8x6.5	4x2, 4x4	Single	4.60	M14x1.5	478481, 167041	176411 (F) - 176412 (R)	3611	3612	190	139698	130-150
Chevrolet	C-3500, K-3500 Chassis Cab	88-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150
Chevrolet	C-3500, K-3500 Pickup	88-00	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481, 167041		3167, 3267, 3611	3167, 4167	78	5014	100-110
Chevrolet	G30 Chassis	76-96	8x6.5	4x2, 4x4	Dual	4.57	9/16x18		160231 (F) - 160232 (R)	3611	3612	190	139987	130-150
Chevrolet	G30 Chassis	91-04	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481, 167041		3167, 3267, 3611	3167, 4167	78	5014	100-110
Chevrolet	G30 Chassis	97-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150
Chevrolet	GE GS2500 Van, P2500 Step Van	71-95	8x6.5	4x2	Single	4.61	9/16x18	478481, 167041		3167, 3267, 3611	3167, 4167	78	5916	120-140
Chevrolet	GE GS2500 Van, P2500 Step Van	96-04	8x6.5	4x2	Single	4.61	M14x1.5	478481, 167041		3167, 3267, 3611	3167, 4167	78	5014	100-110
Chevrolet	GE GS3500 Van	76-96	8x6.5	4x2	Dual	4.57	9/16x18		160231 (F) - 160232 (R)	3611	3612	190	139987	130-150
Chevrolet	GE GS3500 Van	97-00	8x6.5	4x2	Dual	4.57	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150
Chevrolet	P3500	88-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150
Chevrolet	Silverado C-2500, K-2500, C-2500HD, K-2500HD, C-3500, K-3500 Pickup	99-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481		3167, 3267, 3611	3167, 4167	78	5014	100-110
Chevrolet	Silverado C-3500, K-3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.60	M14x1.5		176411 (F) - 176412 (R)	3611	3612	190	139698	130-150
Chevrolet	Suburban K1500HD SUV	00-09	8x6.5	4x4	Single	4.61	M14x1.5	478481		3167, 3267, 3611	3167, 4167	78	5014	100-110
Chevrolet	Suburban K2500 SUV	00-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481		3167, 3267, 3611	3167, 4167	78	5014	100-110
Chevrolet	Suburban K2500 SUV	88-91	8x6.5	4x4	Single	4.61	9/16x18	478481, 167041		3167, 3267, 3611	3167, 4167	78	5916	120-140
Chevrolet	Suburban K2500 SUV	92-99	8x6.5	4x4	Single	4.61	M14x1.5	478481, 167041		3167, 3267, 3611	3167, 4167	78	5014	100-110
Dodge	Ram 2500 Pickup	46-93	8x6.5	4x2, 4x4	Single	4.80	9/16x18	478481, 167041		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram 2500 Pickup (Excluding Quad Cab with V10 or diesel engine)	94-09	8x6.5	4x2, 4x4	Single	4.80	9/16x18	478481		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram 2500 Van/Wagon	46-93	8x6.5	4x2	Single	4.80	9/16x18	478481, 167041		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram 2500 Van/Wagon	94-09	8x6.5	4x2	Single	4.80	9/16x18	478481		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Pickup	46-93	8x6.5	4x2, 4x4	Single	4.80	9/16x18	478481, 167041		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Pickup	94-09	8x6.5	4x2, 4x4	Single	4.80	9/16x18	478481		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.77	9/16x18		176401 (F) - 176402 (R)	3611	3612	190	139987	130-150
Dodge	Ram 3500 Van/Wagon	46-93	8x6.5	4x2	Single	4.80	9/16x18	478481, 167041		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Van/Wagon	94-09	8x6.5	4x2	Single	4.80	9/16x18	478481		3167, 3267, 3611	3167, 4167	78	5916	120-140
Dodge	Ram B300/350 Van/Wagon	73-00	8x6.5	4x2, 4x4	Single	<5.16	1/2x20	167041		3167, 3267, 3611	3167, 4167	78	5120	90-100
Dodge	Ram D200/250 Pickup	68-93	8x6.5	4x2, 4x4	Single	<5.16	1/2x20	167041		3167, 3267, 3611	3167, 4167	78	5120	90-100
Dodge	Ram D200/250 Van/Wagon	68-93	8x6.5	4x2, 4x4	Single	<5.16	1/2x20	167041		3167, 3267, 3611	3167, 4167	78	5120	90-100
Ford	E200 Super Duty Econoline Wagon/Van	86-98	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041		3167, 3267, 3611	2167, 3167	78	5916	120-140
Ford	E250 Super Duty Econoline Wagon/Van	48-97	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041		3167, 3267, 3611	2167, 3167	78	5916	120-140
Ford	E250 Super Duty Econoline Wagon/Van	98-02	8x6.5	4x2, 4x4	Single	<5.16	M14x2.0	478481		3167, 3267, 3611	2167, 3167	78	5015	120-140
Ford	E300 Super Duty Econoline Wagon/Van	68-98	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041		3167, 3267, 3611	2167, 3167	78	5916	120-140
Ford	E350 Super Duty Econoline Wagon/Van	48-97	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041		3167, 3267, 3611	2167, 3167	78	5916	120-140
Ford	E350 Super Duty Econoline Wagon/Van	87-08	8x6.5	4x2, 4x4	Dual	4.88	9/16x18		160241 (F) - 160242 (R)	1611, 1681	1612	190	139987	130-150
Ford	E350 Super Duty Econoline Wagon/Van	98-02	8x6.5	4x2, 4x4	Single	<5.16	M14x2.0	478481		3167, 3267, 3611	2167, 3167	78	5015	120-140
Ford	E450 Super Duty Van	99-08	8x6.5	4x2, 4x4	Dual	4.88	9/16x18		160241 (F) - 160242 (R)	1611, 1681	1612	190	139987	130-150
Ford	E450 Super Duty Van	99-08	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041		3167, 3267, 3611	3167, 4167	78	5916	120-140
Ford	F250 Super Duty Pickup	48-97	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041		3167, 3267, 3611	2167, 3167	78	5916	120-140
Ford	F350 Super Duty Pickup	48-97	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041		3167, 3267, 3611	2167, 3167	78	5916	120-140
Ford	F350 Super Duty Pickup	84-98	8x6.5	4x2	Dual	4.88	9/16x18		160241 (F) - 160242 (R)	1611, 1681	1612	190	139987	130-150
Ford	F350 Super Duty Pickup	87-98	8x6.5	4x4	Dual	4.88	9/16x18		160281 (F) - 160282 (R)	1611, 1681	1612	190	139987	130-150
Ford	F350 Super Duty Pickup	08-09	8x7.87	4x2, 4x4	Dual	5.60	M14x1.5		176461 (F) - 176462 (R)	OEM	OEM	190	139698	130-150
Ford	F450 Super Duty Truck	05-08	10x8.86	4x2, 4x4	Dual	6.70	M14x2.0		763201 (F) - 763202 (R)	001004	001005	NA	39913	130-150
Ford	F450 Super Duty Truck								763800, 763801(F) - 763802 (R)	1102*	1103*	190	39913	130-150
Ford	F550 Super Duty Truck	00-04	8x8.86	4x2, 4x4	Dual	6.70	M14x2.0		763201 (F) - 763202 (R)	OE	OE	NA	39913	130-150
Ford	F550 Super Duty Truck	00-04	8x8.86	4x2, 4x4	Dual	6.70	M14x2.0		763801(F) - 763802 (R)	1102*	1103*	190	39913	130-150
GMC	C-2500HD, K-2500HD, C-3500, K-3500 Pickup	88-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150



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Vehicle Information								Lt Truck/SUV (accessories not included)	Dually (accessories not included)	Accessories for Classics (Not Included with Wheel)				Lug Nut Torque (ft. lbs.)
Make	Model	MY	BP	Drive	Axle	Hub	Lug Nut Thread	Classic	Classic	Front Cover Options	Rear Cover Options	Lug Nut Cover	Lug Nut	
GMC	C-2500HD, K-2500HD, C-3500, K-3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.60	M14x1.5		176411 (F) - 176412 (R)	3611	3612	190	139698	130-150
GMC	C-2500HD, K-2500HD Pickup - 8 lug	88-00	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481, 167041		3167, 3267, 3611	3167, 4167	78	5014	100-110
GMC	C-3500, K-3500 Chassis Cab	88-00	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5		160231 (F) - 160232 (R)	3611	3612	190	139698	130-150
GMC	C-3500, K-3500 Pickup	88-00	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481, 167041		3167, 3267, 3611	3167, 4167	78	5014	100-110
GMC	Sierra C-2500, C-2500HD, K-2500, K-2500HD, C-3500, K-3500 Pickup	99-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481		3167, 3267, 3611	3167, 4167	78	5014	100-110
GMC	Sierra C-3500, K-3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.60	M14x1.5		176411 (F) - 176412 (R)	3611	3612	190	139698	130-150
GMC	Yukon 2500 XL SUV	00-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481		3167, 3267, 3611	3167, 4167	78	5014	100-110
Hummer	H2	03-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481		3167, 3267, 3611	3167, 4167	78	5014	100-110
Trailer	8000 to 12000 lb. axles	Various	8x6.5	NA	Single	4.77	5/8x18	661401		1611, 1612, 2167, 3167, 3611	1611, 1612, 2167, 3167, 3611	190	39946	140-160
Trailer	Up to 7000 lb. axles	Various	8x6.5	NA	Single	5.16	1/2x20	665401		2167, 3167, 3611	2167, 3167, 3611	78	5120	90-100
Trailer	Up to 7000 lb. axles	Various	8x6.5	NA	Single	5.16	9/16x18	665401		2167, 3167, 3611	2167, 3167, 3611	78	5916	120-140

## NOTES:

Before mounting the tire, perform a wheel fitment check to ensure proper clearance from any obstructions.

See Alcoa wheel service manuals and catalogs, your vehicle dealer or Alcoa representative for information on proper vehicle fitment procedures or before servicing these wheels for proper load inflation and part compatibility information.

Check with your dealer or Alcoa resources for proper load inflation and part compatibility information before servicing these wheels.

Refer to the Alcoa Wheel Fitment Guide for detailed vehicle application, hardware and Alcoa accessory information.

Please note: changing from original equipment tire size to aftermarket tire size can affect speedometer.

Specifications are subject to change without notice.

Do not exceed maximum wheel load.

Compare OEM vehicle load rating to maximum wheel load rating.

Do not overinflate.

Refer to tire manufacturer's recommendation for proper tire pressure.

Do not use abrasive polishes or cleaners on Clearcoat or Chrome wheels. Do not use Alcoa Aluminum Care System products on Clearcoat or Chrome wheels.

Dually wheels have finish options - xxxxx(1) Polished Outside, xxxxx(2) Polished Inside, (R) is rear, (F) is front.

Some wheels also have an xxxxx(0) Machine Finish

Offset (positive or negative) - The horizontal distance from the rim centerline to the mounting face of the wheel. Positive places the rim centerline inboard of the wheel mounting face. Negative places the rim centerline outboard of the wheel mounting face.

Backspace - The horizontal distance from the wheel mounting surface to the inboard rim flange.

Capacity ratings as single in highway service - bias-ply or radial.

\* 1102 = 2 front axle end covers, 1103 = 2 rear axle end covers, Kit 110203 = two front axle end covers and two rear axle end covers

\*\* 001004 = 2 front axle end covers, 001005 = 2 rear axle end covers, Kit 100450 = two front axle end covers and two rear axle end covers

f.o.b. our warehouses  
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