

# Alcoa Forged Application Guide



Vehicle Information							Lt Truck/SUV (accessories not included)		Dually (accessories not included)		Accessories for Classic, LTS, Hot Shot (Not Included with Wheel) Lug Nut Torque (ft. lbs.)					
Make	Model	MY	BP	Drive	Axle	Hub	Lug Nut Thread	Classic	LTS	Classic	Hot Shot	Front Cover Options	Rear Cover Options	Lug Nut Cover	Lug Nut	Torque
Cadillac	Escalade including ESV / EXT	07-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Cadillac	Escalade including ESV / EXT	02-06	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Avalanche 1500 Pickup	07-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Avalanche 1500 Pickup	02-06	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Avalanche 2500 Pickup	02-09	8x6.5	4x2, 4x4	Single	4.92	M14x1.5	478481, 167041	167031			3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	C/P/G300	88-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5			160231 (F) - 160232		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		3611	3612	190	139698	130-150
Chevrolet	C-2500HD, K-2500HD, C-3500, K-3500 Pickup	01-09	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5				163251 (F) - 163252	3611	3612	190	139698	130-150
Chevrolet	C-2500HD, K-2500HD, C-3500, K-3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5				176411 (F) - 176412	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	167031			3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	C-3500, K-3500 Chassis Cab	01-09	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5				163251 (F) - 163252	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		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	167031			3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	G30 Chassis	76-96	8x6.5	4x2, 4x4	Dual	4.57	9/16x18			160231 (F) - 160232		3611	3612	190	139987	130-150
Chevrolet	G30 Chassis	91-04	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481, 167041				3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	G30 Chassis	97-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5			160231 (F) - 160232		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	167031			3167, 3267,	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	167031			3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	GE GS3500 Van	76-96	8x6.5	4x2	Dual	4.57	9/16x18			160231 (F) - 160232		3611	3612	190	139987	130-150
Chevrolet	GE GS3500 Van	97-00	8x6.5	4x2	Dual	4.57	M14x1.5			160231 (F) - 160232		3611	3612	190	139698	130-150
Chevrolet	K-1500 Pickup	88-98	6x5.5	4x4	Single	3.08	M14x1.5									
Chevrolet	P3500	88-00	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5			160231 (F) - 160232		3611	3612	190	139698	130-150
Chevrolet	Silverado C-1500, C-1500HD, K-1500, K-1500HD Pickup	07-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Silverado C-1500, C-1500HD, K-1500, K-1500HD Pickup	99-06	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Silverado C-2500, K-2500, C-2500HD, K-2500HD, C-3500, K-3500 Pick	99-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481				3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	Silverado C-3500, K-3500 Pickup	99-09	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5				163251 (F) - 163252	3611	3612	190	139698	130-150
Chevrolet	Silverado C-3500, K-3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.60	M14x1.5				176411 (F) - 176412	3611	3612	190	139698	130-150
Chevrolet	Suburban C1500/K1500 SUV	07-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Suburban C1500/K1500 SUV	00-06	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Suburban K1500 SUV	92-99	6x5.5	4x4	Single	3.08	M14x1.5									
Chevrolet	Suburban K1500HD SUV	00-09	8x6.5	4x4	Single	4.61	M14x1.5	478481				3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	Suburban K2500 SUV	00-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481				3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	Suburban K2500 SUV	88-91	8x6.5	4x4	Single	4.61	9/16x18	478481, 167041	167031			3167, 3267,	3167, 4167	78	5916	120-140
Chevrolet	Suburban K2500 SUV	92-99	8x6.5	4x4	Single	4.61	M14x1.5	478481, 167041	167031			3167, 3267,	3167, 4167	78	5014	100-110
Chevrolet	Tahoe SUV - Hybrid	08-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Tahoe SUV	07-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Tahoe SUV	00-06	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
Chevrolet	Tahoe SUV	92-99	6x5.5	4x4	Single	3.08	M14x1.5									
Chevrolet	Tracker SUV	92-04	5x5.5	4x2, 4x4	Single	4.25	M12x1.5									
Dodge	Dakota	05-08	5x5.5	4x2, 4x4	Single	3.06	9/16x18									
Dodge	Durango	04-08	5x5.5	4x2, 4x4	Single	3.06	9/16x18									
Dodge	Ram 1500 Pickup - ST, SLT, Laramie, TRX4	06-09	5x5.5	4x2, 4x4	Single	3.06	9/16x18									
Dodge	Ram 1500 Pickup - Sport	06-09	5x5.5	4x2, 4x4	Single	3.06	9/16x18									
Dodge	Ram 1500 Pickup	94-01	5x5.5	4x2, 4x4	Single	3.06	1/2x20							78	5120	90-100
Dodge	Ram 1500 Pickup Mega Cab	06-09	8x6.5	4x2, 4x4	Single	3.06	9/16x18									
Dodge	Ram 2500 Pickup	46-93	8x6.5	4x2, 4x4	Single	4.80	9/16x18	478481, 167041	167031			3167, 3267,	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,	3167, 4167	78	5916	120-140
Dodge	Ram 2500 Van/Wagon	46-93	8x6.5	4x2	Single	4.80	9/16x18	478481, 167041	167031			3167, 3267,	3167, 4167	78	5916	120-140
Dodge	Ram 2500 Van/Wagon	94-09	8x6.5	4x2	Single	4.80	9/16x18	478481				3167, 3267,	3167, 4167	78	5916	120-140
Dodge	Ram 2500HD Pickup with Quad Cab and V10 or diesel engine	94-04	8x6.5	4x2, 4x4	Single	4.80	9/16x18					3167, 3267,	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Pickup	46-93	8x6.5	4x2, 4x4	Single	4.80	9/16x18	478481, 167041	167031			3167, 3267,	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Pickup	94-09	8x6.5	4x2, 4x4	Single	4.80	9/16x18	478481				3167, 3267,	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Pickup	94-99	8x6.5	4x2, 4x4	Dual	4.78	9/16x18			160291 (F) -		1611, 1681	1612	190	139987	130-150
Dodge	Ram 3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.77	9/16x18			176401 (F) - 176402		3611	3612	190	139987	130-150
Dodge	Ram 3500 Pickup - 16" diameter OE	00-09	8x6.5	4x2, 4x4	Dual	4.78	9/16x18			160291 (F) -		1611, 1681	1612	190	139987	130-150
Dodge	Ram 3500 Van/Wagon	46-93	8x6.5	4x2	Single	4.80	9/16x18	478481, 167041	167031			3167, 3267,	3167, 4167	78	5916	120-140
Dodge	Ram 3500 Van/Wagon	94-09	8x6.5	4x2	Single	4.80	9/16x18	478481				3167, 3267,	3167, 4167	78	5916	120-140
Dodge	Ram B300/350 Van/Wagon	73-00	8x6.5	4x2, 4x4	Single	<5.16	1/2x20	167041	167031			3167, 3267,	3167, 4167	78	5120	90-100
Dodge	Ram D200/250 Pickup	68-93	8x6.5	4x2, 4x4	Single	<5.16	1/2x20	167041	167031			3167, 3267,	3167, 4167	78	5120	90-100
Dodge	Ram D200/250 Van/Wagon	68-93	8x6.5	4x2, 4x4	Single	<5.16	1/2x20	167041	167031			3167, 3267,	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	167031			3167, 3267,	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	167031			3167, 3267,	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,	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	167031			3167, 3267,	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	167031			3167, 3267,	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		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,	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		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	167031			3167, 3267,	3167, 4167	78	5916	120-140
Ford	Expedition	03-08	6x5.32	4x2, 4x4	Single	3.43	M14x2.0									
Ford	F150 Super Duty Pickup	04-09	6x5.32	4x2, 4x4	Single	3.43	M14x2.0									
Ford	F250 Super Duty Pickup	48-97	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041	167031			3167, 3267,	2167, 3167,	78	5916	120-140
Ford	F250 Super Duty Pickup	05-09	8x7.87	4x2, 4x4	Single	4.92	M14x1.5									
Ford	F350 Super Duty Pickup	48-97	8x6.5	4x2, 4x4	Single	<5.16	9/16x18	478481, 167041	167031			3167, 3267,	2167, 3167,	78	5916	120-140
Ford	F350 Super Duty Pickup	84-98	8x6.5	4x2	Dual	4.88	9/16x18			160241 (F) - 160242		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		1611, 1681	1612	190	139987	

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Vehicle Information							Lt Truck/SUV (accessories not included)		Dually (accessories not included)		Accessories for Classic, LTS, Hot Shot (Not Included with Wheel) Lug Nut Torque (ft. lbs.)					
Make	Model	MY	BP	Drive	Axle	Hub	Lug Nut Thread	Classic	LTS	Classic	Hot Shot	Front Cover Options	Rear Cover Options	Lug Nut Cover	Lug Nut	Torque
Ford	F450 Super Duty Truck	05-08	10x8.86	4x2, 4x4	Dual	6.70	M14x2.0			763201 (F) - 763202 763800, 763801(F) - 763802 (R)		001004	001005	NA	39913	130-150
Ford	F450 Super Duty Truck	00-04	8x8.86	4x2, 4x4	Dual	6.70	M14x2.0					1102*	1103*	190	39913	130-150
Ford	F550 Super Duty Truck	05-08	10x8.86	4x2, 4x4	Dual	6.70	M14x2.0			763201 (F) - 763202		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		1102*	1103*	190	39913	130-150
Ford	F-Super Duty Pickup 10-hole	87-98	10x7.25	4x2, 4x4	Dual	5.46	9/16x18			160301 (F) - 160302		11911	11912	190	139987	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		3611	3612	190	139698	130-150
GMC	C-2500HD, K-2500HD, C-3500, K-3500 Pickup	01-09	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5				163251 (F) - 163252	3611	3612	190	139698	130-150
GMC	C-2500HD, K-2500HD, C-3500, K-3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.60	M14x1.5			176411 (F) - 176412		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	167031			3167, 3267,	3167, 4167	78	5014	100-110
GMC	C-3500, K-3500 Chassis Cab	01-08	8x6.5	4x2, 4x4	Dual	4.57	M14x1.5				163251 (F) - 163252	3611	3612	190	139698	130-150
GMC	C-3500, K-3500 Chassis Cab	88-00	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5			160231 (F) - 160232		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	167031			3167, 3267,	3167, 4167	78	5014	100-110
GMC	K-1500 Pickup	88-98	6x5.5	4x4	Single	3.08	M14x1.5									
GMC	Sierra C-1500, K-1500 Pickup, including Denali	07-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
GMC	Sierra C-1500, K-1500 Pickup, including Denali	99-06	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
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,	3167, 4167	78	5014	100-110
GMC	Sierra C-3500, K-3500 Pickup	99-09	8x6.5	4x2, 4x4	Dual	4.61	M14x1.5				163251 (F) - 163252	3611	3612	190	139698	130-150
GMC	Sierra C-3500, K-3500 Pickup	08-09	8x6.5	4x2, 4x4	Dual	4.60	M14x1.5			176411 (F) - 176412		3611	3612	190	139698	130-150
GMC	Yukon SUV - Hybrid	08-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
GMC	Yukon 1500 Denali SUV	07-09	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
GMC	Yukon 1500, including XL and Denali SUV	00-06	6x5.5	4x2, 4x4	Single	3.08	M14x1.5									
GMC	Yukon 2500 XL SUV	00-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481				3167, 3267,	3167, 4167	78	5014	100-110
GMC	Yukon-Denali SUV	92-99	6x5.5	4x4	Single	3.08	M14x1.5									
Hummer	H2	03-09	8x6.5	4x2, 4x4	Single	4.61	M14x1.5	478481				3167, 3267,	3167, 4167	78	5014	100-110
Jeep	Wrangler	86-08	5x4.5	4x2, 4x4	Single	2.81	1/2x20									
Lincoln	Mark Lt	06-08	6x5.32	4x2, 4x4	Single	3.43	M14x2.0									
Lincoln	Navigator	03-08	6x5.32	4x2, 4x4	Single	3.43	M14x2.0									
Nissan	Titan/Armada	04-08	6x5.5	4x2, 4x4	Single	3.06	M12x1.25									
Toyota	FJ Cruiser	07-08	6x5.5	4x2, 4x4	Single	4.25	M12x1.5									
Toyota	Land Cruiser	98-08	5x5.9	4x2, 4x4	Single	4.33	M14x1.5									
Toyota	Sequoia	01-07	6x5.5	4x2, 4x4	Single	4.25	M12x1.5									
Toyota	Sequoia	2008	5x5.9	4x2, 4x4	Single	4.33	M14x1.5									
Toyota	Tacoma	01-04	6x5.5	4x4	Single	4.17	M12x1.5									
Toyota	Tacoma - with OE 16"	05-08	6x5.5	4x2, 4x4	Single	4.17	M12x1.5									
Toyota	Tundra	07-08	5x5.9	4x2, 4x4	Single	4.33	M14x1.5									
Toyota	Tundra	00-06	6x5.5	4x2, 4x4	Single	4.17	M12x1.5									
Trailer	8000 to 12000 lb. axles	Various	8x6.5	NA	Single	4.77	5/8x18	661401				1611, 1612,	1611, 1612,	190	39946	140-160
Trailer	8000 to 12000 lb. axles	Various	8x6.5	NA	Single	4.88	5/8x18					1611, 1612,	1611, 1612,	190	39946	140-160
Trailer	Up to 7000 lb. axles	Various	8x6.5	NA	Single	5.16	1/2x20	665401				2167, 3167,	2167, 3167,	78	5120	90-100
Trailer	Up to 7000 lb. axles	Various	8x6.5	NA	Single	5.16	9/16x18	665401				2167, 3167,	2167, 3167,	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 - xxxx(1) Polished Outside, xxxx(2) Polished Inside, (R) is rear, (F) is front.

Some wheels also have an xxxx(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