

**CA27**

Effective

April

2026

**AFA**

**INDUSTRIES**

™

**Heavy Duty  
Engine Parts**



# TURBOCHARGERS

## PARTS CATALOG

AFA REPLACEMENT PARTS FOR MAJOR DIESEL PLATFORMS



**AFA Q<sup>3</sup> TECHNOLOGY**

*Quality Materials • Quality Engineering • Quality Manufacturing*

™

### AFA TURBO UPGRADE FEATURES

1. All turbos manufactured with **billet compressor wheel upgrade** to add strength, durability, reduce weight, and spool faster for increased throttle response.
2. Titanium coated wheels available adding **strength, longevity, resists fatigue and deformation**.
3. High moly and graphite housings giving **superior durability, thermal protection** against distortion, reduced friction and wear properties.
4. Yellow zinc coated actuators provide **superior durability against corrosion**, maintains smooth operation and consistent boost.
5. Upgraded turbine shafts for DD platforms to **prevent known OEM shaft failures**.

APPLICATION/ ENGINE	AFA PART NUMBER	NOTE	CROSS REFERENCES
<b>DETROIT DIESEL - SERIES 60</b>			
Detroit 12.7	<u><a href="#">AFA-172743</a></u>	<i>Pneumatic waste gate</i>	23528062, 23525463, 23528064, 23528059, 23528052, 23528069, 23528065, 23526016, 23522312, 23526271, 23522190, 23526672
Detroit 12.7	<u><a href="#">AFA-171702</a></u>	<i>Non-waste gated</i>	171702, 171702R, 198074D, 23518588, 23518597, 23523197, 2585838C91, 4667130005, 4667130006, 466713-5005, 466713-5006, 466713-9005, 466713-9006, 471702, 70000050124, E23518588, E23518597, R23518588
Detroit 12.7	<u><a href="#">AFA-171702HP</a></u>	<i>Improved anti-surge capabilities, upgraded turbine design to prevent S400 failure points</i>	171702, 171702R, 198074D, 23518588, 23518597, 23523197, 2585838C91, 4667130005, 4667130006, 466713-5005, 466713-5006, 466713-9005, 466713-9006, 471702, 70000050124, E23518588, E23518597, R23518588
Detroit 14.0 DDEC V	<u><a href="#">AFA-758204-5007</a></u>	<i>Pneumatic waste gate</i>	752389-0002, 752389-0007, 752389-0012, 752389-5002, 752389-5007, 752389-5012, 752389-9002, 752389-9007, 752389-9012, 758204-0007, 758204-9007, 758204-9007S, AP80054, E23533361, E23534356, E23534361, R23533361
Detroit 14.0 DDEC VI	<u><a href="#">D23536422</a></u>	<i>Electronic VGT</i>	23539062, 23539570, 23536802, 5352845, 5329513
<b>DETROIT DIESEL - DD15</b>			
DD15	<u><a href="#">DA4720962499</a></u>	<i>EPA07 / 472901</i>	A4720960599, A4720960899, A4720961399, A4720961699, A4720962199, A4720962499, EA4720960699
DD15	<u><a href="#">DA4720962499</a></u>	<i>EPA10 / 472903</i>	A4720960599, A4720960899, A4720961399, A4720961699, A4720962199, A4720962499, EA4720960699
DD15	<u><a href="#">DA4720901480</a></u>	<i>GHG14 / 472906-472909</i>	4710904880, 4710907480, 4720901880, 4720902880, A4710904880, A4710907480, A4720901880, A4720902880, EA4710904880, EA4710907480, EA4720901880, EA4720902880, R4720901880, R4720902880, RA4710904880
DD15	<u><a href="#">DA4720901880</a></u>	<i>GHG17 / 472910</i>	4710904880, 4710907480, 4720901880, 4720902880

APPLICATION/ ENGINE	AFA PART NUMBER	NOTE	CROSS REFERENCES
<b>DETROIT DIESEL - DD13</b>			
DD13	<u>DA4710907280</u>	GHG17	4710966699, 4710967899, 4710967999, 4710968699, 4710968799, A4710962399, A4710962799, A4710962899, A4710964399, A4710964499, A4710964599, A4710966499, A4710966699, A4710967899, A4710968699, A4710968799, EA4710962399, EA4710962799, EA4710962899, EA4710964399
DD13	<u>DA4710967399</u>	GHG14	4710963599, 4710967599, 4710963699, 4710967099, 4710963799, 4710967499, 4710966199, 4710964099, 4710965999, 4710966299, 4710966099, 4710966299
DD13	<u>DA4710967899</u>	EPA10	4710962399, 13879720050, 170-070-2332, EA4710967999, 4710962799, 13879720087, 170-070-2954, EA4710968699, 4710962899, 13879720087, A4710962399, EA4710968699
<b>CATERPILLAR</b>			
CAT C12	<u>AFA-172743</u>	C12 2KS Serials	23526679, 23523040, 0R7575, 23522189, 23528052, 23525462, 0R7578, 23522190, 23528059, 23525464, 0R7579, 23522312, 23528062, 23526682, 0R7292
CAT C13	<u>2847707</u>	High Pressure - KCB Serials	10R2473, 10R-2473, 10R2862, 10R-2862, 10R8733, 10R-8733, 127TC21202000, 2394020, 239-4020, 2395652, 239-5652, 2395653, 239-5653, 2421290, 242-1290, 2524588, 252-4588
CAT C13	<u>2955581</u>	Low Pressure - KCB Serials	0R2027, 10R2027, 10R-2027, 2395581, 239-5581, 2395583, 239-5583, 500:496, 500:498, 500:546, 500496, 500498, 500546, 70000010325, 7000-001-0325
CAT 3406E/ C15	<u>C13278XT</u>	Stage 1 Single Turbo, Available in V-Band outlet	177148, 14969880000, 0R7152, 0R7923, 0R7310, 0R6989, 0R7203, 0R7223, 0R6986, 0R7201
CAT 3406E/ C15	<u>C13280XT</u>	Available in V-Band outlet	BUL56832, MMWX.CAT.80132
CAT 3406E/ C15	<u>C14578XT</u>	Stage 2 Single Turbo, Available in V-Band outlet	BW.CAT.78145
CAT 3406E/ C15	<u>C14580XT</u>	Stage 3 Single Turbo, Available in V-Band outlet	60007, BUL56 845, 14007100003
CAT C16	<u>AFA17593</u>	165 A/R, 27 PSI, 78mm compressor wheel	159-8542, 0R-7275, 0R7275, 161-6352, 0R-7285, 0R7285, 196-5952, 0R-7924, 0R7924, 471147-0007, 705152-0003, 705152-0007, 471147-5007, 705152-5003, 705152-5007, 471147-9007, 705152-9003, 705152-9007

APPLICATION/ ENGINE	AFA PART NUMBER	NOTE	CROSS REFERENCES
<b>CATERPILLAR cont.</b>			
CAT Acert C15	<u><a href="#">2331596</a></u>	High Pressure — BXS, MXS, NXS Twin Turbo	741154-9011, 10R-1887, 741154-9011S, 10R1887, 7411549011, 10R2407, 7411549011S, 251-4820
CAT Acert C15	<u><a href="#">2321811</a></u>	Low Pressure — BXS, MXS, NXS Twin Turbo	741155-5002S, 232-1805, 741155-9003S, 231-6616, 741155-5003S, 10R1888, 741155-0001, 232-1811, 741155-0003, 10R-1888, 741155-0004, 231-3997
CAT Acert C15/ SDP	<u><a href="#">2935419</a></u>	High Pressure — SDP only Twin Turbo	291-2897, 760524-5024, 293-3420, 760524-5025, 293-5421, 760524-5029, 293-5422, 760524-5029S
CAT Acert C15/ SDP	<u><a href="#">2935422</a></u>	Low Pressure — SDP only Twin Turbo	291-2895, 760524-5019, 291-2896, 760524-5023, 291-2897, 760524-5024, 293-5420
<b>CUMMINS N14</b>			
Cummins N14	<u><a href="#">A3804502</a></u>	Holset HT60	3532408, 3800419, 3534501, 3803721, 3536098, 3803998, 3536190, 3804309, 1080005R, 3804502NX
Cummins N14	<u><a href="#">A3804502HP</a></u>	Larger compressor and turbine wheels resulting in more mid and high range power	3532408, 3800419, 3534501, 3803721, 3536098, 3803998, 3536190, 3804309, 1080005R, 3804502NX
<b>CUMMINS M11/ ISM / L9/ ISL/ ISC</b>			
Cummins M11 / ISM	<u><a href="#">A4309124</a></u>	EPA07	2881791, 2881791NX, 2881791RX, 2881792, 2881792NX, 2881792RX, 2881793, 2881793NX, 4955428, 4955428NX, 4955429, 4955429NX, 4956026, 4956027, 4956028
Cummins M11 / ISM	<u><a href="#">A4955642</a></u>	EPA02	3599572, 3599574, 3781163, 4035560, 4035723, 4035725, 4041067, 4043879, 4044006, 404400600, 404400600H, 404400600HX, 4044006H, 4044006HX, 4045934
Cummins M11 / ISM	<u><a href="#">A2881992</a></u>	2003-2006 ISM	4043212, 4041048, 3768262, 4038983, 3781166, 4038756, 2843881, 4041046, 4045923, 2843881, 3768262, 3768266, 376826600HX, 3768266HX, 3781166, 3768266H, 4089820, 2881992, 288199200
Cummins ISC / ISL	<u><a href="#">A3795911</a></u>	2007-2016 ISC, ISL	2836427, 2837055, 2838931, 2839445, 2839460, 2841294, 2841301, 2841305, 3768169, 3768175, 3768185, 3773520, 3773526, 3773536, 3795887, 3795893
<b>CUMMINS ISB / B6.7</b>			
ISB	<u><a href="#">A5601475</a></u>	2017 and up ISB	1700323777, 5354524, 5354524RX, 5354524X, 5354525, 5354525NX, 5354525RX, 5354526, 5354526NX, 5354526RX, 5355412, 5355412NX, 5355412RX, 5355413, 5355413NX, 5355413RX, 5355416, 5355646, 5355646NX, 5355646RX
ISB	<u><a href="#">A3786778</a></u>	2007-2010 ISB 6.7	2834989, 2837246, 2837247, 2837259, 2839136, 2839138, 2839148, 2839149, 2839156, 3060231, 3771645, 3771646, 3771649, 3771658, 3771659, 3786105
ISB	<u><a href="#">A4089312</a></u>	2003-2006 ISB 5.9	4035155, 4036432, 4036446, 4036448, 4036449, 4036450, 4036451, 4036453, 4037273, 4037276, 4037278, 4037279, 4037280, 4037281

APPLICATION/ ENGINE	AFA PART NUMBER	NOTE	CROSS REFERENCES
<b>CUMMINS ISX15-DOHC</b>			
ISX15 DOHC	<u><a href="#">A4046127</a></u>	Low HP DOHC Turbo — CM570	3592545, 4037480, 4090042, 4046132, 3593623, 4037481, 1700320241, 4046132, 3593625, 4037482
ISX15 DOHC	<u><a href="#">A5324892</a></u>	High HP DOHC Turbo — CM571	170-032-2897, 170-032-3888, 1700322897, 1700323888, 5324892, 5324892HX, 5324892HX, 5324892NX, 5324892RX, 5324939, 5324943, 532494300, 5324943NX, 5324943RX
ISX15 DOHC	<u><a href="#">A2881994</a></u>	DOHC Turbo CM870 — Pneumatic actuator, Early production	2881993, 4036666, 2843888, 4043215, 4041090, 2842412, 2881994
ISX15 DOHC	<u><a href="#">A4309077</a></u>	Low HP CM871 — Electronic VGT, Small Compressor outlet, Late Production	3767623, 4956010, 2881785NX, 5456810HX, 3767630, 4956011, 2881785RX, 5456815H, 3767631, 5350611, 2881786NX, 5456815HX, 3769880, 5350641, 2881786RX, 5456817H, 3769882, 5350893, 2881988RX, 5456817HX, 3774601, 5350895, 2881997NX, 5457297RX
ISX15 DOHC	<u><a href="#">A4309078</a></u>	High HP CM871 — Electronic VGT, Large Compressor outlet, Late Production	4309078RX, 170-032-3420, 4956014, 3774604, 2836364, 4955801NX, 170-032-1109, 5350518, 3774614, 2836365, 4955801RX, 170-032-2560, 5350591, 3774628, 2838149
<b>CUMMINS ISX15-SOHC</b>			
ISX15 SOHC	<u><a href="#">A2882112</a></u>	Low HP SOHC Turbo — CM2250. Always default to higher HP turbo	2843821, 3773493, 5359590, 2882112RX, 2882015, 3773495, 5359595, 379257600H, 2882112, 3792570, 5359609, 3792576H, 3769054, 3792571, 5456845, 379258300H
ISX15 SOHC	<u><a href="#">A2882112</a></u>	High HP SOHC Turbo — CM2350. A2882112HP for upgrade	2843821, 3773493, 5359590, 2882112RX, 2882015, 3773495, 5359595, 379257600H, 2882112, 3792570, 5359609, 3792576H, 3769054, 3792571, 5456845, 379258300H
ISX15 SOHC	<u><a href="#">A2882112HP</a></u>	New turbo, titanium coated turbine wheel with larger diameter with new calibrated actuator	2843821, 3773493, 5359590, 2882112RX, 2882015, 3773495, 5359595, 379257600H, 2882112, 3792570, 5359609, 3792576H, 3769054, 3792571, 5456845, 379258300H
<b>CUMMINS X15-SOHC</b>			
X15 SOHC	<u><a href="#">A5459711</a></u>	Low HP SOHC Turbo — CM2350. Always default to higher HP turbo	5327132, 5454982, 5350586, 5454983, 5351565, 5454984, 5351566, 5458937, 5358003, 5459711, 5358483, 5458937HX, 5459711RX
X15 SOHC	<u><a href="#">A5459711</a></u>	High HP SOHC Turbo — CM2350	5327132, 5454982, 5350586, 5454983, 5351565, 5454984, 5351566, 5458937, 5358003, 5459711, 5358483, 5458937HX, 5459711RX
X15 SOHC	<u><a href="#">A5602145</a></u>	Low HP SOHC Turbo — EPA21 X15	5551140, 56021456, 5031025, 5511415, 6021465, 602145NX, 5551142, 6317895, 5602145PX, 5601245, 6317948, 5602145RX
X15 SOHC	<u><a href="#">A6395630</a></u>	High HP SOHC Turbo — EPA21 X15	5550894, 5610129, 5609888RX, 5550895, 6395630, 5550896, 5609888NX, 6395630RX, 5609888

APPLICATION/ ENGINE	AFA PART NUMBER	NOTE	CROSS REFERENCES
<b>MACK / VOLVO</b>			
MACK / VOLVO	VM85151094	MP8/D13-EPA10	21238245, 21364706, 21366000, 21468131, 21559604, 21559607, 21559608, 22001084, 22001088, 22001089, 22215685
MACK / VOLVO	VM85151104	MP7-EPA04	8511996, 20582651, 20923257, 21168597, 21592747, 22014305, 85000968, 85003212
MACK / VOLVO	VM3791471	2007-2010 D13/MP8	21358880, 21358882, 21358884, 21358886, 21358888, 21387461, 21387462, 21387462RX, 21389372, 21389373, 21389374, 21389375, 21389376, 21423306, 21595172, 21595173, 21595174, 21595175, 21595177, 21597919, 21675487, 21675488, 21675489, 21675490, 21675491, 21676814, 22014297, 22014298, 22014299, 22014300, 22014301, 22883061
MACK / VOLVO	VM85151093	2007-2024 MP7	100-045-000, 85151093, 85124603, 85128129, 85020012, 85021613, 85027613, 85124600, 85128131, 85141059, 85141058, 85003638, 85151723, 21187867, 21366006, 21468130, 22001082, 85003636, 85003646, 85003847, 85013037, 85013372, 85136175
<b>PACCAR</b>			
PACCAR MX-13	P2348182	EPA21	2348182, 2348182PE, 2348182PEX, 2343168PEX, 2301473, 2199174, 2199176, 2236535, 2266944, 2277165
PACCAR MX-13	P2422408	EPA13-EPA17	1907281, 1907281PEX, 1940999, 1940999PEX, 1940999PRX, 1973273, 1973273PEX, 1973273PRX, 2134455, 2134455PEX, 2134455PRX
PACCAR MX-13	P2128139	EPA10	2128138, 2128138PEX, 2128138PRX, 2301175, 2301175PEX, 2301175PRX, 5459130, 5459136, 5459138, 5548355, 5548353
PX-9	P3796068	2013-2020 PX-9	3775019, 3775022, 3790430, 3790432, 3790433, 3790435, 3796064, 3796065, 3796066, 3796067, 3796068, 3796069, 3796070, 3797404, 5327342, 5327343, 5327344, 5327345, 5327346, 5327347, 5327348, 5327349, 5324125, 5324125H, 5324125NX, 5324125RX, 5324130, 5324130NX, 5324130RX, 5326677, 5326677H, 5326677NX, 5326677RX
PX-9	P3798389H	2013-2020 PX-9	170-032-3296, 170-032-3703, 1700323296, 1700323309, 1700323703, 3775025, 3775041, 3780086, 3790436, 3790452, 3796071, 3796088, 3798338NX, 3798338RX, 3798389, 3798389H, 4309225, 4309225NX, 4309225RX, 4309537, 4309537NX