

Lista de Aplicações 2010/Listado de Aplicaciones 2010



Turboalimentadores e Conjuntos Centrais/Turboalimentadores y Conjuntos Centrales



Turboalimentadores BorgWarner

Por ser um grande aliado do motor para a redução dos poluentes para a atmosfera, o turbo segue cada vez mais a tendência e a necessidade de se integrar a projetos de fabricação de motores que contribuam à “sustentabilidade”. Os principais motivos para a crescente utilização do turbo em motores de combustão interna, portanto, além do melhor desempenho, são a economia de combustível e a redução das emissões.

Para cada motor, a BorgWarner oferece uma solução de turbo mais adequada. As tecnologias de ponta nesse segmento são: R2S (Turbo de “2 Estágios Regulado”), VTG (Turbo de Geometria Variável), VR2S (combinação do VTG com “2 Estágios Regulado”) e turbos assimétricos com válvula “wastegate”.

Além da forte atuação no mercado local, equipando veículos utilitários leves e pesados com motores a diesel de todas as montadoras, a BorgWarner também exporta seus turboalimentadores para o Mercosul, Europa e Estados Unidos, além de manter acordos de desenvolvimento conjunto com outras unidades da companhia ao redor do mundo, garantindo sempre as melhores e mais modernas soluções para o mercado global.



Lacom

Turboalimentadores BorgWarner

La técnica de turboalimentación es fundamental para la reducción de gases contaminantes en la atmósfera, y sigue cada vez más la tendencia y la necesidad de integrarse a proyectos de fabricación de motores que tengan su contribución para prácticas sostenidas y la creciente utilización del turbo no sólo para mejor desempeño como también el ahorro de combustible.

BorgWarner ofrece para cada motor una solución más adecuada y ideal de turbo. Las tecnologías más avanzadas en ese segmento son: R2S (Turbo de “2 Etapas Reguladas”), VTG (Turbo de Geometria Variable), VR2S (combinación del VTG con “2 Etapas Reguladas” y turbos asimétricos con válvula “wastegate”).

Además de fuerte presencia e actuación en el mercado local, equipando vehículos utilitarios livianos y pesados con motores diesel de todas las marcas, BorgWarner también exporta sus líneas de productos para Mercosur, Europa y Estados Unidos y mantiene desarrollo conjunto con las otras unidades de la compañía alrededor del mundo, garantizando siempre las mejores y más modernas soluciones para el mercado global.



VEÍCULO/VEHÍCULO	MOTOR	P/N TURBO MONTADORA	BorgWarner						HOLSET		GARRETT	
			MODELO	WG	TURBO Novo P/N	CONJUNTO Novo P/N	TURBO Antigo P/N	CONJUNTO Antigo P/N	MODELO	PN TURBO/CONJ	MODELO	PN TURBO/CONJ
AGRALE												
VOLARE A8 8.120/ 8.150 / 7500 TDX PARA ORIGINAL BORGWARNER	MWM 4.10 TCA	9.0529.20.1.0081-02	K16	WG	70000172150			80000172150				
VOLARE A8 PARA REPOSIÇÃO GARRETT	MWM 4.10 TCA	9.0529.20.1.0063	K16	WG	53169887185			53169887185			T300/T3	465819-5003
7500 TD	MWM TD 229/4	9.0529.20.1.0030	S2AS-008		797266	797333		197266	197333		TA 31	465805-5002
VOLARE A6	MWM 4.07 TCA	9.0529.20.1.0064	K14	WG	70000175590			80000175590			GT22	704757-5001/2
VOLARE V6	MWM 4.07 TCAE	9.0529.20.1.0107	K14	WG AF	70000175018			80000175018				
VOLARE V8	MWM 4.07 TCA EURO 3	9.0529.20.1.0115	K16	WG	70000175530			80000175530				
MICRO VOLARE W8/MA 9.12 PARA REPOSIÇÃO GARRETT	MWM 4.07 TCAE	9.0529.20.1.0084	K16	WG AF	70000175683			80000175683			TA-31	733676-0003
ÔNIBUS AGRALE	CUMMINS ISBe4	3966674	K16	WG Ti	70000173871			80000173871				
ÔNIBUS AGRALE	CUMMINS 4BTAA	3970939	K16	WG Ti	70000174615			80000174615				
ÔNIBUS AGRALE PISO BAIXO - MÉXICO	MWM 4.12 TCE	9.0529.20.1.0141	K16	WG Ti	53169887199			53169707199				
ÔNIBUS AGRALE PISO BAIXO - MÉXICO	MWM 4.12 TCE	9.0529.20.1.0144	K16	WG Ti	70000175609			80000175609				
CASE												
821B/92500, W36	CUMMINS 6CT 210HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
888 CK	CUMMINS 6BT		S2EL-209		766592	766593		166592	166593	H1E	3534285	TA-34 466563-5003
W20B	OM352A		S2EL-212		772149	772147		172149	172174	H1E	3580252	T04B27 409300-5016
OPCIONAL AO TURBO 172149 PRIS. ROSCA M10	OM352A		S2EL		12749880010	12737105002		12749880010	12737105002	H1E	3580252	T04B27 409300-5016
CATERPILLAR												
140G/D6D-DD 966C	3306	7N7748	3LM-373		784119	784120		184119	184120			T04B91 409410-5006
D6D/966C/120G/140G	3306	4N8969	3LM-319		759623	780119		159623	180119			T04B91 465839-5001
CBT												
GD623/WA320	CUMMINS 6CT 210HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	T04E 465843-5001
PC 150/3 - 150/5 GD523	6BT		S2EL-209		766592	766593		166592	166593	H1E	3534285	TA34 466563-5003
2600...8060	OM352		S2EL-212		772149	772147		172149	172147	H1E	3580252	T04B27 409300-5016
OPCIONAL AO TURBO 172149 PRIS. ROSCA M10	OM352		S2EL		12749880010	12737105002		12749880010	12737105002			
CUMMINS												
CASE - GD623/ WA 320	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
CBT - GD623/ WA320	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
DYNAPAC CT260	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
FIAT-ALLIS AD14-C/ FR140/ FR16/ F665-B/ F6105-B/FR140-2	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
FORD C1622/ 2322/ 2422	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
KOMATSU GD623, WA320	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
MAFERSA M-210	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
MÜLLER TC-18, TM17, T25	6CT 210 HP		S400		70000175527	70000175544		80000175527	80000175544	H1E/HX40	3590079/3596987	
FORD F250/ F350/ F4000 PARA REPOSIÇÃO HOLSET	4BTAA EURO 2 150 HP		K16	WG	53169887146			53169887146		HX30W	3592315	
FORD CARGO 814/815 PARA REPOSIÇÃO HOLSET	4BTAA EURO 2 150 HP		K16	WG	53169887147			53169887147		HX30W	3592317	
FORD 4000	4BTAA	3967635	K16	WG	70000174002			80000174002				
FORD 4000	4BTAA EURO 3 115 HP	3970937	K16	WG	70000174614			80000174614				
FORD CARGO 815	4BTAA	3967636	K16	WG	70000174007			80000174007				

VEÍCULO/VEHÍCULO	MOTOR	P/N TURBO MONTADORA	BorgWarner						HOLSET		GARRETT	
			MODELO	WG	TURBO Novo P/N	CONJUNTO Novo P/N	TURBO Antigo P/N	CONJUNTO Antigo P/N	MODELO	PN TURBO/CONJ	MODELO	PN TURBO/CONJ
CUMMINS (CONT)												
FORD CARGO 13/15/1717E	ISBE4	3970466	K16	WG	7000174060			8000174060				
ÔNIBUS VW/AGRALE	ISBE4	3966674	K16	WG Ti	7000173871			8000173871				
VW 12.150	ISBE4	3966672	K16	WG	7000173809			8000173809				
VW 8.150	ISBE4	3971860	K16	WG	7000174063			8000174063				
VW 14.170 BOCAL 4"	6BTAA 5.9		S2EL-211		770483	7000174622		170483	8000174622	H1C	3531456	TA3408 466575-5003
VW 15.170	ISBE4	3970465	K16	WG	7000174059			8000174059				
VW 16.170 BOCAL 4"	6BTAA 5.9		S2EL-211		770483	7000174622		170483	8000174622	H1C	3531456	TA3408 466575-5003
VW ÔNIBUS	ISBE4	3970464	K16	WG Ti	7000174058			8000174058				
VW 15.170E/16.170E	ISBE4	3974749	K16	WG	7000174611			8000174611				
VW 14.160 / 16.170 BOCAL 3"	6BT-5.9		S2EL-209		766592	766593		166592	166593	H1C	3534285	TA34 466563-5003
VW 17.210/23.210	6BTAA 210 CV		K27	WG	53279887219			53279887219		HX35W	3596945/3597912	
VW 17.250E/24.250E	ISBE6		K27	WG	53279887219			53279887219		HX35W	4039674	
DEUTZ												
VEICULAR 160 CV 2650 RPM	BF6L913C		S2EL-203		769123	769142		169123	169142			
AGRÍCOLA 150 CV	BF6L913		S2EL-205		769125	769143		169125	169143			
DIMEX												
D-1622 ÔNIBUS	6CTAA		S400		7000175528			8000175528	8000175564	HX40	3533002	
DYNAPAC												
CA25-11	6BT		S2EL-209		766592	766593		166592	166593	H1C	3534285	TA34 466583-5003
CT260	6CT		S400		7000175527			8000175527	8000175544	H1E/HX40	3590079/3596988	
FIAT-ALLIS												
AD14-C/FR140/FR16/FG65-B/FG105-B/FR140-2	6CT 210HP		S400		7000175527			8000175527	8000175544	H1C/HX40	3590079/3596988	
150T	8060.25 A695		S2EL-204		769124	766619		169124	166619			T04B88 465744-5006
FIAT-IVECO												
DAILY 35.10	8140.23.3700 EURO 2	500321799	K14	WG	53149886445			53149706445				GT-1752S 725305-5002
DAILY 49.12/59.12/60.12/70.12/35.13	8140.43.3700 EURO 2	500321800	K14	WG	53149886446			53149706446				GT-1752S 725305-5003
DUCATO TC		500334596	K14	WG	53149886447			53149706447				GT-1752S 725305-5001
DUCATO TCA	8140.43.2200 EURO 2	500314776	K14	WG	83149886444			83149706444				GT-1752S 725305-5005
FORD												
F 250/ F350/ F4000 PARA REPOSIÇÃO HOLSET	4BTA EURO 2 140 HP		K16	WG	53169887146			53169887146		HX30W	3592315	
F 350/ F4000	4BTAA	3967635	K16	WG	7000174002			8000174002				
F 1000	HSD		S100G-102	WG	772103			172103				GT25 704091-5001
F 1000/4000	TD 229 EC4 1 CANAL		S2A-101		797332	797333		197332	197333	H1C	3524709	TA31 704944-5001
F 1000/4000 COM INTERCOOLER	TD 229 EC4 2 CANAIS		S2A-204		798644	798645		198644	198645	H1C	3524709	TA31 704944-5001
F 1000 4x4 / 4x2	TD 229.4	9.0529.20.1.0030	S2AS-008		797266	797333		197266	197333			TA31 465805-5002
F 4000	4BTAA EURO 2 115 HP	3970937	K16	WG	7000174614			8000174614				
F 7000/ 13000/ 19000/ 21000	T6.354		S2EL-201		769121	766619		169121	166619	H1E	3580252	T04E 465813-5001
F 11000/ 12000/ 13000/ 14000/ 21000	TD 229.6		S2EL-201		769121	766619		169121	166619	H1E	3580252	T04E 465813-5001
F 13000	6.358		S2EL-201		769121	766619		169121	166619	H1E	3580252	T04EBR 465813-5001
OPCIONAL AO TURBO 169121 PRIS. ROSCA M10	T6.354/ 6.358/ TD229.6		S2EL		12749880008	12737105002		12749880008	12737105002			
CARGO 712	4BTAA 118 HP EURO 3	4934086	K16	WG	7000175539			8000175539				
CARGO 815	4BTAA	3967636	K16	WG	7000174007			8000174007				

CARGO 815 E	ISBE4	3966664	K16	WG	7000172198		8000172198					
CARGO 814/815 PARA REPOSIÇÃO PARA HOLSET	4BTAA EURO 2 150 HP		K16	WG	53169887147		53169887147		HX30W	3592317		
CARGO C1215 /C1415/ C1617	6BT		S2EL-209		766592	766593	166592	166593	H1C	3534286/3596949	TA34	466563-5003
CARGO 13/15/1717 E	ISBE4	3970466	K16	WG	7000174060		8000174060					
RANGER EURO 2	HSD 2.5		S100G	WG	7000174042		8000174042				T2	704344-5001
CARGO 1622/ 2322/ 2422	6CT 210 HP		S400		7000175527	7000175544	8000175527	8000175544	H1E	3590079		
CARGO 2422E	ISBE6 220 HP		K27	WG	53279887219				HY35W	4038685		
CARGO 1422/ 1622 (ano 98)	6CTAA 220 HP		S400		7000175528	7000175564	8000175528	8000175564	H1E/HX40	3596946		
CARGO 2425	6CTAA 250 HP		S400		7000175528	7000175564	8000175528	8000175564	H1E/HX40	3596946		
CARGO 3224/ 1630	6CTAA 300 HP		S400		7000175528	7000175564	8000175528	8000175564	H1E/HX40	3596946		
CARGO 3530/ 4030/ 2630	6CTAA 300 HP		S400		7000175528	7000175564	8000175528	8000175564	H1E/HX40	3596946		
CARGO 4031/ 4331 MAXTON	6CTAA 310 HP		K29	WG	7000175580		8000175580		HX40W	3597758		
ÔNIBUS B1618/ F12000 até 1995	6.10TC	9.0529.20.1.0040	S2EL-064		769144	766619	169144	166619			T04E	702154-0003
OPCIONAL AO TURBO 169121 PRIS. ROSCA M10	T6.354/ 6.358/ TD229.6		S2EL		12749880009	12737105002	12749880009	12737105002				
ÔNIBUS	6.10TCA	9.0529.20.1.0062	S2EL-210		770430	770432	170430	170432			T04E	702154-5011/14
TRATOR FORD 8430	FORD		S2EL-205		769125	769143	169125	169143			T04B49	465640-5022
TRATOR FORD 8630/ 8830	FORD		S2EL-064		769123	769142	169123	169142	H1C	3580560	T04E	702154-5003
TRATOR FORD TM 135/140/150	FORD		S2EL		70000175068	70000175543	80000175068	80000175543			GT35	452134-5002

GM

D 13000/D 21000/D 11000	T6.354		S2EL-201		769121	766619	169121	166619	H1E	3580252	T04EBR	465813-5001
OPCIONAL AO TURBO 169121 PRIS. ROSCA M10	T6.354/ 6.358/ TD229.6		S2EL		12749880008	12737105002	12749880008	12737105002				
D10/ D20/ D40/ D70	Q20B 4.236V		S2A-101		797332	797333	197332	197333	H1C	3524709	TA31	704944-5001
D20/ D40/ 6000	S4T		S2A-101		797332	797333	197332	197333	H1C	3524709	TA31	704944-5001
S10	2.5 HSD		S100G-101	WG	770475		170475				T2	704090-5001
D20 INTERC/ D14000	Q20B 4.236V		S2A-204		798644	798645	198644	198645	H1C	3524709	TA31	704944-5001
D70/ D11000/ D14000	Q20B 6.354		S2EL-201		769121	766619	169121	166619	H1E	3580252	T04E	465813-5001
GM BLAZER/S10	4.07 TCAE	9.0529.20.1.0093	K14	WG	70000174640		80000174640					

KOMATSU

GD 623/WA320	6CT11 220HP		S400		70000175528	70000175564	80000175584	80000175564	H1E/HX40	3531793/3596946		
GD525	6BT		S2EL-209		766592	766593	166592	166593	H1C	3534285	TA34	466563-5003
D50A/D50P/PC150/SE	OM352	A3440967399	S2EL-212		772149	772147	172149	172147	H1E	3580252	T04B27	409300-5016
OPCIONAL AO TURBO 169121 PRIS. ROSCA M10	T6.354/6.358/TD229.6		S2EL		12749880010	12737105002	12749880010	12737105002				

MAFERSA

M210	6CTAA 220HP		S400		70000175528	70000175564	80000175528	80000175564	HX40	3596988		
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MAXION/PERKINS

MF 275/290	Q20B4.236V		S2A-101		797332	797333	197332	197333			TA31	704944-5001
MF 296/296 TR4	6.354-4		S2EL-201		769121	766619	169121	166619			T04E	465813-5001
OPCIONAL AO TURBO 169121 PRIS. ROSCA M10	T6.354/6.358/TD229.6		S2EL		12749880008	12737105002	12749880008	12737105002				
ARGENTINA	6354-4		S2EL-205		769125	769143	169125	169143				
MF 650/660	1006-6T	2674A166	S2EL-020		766658	766651	166658	166651				

MERCEDES-BENZ

SPRINTER 310 D	OM014A		S100G-101	WG	770475		170475				T2	704090-5001
SPRINTER 312	OM014 LA		S100G	WG	70000175520	70000175521	80000175520	80000175521			GT2052	708257-5001
L 608D/ L 708D/ LO 608D	OM314		S2A-101		797332	797333	197332	197333	H1C	3524709	TB4125	466394-5002
L1113/ 1313/ 1513/ 2013	OM352		S2EL-201		769121	766619	169121	166619	H1E	3580252	T04E	465813-5001
OPCIONAL AO TURBO 169121 PRIS. ROSCA M10	OM352		S2EL		12749880008	12737105002	12749880008	12737105002				
L1116/ 1117/ 1317/ 1318	OM352A	A3520964499	S2EL-212		772149	772147	172149	172147	H1E	3580252	T04B27	409300-5031
OPCIONAL AO TURBO 172149 PRIS. ROSCA M10	OM352A		S2EL		12749880010	12737105002	12749880010	12737105002				
L 1519/ 2219/ 1525/ 0371	OM355/5A	A0020967199	4LE-32		710833	710857	510833	510857	4LGZ	3525154	TV61	465990-5013
OH1419/ 1517/ 0370RSD	OM355/5A	A0020967199	4LE-32		710833	710857	510833	510857	4LGZ	3525154	TV61	465990-5013

ACCEO 915/31 e 37 MOTOR 904.970 L0915E/31.5 MOTOR 904.957 OH1115/46 ARGENTINA MOTOR 904.965 L0915 MÉXICO/CHILE MOTOR 904.957	OM904LA EURO 3	A9000960299	K16	WG Ti	53169887159	53167100043	53169707159	83167100015				
L2423/ OH1725L/ O500M ARTICULADO/ O500U/ ATEG01725/ 2425/ L1620E/ AXOR 2826/ OH1725	OM906 LA	A9060969799	K27	Ti	53279887210	83277100001	53279707140	83277100001				
L2428	OM906 LA	A9060962799	K27	WG	53279887100		53279707100					
L1728/ 2428 - MOTOR 906.953 EM DIANTE	OM906 LA	A9020960199	K27	WG Ti	53279887214		53279707130					
L2423K/B/ 2428 CHASSI 0-500 M/U/ 2620/ L1620E	OM906 LA	A9060964199	K27	WG	53279887115		53279707115					
L2923/ 1625/ 1725/ 1728	OM906 LA	A9060963199	K27	WG	53279887101		53279707101					
O500M 1728 MOTOR 906.977 ATÉ 906.993/ CBCI728 MÉXICO	OM906 LA	A9060965899	K27	WG Ti	53279887136		53279707136					
O500 R/ 1632/30	OM926 LA	A9260960699	K27	WG	53279887116		53279707116					
ATEGO 1723/2423 MOTOR 924.924 L1622/51-45/L1622/51 - 6X2 MOTOR 924.910 OF1722/59 RL SA MOTOR 924.912 OF1722/59 RL SA MOTOR 924.919 XBC OH 1522/1622L MOTOR 924.913	OM924 LA EURO 3	A9240961799	K24	WG Ti	53249887114	70000175672	53249707113	70000175672				
L/ OF/ OH 1622/ 1722 OPCIONAL COM ALUMÍNIO FREZADO	OM924 LA EURO 3		K24	WG AF	53249887208							
L1933/ 2533	OM926 LA	A9260964499	K27	WG Ti	53279887213	53277105096	53279707174	53277105096				
O500M/ R1630/ 1730/ 1632/ 1830 MOTOR 926.926 EM DIANTE/ IBC/CBCI632 MOTOR 926.910 EM DIANTE	OM926 LA	A9260964299	K27	WG Ti	53279887208	53277105096	53279707176	80000175042				
OF1730 AXOR 2831	OM926 LA	A9260964399	K27	WG Ti	53279887209	53277105096	53279707184	80000175042				

MÜLLER

TC-188/TM-17/TM-25	6CTAA 220HP		S400		70000175528	70000175564	80000175528	80000175564	H1E/HX40	3531793/3596946		
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MWM

AGRALE VOLARE A6	4.07 TCA	9.0529.20.1.0063	K14	WG	70000175590		80000175590				GT 22	704757-5002
AGRALE VOLARE A8 PARA REPOSIÇÃO GARRETT	4.10 TCA	9.0529.20.1.0063	K16	WG	53169887185		53169887185				TA31	465819-5003
AGRALE VOLARE A8 PARA ORIGINAL BORGWARNER	4.10 TCA	9.0529.20.1.0081	K16	WG	70000172150		80000172150					
AGRALE A8 COLÔMBIA	4.10 TCA	9.0529.20.1.0135	K16	WG Ti	53169887168		53169707168					
AGRALE VOLARE W8	4.12 TCE 180 HP	9.0529.20.1.0084	K16	WG	70000175683		80000175683				T31	733676-5003
AGRALE 6000 V6 6000D	4.07 TCAE	9.0529.20.1.0107	K14	WG	70000175018		80000175018					
AGRALE VOLARE V8	4.12 TCE EURO 3	9.0529.20.1.0115	K16	WG	70000175530		80000175530					
ÔNIBUS INTERNATIONAL	4.12 TCE EURO3	9.0529.20.1.0119	K16	WG Ti	70000175570		80000175570					
GM BLAZER /S10	4.07 TCAE	9.0529.20.1.0093	K14	WG	70000174640		80000174640					
NISSAN	4.07 TCAE	9.0529.20.1.0094	K14	WG	70000174657		80000174657					
VOLVO VM210	4.12 TCE 210 HP	9.0529.20.1.0101	K24	WG Ti	70000174693		80000174693					
VW 15.180E/ 15.190E ÔNIBUS ARTEMIS	4.12 TCAE	9.0529.20.1.0131	K16	WG Ti	53169887165		80000174637					
VW 13.180/ 15.180e CABINE ANTIGA	4.12 TCAE	9.0529.20.1.0099	K16	WG	70000174636		80000174636					
VW 13.180/ 15.180e CONSTELLATION	4.12 TCAE	9.0529.20.1.0132	K16	WG AF	53169887166		53169707166					
VW 8.140/ 8.120 E3 MECÂNICO	4.10 TCA	9.0529.20.1.0110	K16	WG	70000175061		80000175061					
OPCIONAL AO TURBO 170430	6.10TCA X10		S2EL		12749880007	12737105002	12749880007					
VW 17.230 ÔNIBUS	6.12TCE 230 CV	9.0529.20.1.0130-02	K27	WG	53279887227	70000175559					TBP418	771327-5001
VW 17.240 EURO 2 MOTOR TRASEIRO	6.10TCA 240 CV	9.0529.20.1.0069	K27	WG	70000175096	70000175559	80000175096				TBP418	715189-5001
VW 26.260/ VOLVO VM 260	6.12 TCE 260 CV	9.0529.20.1.0090	K27	WG	53279887218	70000175559	53279887218				TBP418	715189-5006
VW 25.370	I313 DT570	1871097C9	S300V	WG EL	174916		174916					

NISSAN

XTERRA	4.07TCAE	9.0529.20.1.0094	K14	WG	70000174657		80000174657					
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PEUGEOT

BOXER	2.8 TURBO INTERCOOLER	500314776	K14	WG	83149886444		83149706444					
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RENAULT

MASTER	2.8 TURBO INTERCOOLER	500314776	K14	WG	83149886444		83149706444					
MASTER	2.5 TURBO INTERCOOLER	8200036999	K03	WG	53039880055	53037100517						

VEÍCULO/VEHÍCULO	MOTOR	P/N TURBO MONTADORA	BorgWarner						HOLSET		GARRETT		
			MODELO	WG	TURBO Novo P/N	CONJUNTO Novo P/N	TURBO Antigo P/N	CONJUNTO Antigo P/N	MODELO	PN TURBO/CONJ	MODELO	PN TURBO/CONJ	
SCANIA													
KT 112/ T/R112HS ATÉ 1989	DSC11	525222	5400		14009880000			510957	510956	4LGK	3504412	TV61	716639-5000
B 111/ L111S/ BR116/ LT110 ATÉ 1989	DS11/L02/D11L03	305720	5400		14009880001			185576	187438	4LGZ	3525150	TV61	465990-5013
112HW (310 HP)/ L/ F113HL	DS11-34/11-74 303	1677956	S400-205		770404	770403		170404	170403	H2D	3531719	TA4536	465213-5001
TODOS R/T 112/320HP ATÉ 1992	DSC11-21/11-17/11-32	1489194	S400-201		70000174618	70000174620		80000174618	80000174620	H2D	3525517	TA45	466950-5002
TODOS R/T 113E 360HP ATÉ 1992	DSC11-18	1489194	S400-201		70000174618	70000174620		80000174618	80000174620	HX50	3537639	TA45	466950-5004
TODOS R/T 112/ 113E/ H310HP	DSC1134	1677956	S400-205		770404	770403		170404	170403	H2D	3531719	TA45	465213-5001
T / R / S / K / F 112 MA / H / E	DS11	520320	5400		14009880002			510545	187438	4LGZ	3545290	TV6114	465990-5013
TODOS F / L / S / K 113 ÔNIBUS	DSC1121/23/32/33	1489194	S400-201		70000174618	70000174620		80000174618	80000174620	HX50	3537639	TA45	452109-5010
CAMINHÕES SÉRIE 4 - 114 e 124	DSC12-02/05/DSC11-74/75		S400-207		70000174619	70000174621		80000174619	80000174621	HX50	3591777	GT-42	703072-5003
SLC													
COLHEITADEIRA 7200	OM352A	A3440967399	S2EL-212		772149	772147		172149	172147	H1E	3580252	T04B27	409300-5031
COLHEITADEIRA 7500	OM366A	A3660963899	S2EL-004		769146	766619		169146	166619	H1E	3580266	T04E66	466646-5022
TOYOTA													
TOYOTA BANDEIRANTE	OM314		S2AS-101		797332	797333		197332	197333			TA31	704944-5001
TOYOTA	OM364	A3640962199	S2AS-058		797336	797333		197336	197333			TA3164	466192-5013
VALTRA													
A.1780 4X4 TURBO	TD229.6		S2EL-064		769144	766619		169144	166619			T04E	702154-5002
OPCIONAL AO TURBO 169144	TD229.6		S2EL		12749880009	12737105002		12749880009	12737105002				
A.138/148 TURBO	TD229.6		S2EL-204		769124	766619		169124	166619			T04B88	465744-5006
A.1580/ 1780/ 985 (MOTOR MWM/VALTRA)	TD229.6/ EC6		S2EL-204		769124	766619		169124	166619			T04B88	465744-5006
A.885S/ 985S	420DS	836764049	S1BS-006		770429	770484		170429	170484				
A.1380S/ 1680S/ 1885S	620DS	82064800	S2EL-054		766595	766607		166595	166607				
BF75/ BL77/ BL88/ 700	DS320	836659179	S1BS		715920	770466		315920	170466				
VOLVO													
N 7	TD70		S2EL-204		769124	766619		169124	166619			T04B88	465744-5006
NL 10 INTERCOOLER 340 HP	TD102FS		S400-202		769193	770423		169193	170423			T04B88	466818-5007
NL 10 280 HP	TD101G	1545098	S400-205		770435	770403		170435	170403	H2D	3531719	TA4513	465922-2012
NL 10 310 HP	TD102 FT		S400-202		769193	770423		169193	170423		3531719	TA45	466818-5007
NL 12EDC 360/410 HP	TD123 / ES 122FR/FS/121G		S400-206		772100	772101		172100	172101	H2D	3526008	TA51	466076-5020
FH/ NH 12 380/420 HP	D12		S400		70000175047	766646		80000175047	166646		3537840	GT45	452164-5001
B 58 / B 10M BUS	THD 101GB /KC		S400-205		770435	770403		170435	170403	H2C	3518613	TA4502	465922-5012
VM 210	4.12TCAE	9.412.0.056.817.4	K24	WG Ti	70000174693			80000174693					
NL10 EDC - 320 HP	D10A		S400		70000174023	70000174024		80000174023	80000174024			GT42	452174-5007
ÔNIBUS B12 - 360 HP	D12		S400		70000174023	70000174024		80000174023	80000174024			GT42	452174-5007
B7R 4X2 EURO 2 - 230HP	D7		S2EL		70000175070	769109		80000175070	169109	H1E	3518613/3595233		
FH/ NH 12 460 HP	D12		S400		70000174094	70000174093		80000174094	80000174093	HX55	3591077		
VM 260	6.12 TCE 260 CV		K27	WG	53279887218			53279887218				TBP418	715189-5006
VW													
MICRO VW 8.120 SOMENTE PARA ORIGINAL BORGWARNER	4.10 TCA	9.0529.20.1.0081-02	K16	WG	70000172150			80000172150					
MICRO VW 8.150 SOMENTE PARA ORIGINAL BORGWARNER	4.10 TCA	9.0529.20.1.0081-02	K16	WG	70000172150			80000172150					
VW 8.140 PARA REPOSIÇÃO GARRETT	4.10 TC	9.0529.20.1.0043	K16	WG	53169887175							TA31	465837-5007
VW 8.150 PARA REPOSIÇÃO GARRETT	4.10 TCA	9.0529.20.1.0063	K16	WG	53169887185			53169887185				T300-T3	465819-5003
VW 7.110	TD 229.4	9.0529.20.1.0030	S2AS-008		797266	797333		197266	197333				

VW 16.170/ 14.160 BOCAL 3"	6BT		S2EL-209		766592	766593	166592	166593	H1E	3596948		
VW 14.170/ 16.170 BOCAL 4"	6BTAA 5.9		S2EL-211		770483	70000174622	170483	80000174622	H1C	3531456	TA3408	466563-5003
VW 12.140/ 14.140	D229EC6		S2EL-201		769121	766619	169121	166619				
VW 13.130/ 11.130	D229EC6		S2EL-201		769121	766619	169121	166619				
OPCIONAL AO TURBO 169121 PRIS. ROSCA M10	T6.354/ 6.358/ TD229.6		S2EL		12749880008	12737105002	12749880008	12737105002				
VW 14.200 até 1995	6.10T	9.0529.20.1.0040	S2EL-064		769144	766619	169144	166619			T04E	702154-5002
VW 16.180 VOLKSBUS ATÉ 1995	6.10T		S2EL-064		769144	766619	169144	166619			T04E	702154-5002
OPCIONAL AO TURBO 169144 PRIS. ROSCA M10	TD229.6		S2EL		12749880009	12737105002	12749880009	12737105002				
VW 16.180/ 17.210 210HP INTERCOOLER	6.10T X10		S2EL-210		770430	770432	170430	170432			T04E	702154-5014
OPCIONAL AO TURBO 170430 PRIS. ROSCA M10	6.10TCA X10		S2EL		12749880007	12737105002	12749700007	12737105002			T04E	702154-5014
VW 14.210/ 16.210/ 24.210/ 24.220 (6X4)	6CT 210 HP		S400		70000175527	70000175544	80000175527	80000175544	H1E	3590079/3596988		
VW 14.220/ 16.220/ 23.220/ 24.220	6CTAA 220 HP		S400		70000175528	70000175564	80000175528	80000175564	H1E/HX40	3531793/3596945		
VW 8.120 EURO 3 MECÂNICO	4.10TCA	9.0529.20.1.0110	K16	WG	70000175061		80000175061					
VW 8.140	4.10TCA	9.0529.20.1.0110	K16	WG	70000175061		80000175061					
VW 12.150	ISBE4	3966672	K16	WG	70000173809		80000173809					
VW 8.150	ISBE4	3971860	K16	WG	70000174063		80000174063					
VW 15.170	ISBE4	3974749	K16	WG	70000174611		80000174611					
VW 15.170E	ISBE4	3970465	K16	WG	70000174059		80000174059					
VW ÔNIBUS ARTHEMIS 14.180/ 15.180/ 15.190	4.12TCE	9.0529.20.1.0131	K16	WG	53169887165	70000175595	53169707165	80000175595				
VW 13.180/ 15.180/ 16.180 CONSTELLATION	4.12TCE	9.0529.20.1.0132	K16	WG	53169887166							
VW 17.220E	ISBE6 220 CV		K27	WG	53279887219				HX35W	3596945/3597912		
VW 15.180 CABINE ANTIGA	4.12TCE	9.0529.20.1.0099	K16	WG	70000174636		80000174636					
VW 17.210 CAMINHÃO	6BTAA 210 CV		K27	WG	53279887219				HX35W	3596945/3597912		
VW 17.230 CAMINHÃO E ÔNIBUS MOTOR DIANTEIRO	6.12TCE 230 CV	9.0529.20.1.0130-02	K27	WG	53279887227	70000175559					TBP418	771327-5001
VW 17.240 ÔNIBUS MOTOR TRASEIRO	6.10TCA	9.0529.20.1.0069	K27	WG	70000175096	70000175559	80000175096	80000175559			TBP418	715189-5001
VW 17.240 EURO 2 CAMINHÃO	6.10TCA 240 CV	9.0529.20.1.0090	K27	WG	53279887218	70000175559					TBP418	715189-5006
VW 26.260 EURO 3 CAMINHÃO	6.12TCE 260 CV	9.0529.20.1.0090	K27	WG	53279887218	70000175559					TBP418	715189-5006
VW 18.310/ 23.310/26.310 TITAN	6CTAA 310 HP		K29	WG	70000175580				HX40W	3597758		
VW 25.370	I313 DT570	1871097C9	S300V	WG EL	174916							

APLICAÇÕES/APLICACIONES - CONJUNTOS CENTRAIS/CONJUNTOS CENTRALES



VEÍCULO/VEHÍCULO	MOTOR	P/N TURBO MONTADORA	BorgWarner						HOLSET		GARRETT	
			MODELO	WG	OBS	CONJUNTO Novo P/N	TURBO P/N	CONJUNTO Antigo P/N	MODELO	PN TURBO/CONJ	MODELO	PN TURBO/CONJ
ALLIS CHALMERS												
2900MK1/MK2		409040-0001 A 0013	T04880			711452	408105-0148					
CASE												
504BDT		409640-0003 A 0006	T04819			711457	408105-0156					
CATERPILLAR												
3304DIT		409410-0001 A 0012	T04891			710224	4088077-0102					
DGC/966C/140	3306	4N4554	F-505/4.60			780292				180292		
	3306	4N9536	E-504/4.60			780296				180296		
ENASA												
9135.02/9135.30		465640-0002 A 0012	T04B47/49			710545	408105-0083					
FIAT												
8065.24/8060.24		465640-0002 A 0012	T04B47/49			710545	408105-0083					
828.222.104		465468-0017 A 0018	T04B05/34			710303	408105-0051					

VEÍCULO/VEHÍCULO	MOTOR	P/N TURBO MONTADORA	BorgWarner						HOLSET		GARRETT	
			MODELO	WG	OBS	CONJUNTO Novo P/N	TURBO P/N	CONJUNTO Antigo P/N	MODELO	PN TURBO/CONJ	MODELO	PN TURBO/CONJ
FORD												
CARGO 1218/1418/1618/1419/1622 (ATÉ 91)	6.6 L	466290-5015	S2T/T04E14			12747105002		70000172184			T04E14	466290-5015*
CARGO 1218/1418/1618/1419/1622	6.10T		S2T/T04E05/14			12747105001	408105-5285	70000172184				
CARGO 4330/4331	6CTAA		K27 PLUS			70000175585			HX40W	3597758		
F1000/ F4000	229.4		TB4125			766614	A4760960899					
RANGER	2.5 HSD	704344-5001	S100			70000173891					T2	10.12.09
CARGO 4432E	ISC6	4039932	K27 PLUS			53277100188			HX40W	4027948		
GM												
S10	2.5 HSD	704090-5001	S100			70000173890						443854-5176
D20	Q20B4		TB4125			766614					TB4-125	
HYUNDAI												
MIGHTY	D4AE	466501-0005	GT17			70000173884	493352-5019				TB4-125	
MIGHTY Chile	D4AE	466501-5005	GT17			70000173884	493352-5019				TB4-125	433352-5019
JOHN DEERE												
4219/200 SERIES		409940-0003 A 0006	T04B32			711453	408105-0112					
6404/4620/7020		408730-0001 A 0003	T04B10			711449	408105-0081					
6466A/6466T		409710-0001 A 0005	T04B23			711453	408105-0100					
LEYLAND												
520/92220.02		465062-0001 A 0010	T04B05/34			710303	408105-0051					
MERCEDES-BENZ												
SPRINTER 310	OM14A	704090-5001	S100			70000173890					T2	443854-5176
608/ 708	OM314		TB4125			766614						
1113/ 1313/ 1513/ 2013/ 2213	OM352	409300-5031	T04B27/81			769135						
1116/ 1316/ 1516/ 2216/ 1317/ 1517/ 1318/ 1518	OM352A, OM366A, LA		T04B81			710225	408105-0127					
L 1218/ 1418/ 1618/ 2318/ 1620/ 1721	OM366A, LA	466646-5041	T04E66			12747105002		80000175086				
L 1218/1418/ 1618/ 2318/ 1620/ 1721 (VERSÃO 96)	OM366A	452085-5008	TBP4			12747105005	447450-5126F	80000175685			TBP418	452085-5008
K1218/ 1418/ K1718/ OF1318/ OH1318 (VERSÃO 96)	OM366A	452085-5008	TBP4			12747105005	447450-5126F	80000175685			TBP418	452085-5008
L1620	OM366LA		T04E05/14			12747105001	408105-5285	80000172184				
1721/ 1723/ 16/21	OM366LA EURO 2	466646-5041	T04E66			12747105002		80000175086			T04E66	466646-5041*
1614/ 1618/ 1418/ 1218	OM366LA		T04E			12747105000					T04E66-5	408105-0426
NAVISTAR												
DT573/DT466B		409770-0019 A 0025	T04B25			711756						
DT414/DT466		409570-0016/18/19	T04B18			712301	408105-0216					
DT466/DT414/DT436		409570-0001 A 0014	T04B42			711446	408105-0145					
DT466/DT573			T04B19			711457	408105-0156					
PERKINS												
T6354.1/T6354.4		465960-0003/06/07/09	T04B51/58			710286	408105-0068					
T6354.4		465740-0002/0003	T04B51/71/94			710287	408105-0089					

SCANIA

SCANIA P93 ÔNIBUS 310/CAMINHÃO F94	DSC9/DSC9-07 DSC913-15	1317661	S2T/TO4E06 GT40 PLUS		12747105003 53277100192	70000175088 53277100187			GT40	466616-5011 739542-0002/ 452308-5008/ 452308-5010
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VOLVO

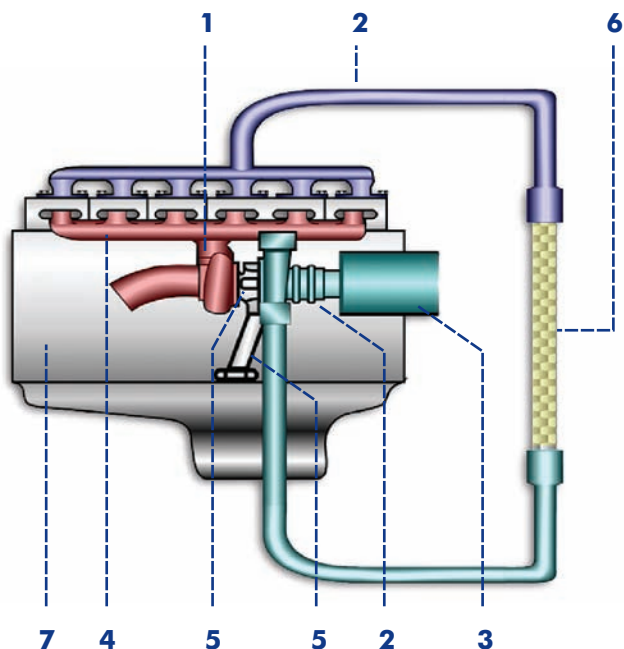
TD70/TD70E/TD70G		409840-0001 A 0010	T04B91		710224	408077-0102				
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VW

VW/AUDI A3 1.8T /VW GOLF/BORA/JETTA 180CV	1.8 TURBO 5V Longitudinal	06A145704T/ 06A145713D	K03	WG	53039880052	53037105024				
VW/AUDI A4/A6 1.8T /VW PASSAT 150CV	1.8 TURBO 5V Longitudinal	058145703C, E, H, L	K03	WG	53039880005	53037105006				
VW/AUDI A4/A6 1.8T /VW PASSAT 150CV	1.8 TURBO 5V Longitudinal	058145703K, J 06A145704H	K03	WG	53039880025 /029/049	53037105023				
VW ÔNIBUS VW 17.230	6.12TCE	9.0529.20.1.0130-02	S2T	WG		12007100000			TBP41	771327-5001
VW 19.320	ISC6	4040636	K27 PLUS	WG		53277100188		HX40W	4043363	
VW 16.180	MWM 6.10T	9.0529.20.1.0048	S2T/TO4E14/05			12747105001	408105-5285		70000172184	
VW 16.300/ 35.300/ 18.310 /26.310 TITAN	CUMMINS 6CTAA		K27 PLUS	WG		70000175585		HX40W	3597758	
CAMINHÃO E ÔNIBUS VW EURO 2	MWM 6.10TCA 240CV	9.0529.20.1.0069	S2T	WG		12747105004			70000175090	TBP418 715189-5001*

* LEGENDA AF: Roda Compressora de Alumínio Fresado; Ti: Roda Compressora de Titânio; WG: Turbo com Válvula Waste Gate; WG EL: Turbo com Válvula Waste Gate Eletrônica

Recomendações para Instalação do Turboalimentador/Instrucciones de Instalación del Turboalimentador



1. **Juntas e conexões de escape**
Sem Silicone ou adesivos líquidos
2. **Canos e mangueiras**
Em perfeitas condições, sem fugas
3. **Filtro de ar**
Novo sempre que se troca o turbo
4. **Coletor de escape**
Sem partes internas soltas
5. **Sistema de Lubrificação**
Filtro de óleo novo
Vazão e pressão de óleo
Retorno de óleo livre
Colocar óleo lubrificante no furo de entrada
6. **Intercooler limpo**
Sem óleo lubrificante nem resíduos
7. **Escape bem fixo e com coxins**

Empaques y conexiones de escape
Sin Silicona o adhesivos líquidos

Tubería y mangueras
En perfectas condiciones, sin fugas

Filtro de aire
Nuevo siempre que se reemplaza el turbo

Múltiple de escape
Sin partes internas sueltas

Sistema de Lubricación
Filtro de aceite nuevo
Caudal de aceite y presión
Regreso de aceite libre
Echar aceite en el conducto

Intercooler limpio
Sin aceite residual

Escape bien fijo y con amortiguación

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