

Garrett
ADVANCING MOTION

ORIGINAL PERFORMANCE

Garrett G Series Turbochargers



A TURN AHEAD OF THE COMPETITION

G42-1200Compact | G42-1200 | G42-1450



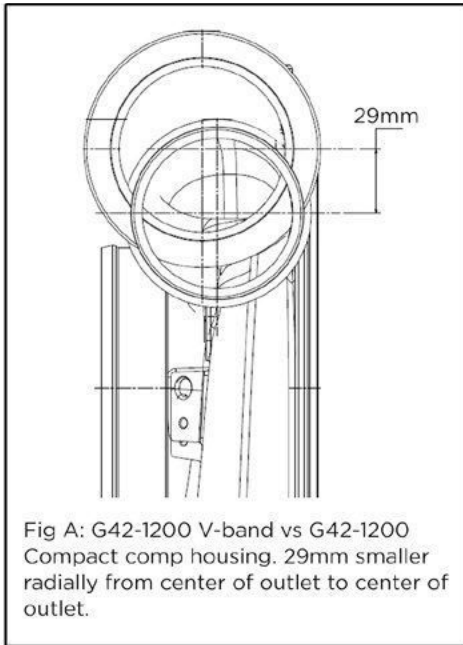
A TURN AHEAD OF THE COMPETITION

Capable of supporting up to 1450 HP*

Garrett® G Series 42 turbochargers offer enthusiasts a new range of quick spooling, high horsepower solutions for 2.0 liter up to 8.0 liter engine platforms. The G42-1200 Compact, G42-1200, and G42-1450 turbochargers produce up to 1450 horsepower thanks to the ten blade, forged, fully-machined G Series compressor wheel with high flowing aero. These low inertia compressor wheels are smaller in size and weight resulting faster boost response. (compared to GTX42) Garrett® G42-1200 is available in V-band, and compact compressor housing options. The V-band compressor housing is outline interchangeable with GTX42 while the new Compact option is 4mm shorter axially and 29mm smaller radially (FigA).

The G Series turbine wheel features all new aerodynamics to improve flow and boost response. New turbine aero wheel flows 10% more and has peak efficiency of 77% (Compared to GTX42 at 74% with 1.01A/R). Engineered with inconel super alloy to withstand operating temperatures up to 950C. Stainless steel turbine housings are available in V-band mono scroll, and T4 twin-scroll inlet connections.

*Estimated. Performance results of this product are highly dependent upon your vehicle's modifications and tuning/calibration. The target power represented above has been calculated based strictly on choke flow of the compressor map (total turbo capability), which represents the potential flywheel power.



	G42-1200 Compact	Compressor				Turbine			
		Inducer	Exducer	Trim	A/R	Inducer	Exducer	Trim	
		73mm	91mm	65	0.90	82mm	75mm	84	
	Standard Rotation	Assembly Kit PN		A/R	Inlet	Outlet	Wastegate	Divided	
	Assembly Kit Includes Super Core and Turbine Kit	879779-5001S			1.01	V-Band	V-Band	Free Float	N
		879779-5002S			1.15	V-Band	V-Band	Free Float	N
		879779-5003S			1.28	V-Band	V-Band	Free Float	N
		879779-5004S			1.01	T4	V-Band	Free Float	Y
		879779-5005S			1.15	T4	V-Band	Free Float	Y
879779-5006S			1.28	T4	V-Band	Free Float	Y		
		73mm	91mm	65	0.85	82mm	75mm	84	
	Standard Rotation	Assembly Kit PN		A/R	Inlet	Outlet	Wastegate	Divided	
	Assembly Kit Includes Super Core and Turbine Kit	879779-5007S			1.01	V-Band	V-Band	Free Float	N
		879779-5008S			1.15	V-Band	V-Band	Free Float	N
		879779-5009S			1.28	V-Band	V-Band	Free Float	N
		879779-5010S			1.01	T4	V-Band	Free Float	Y
		879779-5011S			1.15	T4	V-Band	Free Float	Y
879779-5012S			1.28	T4	V-Band	Free Float	Y		
		79mm	98mm	65	0.85	82mm	75mm	84	
	Standard Rotation	Assembly Kit PN		A/R	Inlet	Outlet	Wastegate	Divided	
	Assembly Kit Includes Super Core and Turbine Kit	879779-5013S			1.01	V-Band	V-Band	Free Float	N
		879779-5014S			1.15	V-Band	V-Band	Free Float	N
		879779-5015S			1.28	V-Band	V-Band	Free Float	N
		879779-5016S			1.01	T4	V-Band	Free Float	Y
		879779-5017S			1.15	T4	V-Band	Free Float	Y
879779-5018S			1.28	T4	V-Band	Free Float	Y		