

# BOGAARD TURBO TIMERS - PASSENGER, OFF ROAD & LIGHT COMMERCIAL VEHICLE ORDERING GUIDE

- This guide should be read in conjunction with our **Conditions of Sale of Goods**.
- This guide lists the appropriate Bogaard Turbo Timer for many vehicles commonly available in Australia. Where a vehicle is not listed or there is any doubt about the appropriate timer, contact your local dealer or Bogaard Distributors Pty Ltd (T: +61 2 94772497 F: +61 2 9482 1278 E: [lynne@bogaard.com.au](mailto:lynne@bogaard.com.au)).
- For some vehicle makes and models it is necessary to know the vehicle manufacture date and/or model number to select the appropriate turbo timer model.
- Where no release dates are listed for a vehicle (or shown in the Vehicle Notes) this information is not relevant.
- All vehicles listed in this guide are turbocharged unless noted otherwise.
- All release dates for vehicle models shown in this guide are for NSW. Release dates for other states may vary.
- This guide is regularly updated. The issue date is shown at the base of each page. The current issue is available on our web site at [www.bogaard.com.au](http://www.bogaard.com.au)
- For applications to trucks, earth moving equipment, tractors and forklifts refer to the separate **Truck and Engine Applications and Ordering Guide**.

MAKE	MODEL	MODEL NO	RELEASE DATES		BOGAARD MODEL	PLUG IN ?	VEHICLE NOTES
			FROM	TO			
Chevrolet	Pickup	7 Litre	-	-	925/ST-5	NO	Timer + 40A relay.
Daihatsu	Charade	-	-	-	925/ST-4	NO	
	Rocky	-	-	-	925/ROC	YES	
Dodge	Nitro	-	2008	-	925/ST-4	NO	2.8 Litre diesel. Looks the same as a Nissan X Trail.
	Ram	-	-	-	925/ST-4	NO	Looks the same as a Ford F250.
Ford	Courier	PD	-	-	925/ST-4	NO	Normally aspirated. Factory turbo not released in Australia.
		PE	January 1999	July 2002	925/UN	YES	2.5 Litre.
		PG	August 2002	-	925/ST-4	NO	2.5 Litre.
	F150	-	-	-	925/ST-4	NO	Timer + 40A relay.
	F250	-	-	-	925/ST-4	NO	Timer + 40A relay.
		XLT	-	-	925/ST-4	NO	Timer + 40A relay. Keylock only.
	F350	-	-	-	925/ST-4	NO	Timer + 40A relay.
Falcon	BA XR6	-	-	-	925/ST-4	NO	Must keylock.
		BF	-	-	925/ST-4	NO	Must keylock.
	Focus	XR5	2006	-	925/ST-5	NO	Must keylock. Central locking issues due to it being a European model.
	Laser	-	-	-	925/ST-2	NO	
	Maverick	-	-	-	925/NIS	YES	
	Ranger	-	-	-	925/ST-5	NO	Same as Mazda BT-50.

MAKE	MODEL	MODEL NO	RELEASE DATES		BOGAARD MODEL	PLUG IN ?	VEHICLE NOTES	
			FROM	TO				
Ford (Continued)	Telstar	-	-	-	925/ST-2	NO		
	Territory	-	2008	-	925/ST-4	NO	Must keylock.	
	Transit	-	-	2004	925/ST-5	NO	No Bogaard model available for 2005 on models.	
Holden	Captiva	-	2006	-	925/ST-4	NO		
	Colorado	Common Rail Diesel	July 2008	-	925/RA+	YES	Was Rodeo prior to July 2008.	
	Commodore	VL	-	-	925/COM	YES		
	Frontera	-	-	-	925/ROD	YES		
	Jackaroo	-	-	-	April 1992	925/ST-4	NO	
		L2 Series		May 1992	December 1994	925/R7	YES	
		L5 Series		January 1995	-	925/JL5	YES	
		SE		January 1998	-	925/JL5	YES	
		Rodeo	-	-	December 1996	925/ROD	YES	2.8 Litre.
		R7		January 1997	-	925/R7	YES	Includes 3.0 Litre.
		R9		January 1997	-	925/R7	YES	Includes 3.0 Litre.
	RA		2003	-	925/RA+	YES		
	Common Rail Diesel		February 2007	June 2008	925/RA+	YES	Renamed Colorado after June 2008.	
	Suburban	-	-	-	925/ST-5	NO	Timer + 40A relay.	
Hyundai	i30	-	-	-	925/HIL	YES	Remote central locking is disabled during idle period.	
	iLoad	-	-	-	925/HIL	YES		
	iMax	-	-	-	925/HIL	YES		
	Santa Fe	-	-	-	925/CRDI	YES		
	Terracan	-	February 2005	-	925/CRDI	YES		
Isuzu	D-Max	Cab Chassis & Crew Ute	2008	-	925/RA+	YES	3.0 Litre common rail turbo.	
	MU	-	-	-	925/ROD	YES	2.8 Litre & 3.1 Litre.	
Jeep	Cherokee	-	2003	-	925/ST-4	NO	Includes 2008 KK.	
	Commander	-	2006	-	925/ST-4	NO		
	Compass	-	2007	-	925/ST-4	NO		
	Grand Cherokee	-	2003	-	925/ST-4	NO		
	Wrangler	-	2007	-	925/ST-4	NO		

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Kia	Sorento	-	-	-	925/CRDI	YES	
	Sportage	-	-	-	925/CRDI	YES	
Land Rover	Defender	TD1	-	-	925/ST-1	NO	
		TD5	-	-	925/ST-4	NO	
	Discovery	TD1	-	-	925/ST-1	NO	WITHOUT factory security.
		3	2008	-	925/ST-4	NO	3rd generation models. Remote central locking is disabled during idle period.
		TD1	-	-	925/ST-4	NO	WITH Factory security.
Freelander	TD5	-	-	925/ST-4	NO		
	TD4	-	-	925/ST-4	NO		
	2C	-	-	925/LC100	YES	Grey import.	
Mazda	323	-	-	-	925/ST-2	NO	
	626	-	-	-	925/ST-2	NO	
	Bravo	UN Series 1	August 1999	July 2002	925/UN	YES	2.5 Litre. Australian release.
		UN Series 2	August 2002	-	925/ST-4	NO	2.5 Litre. Freestyle cab chassis.
	BT-50	-	December 2006	-	925/ST-5	NO	Same as Ford Ranger.
	MX6	-	-	-	925/ST-2	NO	
	RX7	-	-	-	925/ST-2	NO	
Mercedes Benz	Atego	-	-	2005	925/ST-4	NO	
	Sprinter	-	-	2005	925/ST-4	NO	
	Vito	-	-	2005	925/ST-4	NO	
Mitsubishi	Cordia	-	-	-	925/ST-2	NO	
	Delica	-	1995	-	925/NM	YES	
	Express	L200 Diesel	-	-	925/ST-1	NO	
	Galant	VR4	-	-	925/ST-2	NO	
	GT 3000	-	-	-	925/ST-5	NO	
	Lancer	GSR	-	-	925/ST-5	NO	
	Pajero	To NL	-	April 2000	925/PAJ	YES	
		NM	May 2000	-	925/NM	YES	2.8 & 3.2 Litre.
NP		May 2000	-	925/NM	YES	2.8 & 3.2 Litre.	
NS		February 2007	-	925/NM	YES		

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			FROM	TO				
Mitsubishi (Continued)	Starion	JA	-	-	925/ST-2	NO		
		JB	-	-	925/ST-2	NO		
		JD	-	-	925/ST-2	NO		
	Triton	MJ	-	-	925/PAJ	YES	2.5 Litre Diesel.	
		MK	August 1996	-	925/MK	YES	2.8 Litre Normally aspirated diesel.	
		ML	August 2006	-	925/NM	YES	Factory turbo. Remote central locking will work.	
		MM	2003	-	925/MK	YES	Factory turbo.	
Nissan	200SX	S14	-	-	925/ST-5	NO		
		S15	2000	-	925/ST-5	NO		
	300ZX	-	-	-	925/NIS	YES		
	Civilian Bus	-	-	-	925/ST-1	NO		
	Navara	-	-	1996	-	925/NIS	YES	
		-	1997	-	-	925/NAV	YES	3.2 Litre.
	D22	2001	2006	-	925/NAV	YES	3.0 Litre diesel. Japanese manufacture.	
		2008	-	-	925/NAV	YES	2.5 Litre diesel. Engine is numbered YD25. Badge on doors reads <b>2.5CR</b> .	
		D40M	January 2006	-	925/PATH	YES	2.5 Litre diesel. Common rail technology. Spanish manufacture.	
	Pathfinder	-	-	2005	-	925/NIS	YES	Grey import - Japanese Terrano.
		D22	-	-	-	725/PATH	YES	2.5 Litre diesel. Common rail technology. Late 2005 release.
		D40	-	-	-	925/PATH	YES	2.5 Litre diesel. Common rail technology. Late 2005 release.
	Patrol Diesel	12V - to GQ	-	-	-	925/NIS	YES	Including 4.2 Litre.
		GU - Y60	-	-	-	925/NIS	YES	Commercial. No subtank.
GU - Y61 (all models)		1998	-	-	925/GU	YES	Includes commercial, utility, Series 2, 3 & 4.	
Pulsar	MQ 24V	-	-	-	925/ST-3	NO	Mid 1980's.	
	ET	-	-	-	925/NIS	YES		
	EXA	-	-	-	925/NIS	YES		

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Nissan (Continued)	Skyline	-	-	-	925/ST-2	NO	WITHOUT alarm fitted.	
		-	-	-	925/ST-5	NO	WITH alarm fitted.	
	Sylvia	R33	-	-	925/NIS	YES	1994 build.	
		S13	-	-	925/ST-5	NO	With alarm.	
		S14	-	-	925/ST-5	NO		
		S15	-	-	925/ST-5	NO		
Terrano	II	-	-	925/NIS	YES	NOT with remote central locking. Australian release made in Spain.		
Saab	95 Series	-	-	-	925/ST-4	NO	Auto only. Cannot do manual because it has to be left in gear.	
	900	-	-	-	925/ST-1	NO	Auto only. Cannot do manual because it has to be left in gear.	
Ssangyong	Actyon	-	-	-	925/ST-4	NO	2.0 Litre. <b>MUST</b> lock doors after idle period.	
	Kyron	-	-	-	925/ST-4	NO	<b>MUST</b> lock doors after idle period.	
	Musso	-	-	-	925/ST-4	NO	2.7 Litre.	
	-	-	-	-	925/SSA	YES	2.9 Litre. Dual Cab Utility. <b>MUST</b> lock doors after idle period.	
Subaru	Rexton	-	-	-	925/ST-4	NO	<b>MUST</b> lock doors after idle period.	
	Forester	GT	-	-	925/WRX-A	YES		
	Legacy	-	-	-	925/WRX	YES		
	Liberty	-	-	2003	925/WRX	YES		
	RX	-	-	-	925/WRX	YES		
	Vortex	-	-	-	925/ST-2	NO		
	WRX	MY97	-	-	July 1997	925/WRX	YES	
		MY98	-	-	-	925/WRX-A	YES	WITHOUT keypad alarm.
		MY99	-	-	-	925/WRX-A	YES	WITHOUT keypad alarm.
		MY00	-	-	-	925/WRX-A	YES	WITHOUT keypad alarm.
MY01		-	-	-	925/WRX-A	YES	WITHOUT keypad alarm.	
	MY02	-	-	-	925/WRX-A	YES	WITHOUT keypad alarm.	
Suzuki	Cappuco	-	-	-	925/ST-2	NO		
	Piazza	-	-	-	925/ST-2	NO		

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			FROM	TO			
Tata	Telcoline	-	-	-	925/ST-4	NO	
Toyota	Celica	64STJ5	-	-	925/ST-2	NO	
		GT4	-	-	925/ST-4	NO	
	Coaster Bus	-	-	-	925/COA	YES	Factory turbo.
		-	-	-	925/ST-4	NO	
	Forerunner	-	-	-	925/ST-2	NO	Includes 3.0 Litre.
	Hiace	-	August 2005	-	925/LC100A	YES	2.5 Litre. Common rail technology.
		-	2007	-	925/LC100A	YES	3.0 Litre.
	Hilux	-	-	August 1983	925/LC	YES	2.2 Litre.
		-	August 1983	July 1991	925/HL	YES	2.4 Litre.
		-	August 1991	July 1997	925/HLNB	YES	2.8 Litre.
		-	August 1997	-	925/LC100	YES	3.0 Litre normally aspirated.
		-	December 1999	-	925/LC100	YES	3.0 Litre 1KZTE engine.
		-	March 2005	-	925/HL05	YES	3.0 Litre 1KD-FTV engine. Common rail turbo diesel. Must keylock. Includes 2007 D4D.
		-	-	-	-	-	-
	Land Cruiser	60 Series	-	-	925/LC	YES	Includes HJ60 and HJ61.
		70 Series	-	1990	925/LC	YES	
		70 Series	April 2007	-	925/LC75+	YES	D4D 4.5 Litre V8 diesel. Includes 76, 78 and 79 series. Must keylock.
		70 Series GXL	2007	-	925/LC79RV	YES	D4D 4.5 Litre V8 diesel. Includes 76, 78 and 79 series. Must keylock.
		75 Series	-	December 1994	925/LC	YES	
		75 Series	January 1995	2006	925/LC75+	YES	
		76 Series	2007	-	925/LC75+	YES	D4D 4.5 Litre V8 diesel. Wagon. <b>NOT</b> GXL model.
		76 Series GXL	2007	-	925/LC79RV	YES	4.5 Litre V8 diesel wagon.
		78 Series	1999	2006	925/LC75+	YES	Trayback. <b>Not</b> GXL or RV models.
		78 Series GXL	2007	-	925/LC79RV	YES	Trayback.
		78 Series RV	1999	2006	925/LC79RV	YES	Trayback.
		79 Series	1999	2006	925/LC75+	YES	Troop Carrier. <b>NOT</b> GXL or RV models.
		79 Series GXL	2007	-	925/LC79RV	YES	Troop Carrier.

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Toyota (Continued)	Land Cruiser (Continued)	79 Series RV	1999	2006	925/LC79RV	YES	Troop Carrier.
		80 Series	-	July 1992	725/LC80	YES	Vehicle identification; has 15" rims and Toyota ( <b>word</b> ) badge on front.
		80 Series	August 1992	January 1995	925/LC80A	YES	Vehicle identification; has 16" rims and Toyota <b>insignia</b> badge on front.
		80 Series	February 1995	-	925/LC80-4V	YES	Includes 4 valve.
		100 Series	-	2007	925/LC100	YES	Includes Sahara 2003 & GXL 5 speed automatic.
		100 Series	-	-	925/LC100A	YES	4 speed automatic.
		200 Series	2007	-	925/LC200	NO	All models (GXL, VX and Sahara).
		BJ40	1978	1979	925/LC	YES	
		FJ55	-	-	925/ST-1	NO	
	Prado	Diesel	March 2000	-	925/LC100	YES	120 Series.
		D4D	October 2006	-	925/LC100A	YES	Must keylock. Central locking is disabled during the idle period.
	Supra	MA71	-	-	925/HL	YES	
		-	-	-	925/ST-5	NO	2JZ-GTE engine. Twin Turbo.
	Surf	-	-	-	925/ST-2	NO	Includes 3.0 Litre.
Volkswagen	Transporter	-	-	-	925/ST-4	NO	Early models only.
Volvo	Turbo	-	-	-	925/ST-2	NO	
Other Vehicles - 12 or 24 Volts	One circuit to be energised.	-	-	-	925/ST-1	NO	No electronic engine management, no alarm, no immobilizer, no remote central locking.
Other Vehicles - 12 or 24 Volts	One circuit to be energised.	-	-	-	925/ST-4	NO	Electronic engine management, or alarm, or immobilizer, or remote central locking.
Other Vehicles - 12 or 24 Volts	Two circuits to be energised.	-	-	-	925/ST-2	NO	No electronic engine management, no alarm, no immobilizer, no remote central locking
Other Vehicles - 12 or 24 Volts	Two circuits to be energised.	-	-	-	925/ST-5	NO	Electronic engine management, or alarm, or immobilizer, or remote central locking.