

Hitachi Contents

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Hitachi HT10 HT12 Type Turbos

Common Service Parts
Oversize Service Parts

Hitachi HT10 HT12

Common Service Parts

Illustration for this turbo is not currently available – please contact Melett Engineers for latest availability of technical information.

Hitachi HT10 HT12

Repair Parts & Service Kits

All parts are available for purchase as individual components or in the following popular Repair Kits

Part Description	Melett Part Number	Qty Per Turbo	Minor Kit (Small Brg) 1600-810-750	Minor Kit (Large Brg) 1600-810-751	Minor Kit HT10-18 1600-810-752	Minor Kit HT12-19 1600-810-753
Journal Brg (Ø11.9mm)	1600-810-100	2	2		2	2
Journal Brg (Ø14.9mm)	1600-811-100	2		2		
Retaining Ring (11.9mm J-brg)	1600-810-140	4	4		4	3
Retaining Ring (14.9mm J-brg)	1600-810-141	4		4		
"O" Ring (Insert)	1600-810-150	1	1	1		1
"O" Ring (Insert)	1600-810-151	1			1	
Piston Ring (Turb)	1600-810-160	1	1	1	1	1
Piston Ring (Comp)	1600-810-170	1	1	1	1	1
Thrust Flinger	N/A	1				
Thrust Spacer	N/A	1				
Thrust Bearing (Ø46mm)	1600-810-320	1	1	1		
Thrust Bearing (Ø40mm)	1600-810-321	1			1	1
Shaft nut	1600-810-350	1	1	1	1	
Shaft nut	1600-812-350	1				1
Screw (Thrust Bearing)	1600-810-620	4	4	4	3	3
Screw (seal plate)	1600-810-600	3			3	

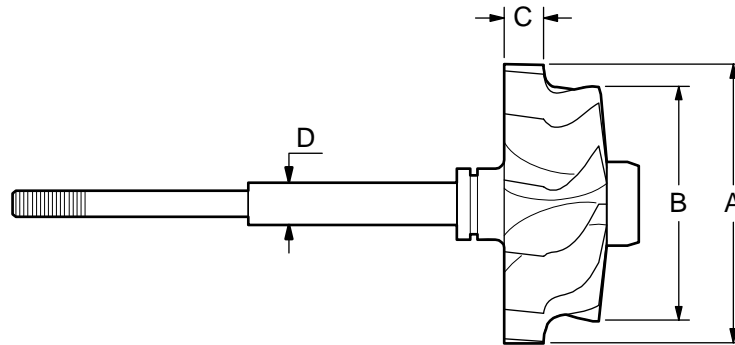
Oversize Repair Parts Available

Journal Bearings			
Oversize's Available		Part Number (Small Bearing)	Part Number (Large Bearing)
OD +.005"	ID -.005"	1600-810-110	1600-811-110
OD +.005"	ID Std	1600-810-114	1600-811-114
OD Std	ID -.005"	1600-810-117	1600-811-117
OD +.010"	ID Std	1600-810-124	1600-811-124

HT10 HT12 Type

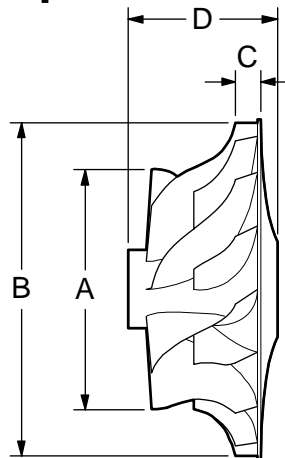
Major Replacement Parts - Detail

Shaft & Wheel



Melett Part No.	To replace	Vehicle	(A) Inducer ø mm's	(B) Exducer ø mm's	(C) Tip width mm's	(D) Shaft OD
1600-812-435	HT12-19	Nissan Patrol	44.2	36.8	7.6	7.8

Compressor Wheel



Melett Part No.	To Fit	(A) Inducer ø mm's	(B) Full ø mm's	(C) Tip width mm's	(D) Total Hub Length
1600-812-400	HT12-19	41.2	54.1	6.0	24.9

Hitachi HT15B Type Turbos

Replacement Turbine Housing

Melett offer the following replacement housing to fit either the original Hitachi CHRA or a replacement version, which is machined with a different wheel profile to fit the Garrett T3 CHRA.

Vehicle Make	Vehicle Model	Fuel	Model	To fit turbo...	OE Hsg No.	Melett Part No.
Nissan	Patrol GR 3.3L	D	HT15B	Original Hitachi		1600-815-820
Nissan	Patrol GR 3.3L	D	HT15B	Garrett Replacement Detail 409174-0018 CHRA No. 409989-0096 Shaft & Wheel		1100-030-823