

GT/VNT12-25 2nd/3rd Gen - Repair Kits & Service Parts (Part A - Page 1 of 2)

Key	Part Number	Description	Qty in Turbo	1102-015-767	1102-015-768	1102-015-770	1102-015-771	1102-015-772	1102-015-773	1102-015-775	1102-015-776	1102-015-777	1102-015-778
8	1102-015-101	Bearing GT20-25 Std (Straight shaft)	1	1	1				1		1		1
8	1102-015-102	Bearing GT1544 (ID Ø6.5mm)	1										
8	1102-015-103	Bearing GT1544V (ID Ø6.5mm)	1				1					1	
8	1102-015-104	Bearing GT15-20 (New Style Slender)	1					1		1			
8	1102-015-124	Bearing GT15 OD + 0.010"/ ID Std	1										
8	1100-025-100	Bearing T2/25 (Long 9.35mm) Std OD/Std ID	1										
12	1102-015-322	Thrust Bearing (Oil groove small pad)	1			1	1	1				1	
12	1102-015-324	Thrust Bearing (Oil groove large pad)	1	1	1					1	1		1
12	1102-015-325	Thrust Bearing (2xoilfeeds/small pad)	1						1				
12	1102-015-326	Thrust Bearing (Oil Groove 6 Pad - Large/RevRot)	1										
12	1100-025-320	Thrust Bearing T2/T25	1										
14	1102-015-160	Piston Ring Turbine	1	2	1		1	1	1	1	1	1	1
15	1102-015-173	Piston Ring Compressor 10mm	1	1	1	1	1	1	1	1	1	1	1
15	1100-040-170	Piston Ring T3/T04B	1										
19	1102-015-243	Thrust Collar (Oil Groove small pad)	1			1	1	1				1	
19	1102-015-240	Thrust Collar (10 pad)	1										1
19	1102-015-245	Thrust Collar (Large Pad Thrust)	1										
19	1102-022-240	Thrust Collar GT2256LMS	1										
20	1102-015-242	Thrust Washer (Oil Groove large pad)	1	2	2					1	1		
20	1102-015-244	Thrust Washer GT14 (Small Pad)	1						1				
21	1102-015-220	Thrust Spacer	1	1	1				1	1	1		
22	1102-015-202	Thrust Flinger (Oil Groove large pad)	1							1	1		1
22	1102-015-203	Thrust Flinger (Oil Groove small pad)	1			1	1	1	1			1	
22	1102-015-204	Thrust Flinger (For Oil Deflector)	1	1	1								
22	1102-017-200	Thrust Flinger GT15-25	1										
22	1102-022-201	Thrust Flinger (6.10mm Height/Single P.Ring)	1										
22	1102-015-205	Thrust Flinger GT1549S (4 part thrust assy)	1	1	1		1	1	1				
22	1102-020-200	Thrust Flinger GT20 (15.3mm Thrust Face)	1										
23	1102-015-140	Spiral Spring (Journal Brg)	1										
26	1100-025-140	Retaining Ring (Serpentine Style) T2/25											
26	1102-015-140	Retaining Ring (Spiral) GT15 Brg	1										
28	1102-017-310	Oil Deflector GT1752S	1										
29	1102-015-150	O Ring (Brg Hsg/Sealplate)	1	1									
29	1100-025-150	O Ring GTB type 42mm I/D	1				1		1				
30	1102-015-151	O Ring (82mm Comp Cover)	1				1						
30	1102-015-152	O Ring (88mm Comp Cover)	1				1						
30	1102-015-153	O Ring (95mm Comp Cover)	1	1	1		1	1					
30	1102-015-154	O Ring (108mm Comp Cover)	1				1						
30	1102-015-155	O Ring (114mm Comp Cover)	1										
30	1100-025-150	O Ring T2/25 Insert											
30	1102-032-155	O Ring (Comp Cover)	2		2								
36	1102-022-500	Clamp Plate GT2256LMS (Comp End/M5)	2										
37	1102-015-483	Clamp Plate GT/VNT 15-25 Turbine	4	4	4		4	4	4				
37	1100-025-480	Clamp Plate T2/25 (Turbine End)	4	4	4		4	4	4				
39	1102-015-620	Screw (Seal Plate)	-	6	4		5	5	5				
39	1102-014-620	Screw (Seal Plate) (Special Head M5 x 11.8mm)	1										
40	1102-015-600	Bolt (Turbine Hsg)	6										

40	1102-015-601	Bolt Turbine Hsg M8 x 12	4									
40	1102-015-625	Bolt (Actuator Bracket)	6	7	6		4	4	5			
40	1252-201-600	Bolt S1B (Turbine Housing, Stainless)	1	1	1		1	1	1	1	1	1
40	1102-015-630	Bolt (VNT Nozzle Ring M4x20)	3									
40	1102-015-631	Bolt (VNT Nozzle Ring M4x16)	3									
42	1102-015-610	Bolt (Flanged) GT15-25 Comp	1									
43	1102-015-351	Shaft Nut LHT	1									
43	1102-015-350	Shaft Nut GT/VNT15-25 (RHT)	5	6			3	3	5			
43	1100-025-350	Shaft Nut T2/T25 (LHT)	5									
51	1102-015-481	Clamp Washer (Turbine)	1	1	1		1	1	1	1	1	1
51	1102-015-482	Clamp Washer	1	1	1							
66	1102-015-291	Anti-Rotation Pin	1									
-	1102-015-310	Oil Deflector	1									
-	1102-017-310	Oil Deflector GT1752S	1									
-	1102-022-190	Wear Washer (Bearing) GT2256LMS (15.00mm OD)										
-	1100-025-145	Circlip T2 (Insert)										

GT/VNT12-25 2nd/3rd Gen - Repair Kits & Service Parts (Part B – Page 1 of 2)

Key	Part Number	Description	Qty in Turbo	1102-015-780	1102-015-781	1102-015-782	1102-015-783	1102-015-784	1102-015-785	1102-015-787	1102-017-755	1102-022-756	1102-022-757	1102-115-755	1102-115-756
8	1102-015-101	Bearing GT20-25 Std (Straight shaft)	1			1	1		1	1	1		1	1	1
8	1102-015-102	Bearing GT1544 (ID Ø6.5mm)	1												
8	1102-015-103	Bearing GT1544V (ID Ø6.5mm)	1												
8	1102-015-104	Bearing GT15-20 (New Style Slender)	1		1		1	1							
8	1102-015-124	Bearing GT15 OD + 0.010"/ ID Std	1												
8	1100-025-100	Bearing T2/25 (Long 9.35mm) Std OD/Std ID	1									2			
12	1102-015-322	Thrust Bearing (Oil groove small pad)	1												
12	1102-015-324	Thrust Bearing (Oil groove large pad)	1	1	1	1	1	1	1	1	1		1		1
12	1102-015-325	Thrust Bearing (2xoilfeeds/small pad)	1												
12	1102-015-326	Thrust Bearing (Oil Groove 6 Pad - Large/RevRot)	1											1	
12	1100-025-320	Thrust Bearing T2/T25	1									1			
14	1102-015-160	Piston Ring Turbine	2		1	1	1	2	2	2	2	1	1	2	2
15	1102-015-173	Piston Ring Compressor 10mm	1	1	1	1	1	1	1	1	1		1	1	2
15	1100-040-170	Piston Ring T3/T04B	1									1			
19	1102-015-243	Thrust Collar (Oil Groove small pad)	1												
19	1102-015-240	Thrust Collar (10 pad)	1												
19	1102-015-245	Thrust Collar (Large Pad Thrust)	1							1					1
19	1102-022-240	Thrust Collar GT2256LMS	1												
20	1102-015-242	Thrust Washer (Oil Groove large pad)	1	1	1	1	1	1	1		2		2	2	
20	1102-015-244	Thrust Washer GT14 (Small Pad)	1												
21	1102-015-220	Thrust Spacer	1	1	1	1	1	1	1		1		1	1	
22	1102-015-202	Thrust Flinger (Oil Groove large pad)	1	1	1	1	1	1	1	1					
22	1102-015-203	Thrust Flinger (Oil Groove small pad)	1												
22	1102-015-204	Thrust Flinger (For Oil Deflector)	1												
22	1102-017-200	Thrust Flinger GT15-25	1								1				
22	1102-022-201	Thrust Flinger (6.10mm Height/Single P.Ring)	1										1		
22	1102-015-205	Thrust Flinger GT1549S (4 part thrust assy)	1											1	
22	1102-020-200	Thrust Flinger GT20 (15.3mm Thrust Face)	1												
22	1102-015-206	Thrust Flinger GT/VNT 12-25 (10mm Twin Ring)	1												1
26	1100-025-140	Retaining Ring (Serpentine Style) T2/25	2									2			
26	1102-015-140	Retaining Ring (Spiral) GT15 Brg	1		1	1	1	1	1	1	1			1	1
28	1102-017-310	Oil Deflector GT1752S	1								1		1	1	
29	1102-015-150	O Ring (Brg Hsg/Sealplate)	1		1	1	1		1	1				1	
29	1100-025-150	O Ring GTB type 42mm I/D	1					1		1	1	1	1		
30	1102-015-151	O Ring (82mm Comp Cover)	1		1	1	1								
30	1102-015-152	O Ring (88mm Comp Cover)	1		1	1	1							1	1
30	1102-015-153	O Ring (95mm Comp Cover)	1		1	1	1	1	1	1	1				
30	1102-015-154	O Ring (108mm Comp Cover)	1		1	1	1								
30	1102-015-155	O Ring (114mm Comp Cover)	1		1	1	1								
30	1100-025-150	O Ring T2/25 Insert	1						1	1					1
30	1102-032-155	O Ring (Comp Cover)	1										1		
31	1102-014-151	O Ring GT1444Z (Seal Plate)	1												1
36	1102-022-500	Clamp Plate GT2256LMS (Comp End/M5)	3									3			
37	1102-015-483	Clamp Plate GT/VNT 15-25 Turbine	2								2				
37	1100-025-480	Clamp Plate T2/25 (Turbine End)	2									2		2	
39	1102-015-620	Screw (Seal Plate)	4		4	4	4	4	4	4	4	2	4		4
39	1102-014-620	Screw (Seal Plate) (Special Head M5 x 11.8mm)	4												
40	1102-015-600	Bolt (Turbine Hsg)	4		5	5	5	5	5	5	4				
40	1102-015-601	Bolt Turbine Hsg M8 x 12	1												
40	1102-015-625	Bolt (Actuator Bracket)	6									6			
40	1252-201-600	Bolt S1B (Turbine Housing, Stainless)	4									4	6		

40	1102-015-630	Bolt (VNT Nozzle Ring M4x20)	3											
40	1102-015-631	Bolt (VNT Nozzle Ring M4x16)	3											
42	1102-015-610	Bolt (Flanged) GT15-25 Comp	6	6	6	6	6	6	6	6	6			
43	1102-015-351	Shaft Nut LHT	1	1	1	1	1	1	1	1	1	1	1	1
43	1102-015-350	Shaft Nut GT/VNT15-25 (RHT)	1										1	
43	1100-025-350	Shaft Nut T2/T25 (LHT)	1									1		
51	1102-015-481	Clamp Washer (Turbine)	5	5	5	5	5	5	5			6		
51	1102-015-482	Clamp Washer	5											
66	1102-015-291	Anti-Rotation Pin	1	1	1	1	1	1	1	1	1	1	1	1
-	1102-015-310	Oil Deflector	1											
-	1102-017-310	Oil Deflector GT1752S	1									1		
-	1102-022-190	Wear Washer (Bearing) GT2256LMS (15.00mm OD)	1									1		
-	1100-025-145	Circlip T2 (Insert)	1									1		

GT/VNT12-25 2nd/3rd Gen - Small Parts Not Included in Repair Kits

Melett Part No.	Description
1102-217-625	Actuator Clamp Bolt GTB1749V (Turbo 760698-0004)
1102-217-626	Actuator Clamp Washer
1102-015-395	Actuator Clip GT/VNT15-25
1102-014-530	Band Clamp GT14
1102-015-530	Band Clamp GT1546JS (436727-0001)
1102-017-590	Banjo Bolt GT15-25
1102-015-632	Bolt (GTB Nozzle Ring Guard M4 x 10)
1102-015-625	Bolt GT15-25 (Actuator Bracket)
1102-217-600	Clamp Bolt (Turbine Housing) GTB1749V (M6 x 10 x 1mm)
1102-017-790	Copper Washer GT15-25 (Oil Inlet)
1102-214-165	Gas Seal Ring GTB14 (Nozzle Assy Cage)
1102-217-165	Gas Seal Ring GTB15-25 (Nozzle Assy Cage)
1900-000-042	Gasket GT15-25 (Oil Outlet)
1900-000-045	Gasket GTA17/18 (Oil Inlet/Outlet)
1102-015-606	Grub Screw GT15-25 (VNT Lever Arm)
1102-017-876	Nozzle Ring Pin 14.3mm
1102-015-640	Nut GT15-25 (VNT Lever Arm)
1102-117-591	Oil-in Adaptor GTA1749MV (M10 X 1 / M14 x 1.5)
1102-117-592	Oil-in Adaptor GTA1749MV (M10x1.0)
1102-015-195	Roll Pin (Turbine Housing Location Pin ϕ 2.0 x 6mm long)
1102-015-196	Roll Pin Actuator Lever Arm
1102-015-635	Seal GT15-25 (Electronic Actuator Housing)
1102-015-607	Stud Turbine (M10x40x1.25mm)
1102-015-605	Stud Turbine (M8 x 35mm)
1102-014-480	Washer MGT1446MZGL (Electromagnetic Switch)
1102-014-610	Bolt MGT1446MZGL (Electromagnetic Switch)
1850-400-001	Electromagnetic Switch MGT1446MZGL (Turbo 781504-0007)
1102-012-602	Stud (M8 X 42mm)
1102-012-603	Stud (M6 x 21mm)
1102-012-641	Nut, M8 x 1.25 coarse standard - Hexagon All Metal Prevailing Torque Flange Nut. Material - A2 stainless steel.
1102-012-642	Nut, M6 x 1.0 coarse standard - Hexagon Full Nut. Material A2 stainless steel.
1102-015-633	Bolt (GTB Nozzle Ring Cage M4x10, 9.5mm head)
1102-017-871	VNT Stop Pin
1102-217-627	Actuator Clamp Screw GT17
1102-217-641	Nut (Turbo Mounting) GTB1749 (M8 X 1.25 Flanged)



GT/VNT12-25 - Repair Kits Description

Melett Part No.	OE Number	Description
1102-015-751		Repair Kit GT15-25 (Straight Shaft S/back 9mm P/Ring)
1102-015-752		Repair Kit GT15-25 (Slender Shaft F/Back 9mm P/Ring)
1102-015-753		Repair Kit GT15-25 (Slender Shaft S/Back 9mm P/Ring)
1102-015-754		Repair Kit GT15-25 (Slender Shaft S/Back 10mm P/Ring)
1102-015-755		Repair Kit GT15-25 (Universal Slender Shaft all thrusts)
1102-015-756	732252-0001	Repair Kit GT15-25 (Universal Both brgs all thrusts)
1102-015-758	732136-0001	Base kit GT/VNT15-25 (Slender Shaft)
1102-015-759	732245-0001	Base kit GT/VNT15-25 (Straight Shaft)
1102-015-760	732248-0001	Thrust Kit GT15 (F/Back 9mm Piston Ring)
1102-015-761	732248-0002	Thrust Kit GT15-25 (S/Back 9mm Piston Ring)
1102-015-762	732248-0003	Thrust Kit GT15-25 (S/Back 10mm Piston Ring)
1102-015-766		Repair Kit GT15-25 (Straight Shaft S/Back 10mm P/Ring)
1102-015-767		Repair Kit (Major) GT15-25 (4-Part Thrust With Oil Deflector/Twin Piston Ring)
1102-015-769		Repair Kit (Major) GT20/25 Perkins (with oil deflector)
1102-015-768		Repair Kit (Major) GT15-25 (Large Pad Thrust & Includes Oil Deflector)
1102-015-770	2 nd Generation	Thrust Kit GT15 (Small Pad thrust)
1102-015-771	2 nd Generation	Repair Kit GT15 (6.5mm shaft Small Pad thrust)
1102-015-772		Repair Kit GT15 (Small Pad Thrust / Slender Brg)
1102-015-773		Repair Kit (Major) GT1444V (Small Pad/Twin Feed Thrust)
1102-015-775		Repair Kit (Mini) GT15-25 (Slender 104 Brg)
1102-015-776		Repair Kit (Mini) GT15-25 (Straight 101 Brg)
1102-015-777		Repair Kit (Mini) GT15 (Small Pad Thrust / ID 6.5mm Brg)
1102-015-778		Repair Kit (Mini) GT15-25 (Old 10-Pad Thrust Replacement)
1102-015-780	2 nd Generation	Thrust Kit GT15 (Oil Groove Large Pad)
1102-015-781	2 nd Generation	Repair Kit GT15 (Slender Shaft S/Back 10mm P/Ring Large Pad)
1102-015-782	2 nd Generation	Repair Kit GT15 (Straight Shaft S/Back 10mm P/Ring Large Pad)
1102-015-783	2 nd Generation	Repair Kit GT15 (Universal both bearings all thrusts)
1102-015-784	2 nd Generation	Repair Kit GTB15 (Large Thrust / 104 Brg / twin ring)
1102-015-785	2 nd Generation	Repair Kit GTB15 (Large Thrust / 101 Brg / twin ring)
1102-015-787		Repair Kit GTB15-25 (101 Brg Shaft/Twin Ring/245 Collar)
1102-017-755		Repair Kit (Major) GT15-25 (Large Pad Thrust, Oil Deflector & Twin Ring)
1102-022-756		Repair Kit (Major) GT2256LMS (022-240 Collar + Wear Washers)
1102-022-757		Repair Kit (Major) GT15-25 (101 Brg / 022-201 Thrust Flinger)
1102-115-755		Repair Kit (Major) GT15-25 (4-Part Thrust/Twin Piston Ring/Reverse Rotation)