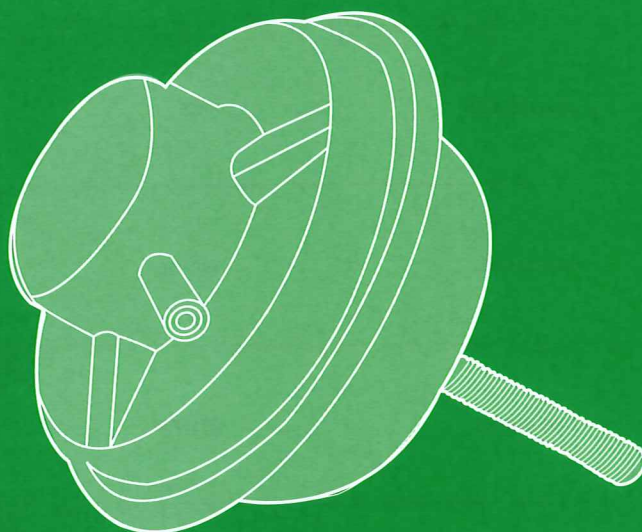
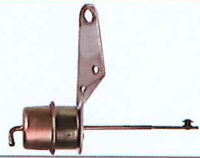




Actuators

A quick guide to Actuators by Jrone Part No., including pictures for identification.

Actuator Assy No.	Turbo Model	Picture	Remark
2060-016-036	RHC6-8		
2060-016-036B	RHC6-5		
2060-016-037	GTP38		
2060-016-038	RHC6-4		
2060-016-039	RHC6		
2061-011-003	TKP7C-6		
2061-016-001	GT1549S		
2061-016-002	K04		
2061-016-003	K03		
2061-016-014	TD05		

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-015	GT2052S		
2061-016-022	K14		
2061-016-023	TF035		
2061-016-025	TF035		
2061-016-026	KP35		
2061-016-028	KP35		
2061-016-032	GT1549V		2060-016-023 no bracket
2061-016-034	GT2252V		2060-016-010 no bracket
2061-016-035	GT2052V		2060-016-035 no bracket
2061-016-036	K14		

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-038	GT1852V		2060-016-021 no bracket
2061-016-039	GT2538C		
2061-016-040	TD04L		
2061-016-041	K03		
2061-016-044	TF035		
2061-016-047	RHF4		
2061-016-048	RHF5		
2061-016-052	K03		
2061-016-055	GT1544S		
2061-016-062	KP35		

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-063	GT1749V		2060-016-020 no bracket
2061-016-083	K04		2060-016-020
2061-016-086	K03		2060-016-020
2061-016-087	K03		2060-016-020
2061-016-088	KP39B		2060-016-020
2061-016-091	K16		2060-016-020
2061-016-100	GT1749S		2060-016-020
2061-016-101	GT2260V		2060-016-101 no bracket
2061-016-106	GT2052V		2060-016-106 no bracket
2061-016-107	GT1238S		2060-016-020

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-108	TD04		
2061-016-110	GT2556V		2060-016-001 no bracket
2061-016-111	GT2052S		
2061-016-112	GT1544S		
2061-016-117	GT1852V		2060-016-117 no bracket
2061-016-122	GT1544S		
2061-016-137	GT3576DL		2060-016-137 no bracket
2061-016-141	GT2052V		2060-016-010 no bracket
2061-016-142	GT2256V		
2061-016-144	GTA3782S		

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-149	GT1549V		2060-016-149 no bracket
2061-016-150	GT1752S		
2061-016-152	GT1752H		
2061-016-153	GT2252S		
2061-016-161	GT3576		
2061-016-213	GT1749LS		
2061-016-220	GT1544S		
2061-016-221	GT2256MS		
2061-016-223	GTA2056V		2060-016-109 no bracket
2061-016-234	TD04HL		

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-236	GT1749V		2060-016-236 no bracket
2061-016-238	HX40W		
2061-016-240	RHF4		
2061-016-262	KP35		
2061-016-272	K14		
2061-016-279	HX40W		
2061-016-300	K04		
2061-016-301	GT1749V		2060-016-029 no bracket
2061-016-303	GT1749V		2060-016-303 no bracket
2061-016-305	GT1749V		2060-016-001 no bracket

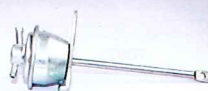
Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-308	GT1749V		2060-016-308 no bracket
2061-016-310	GT1544V		2060-016-310 no bracket
2061-016-314	BV39		
2061-016-322	K03		
2061-016-330	GT1549V		2060-016-019 no bracket
2061-016-331	K16		
2061-016-341	GT2256V		2060-016-021 no bracket
2061-016-349	GT1541V		2060-016-349 no bracket
2061-016-350	GT1646V		2060-016-350 no bracket
2061-016-354	GT2052S		

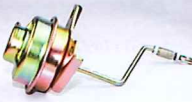
Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-359	RHF4V		
2061-016-364	K04		
2061-016-365	K04		
2061-016-368	GT1849V		2060-016-368 no bracket
2061-016-373	BV39		
2061-016-379	GT1749S		
2061-016-383	GT1549S		
2061-016-385	GT1849V		2060-016-385 no bracket
2061-016-388	GT1749MV		2060-016-388 no bracket
2061-016-389	GTB1649V		2060-016-389 no bracket

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-391	GT1544V		2060-016-391 no bracket
2061-016-416	K24		
2061-016-425	HX35W		
2061-016-432	GT1752S		
2061-016-438	K27		
2061-016-440	GT1749V		2060-016-023 no bracket
2061-016-447	GT2052S		
2061-016-477	K0422-881		
2061-016-481	GTP38		
2061-016-498	T250-04		

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-501	RHF4V		
2061-016-502	RHV4/VJ37		
2061-016-504	CT09		
2061-016-505	C14		
2061-016-519	TD025		
2061-016-526	TF035HL		
2061-016-527	TD025		
2061-016-542	TD025		
2061-016-545	TD04LR		
2061-016-558	TD04HL		

Pictures for reference only.

Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-565	K03		
2061-016-567	K03		
2061-016-578	CT20		
2061-016-609	RHF4/VN3		
2061-016-610	KP31		
2061-016-612	GT2256V		2060-016-612 no bracket
2061-016-613	GTA3776		
2061-016-638	K04		
2061-016-641	BV43		
2061-016-654	BV39		

Pictures for reference only.

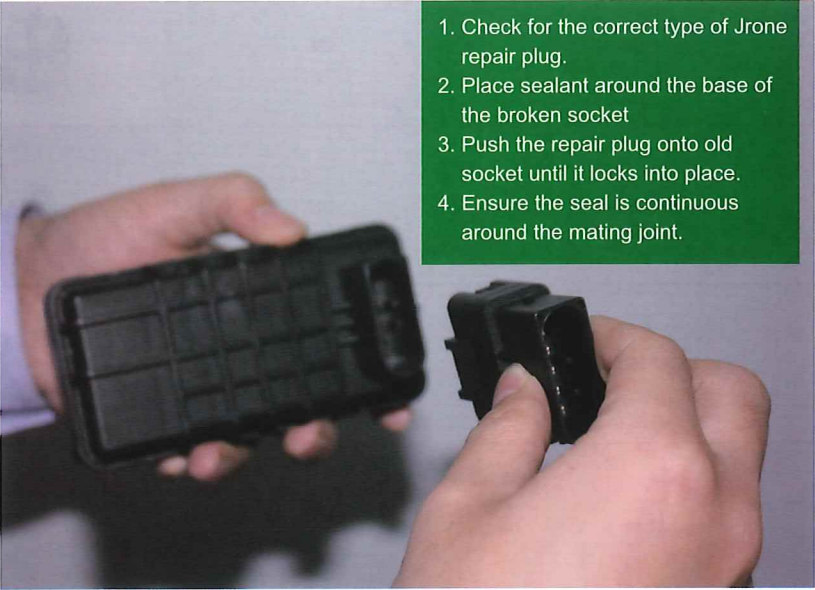
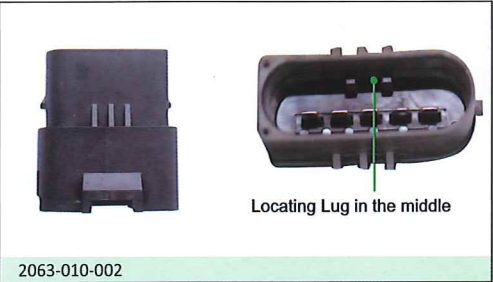
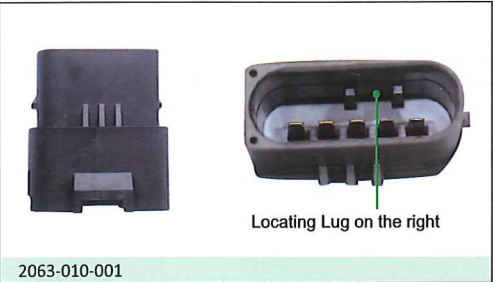
Actuator Assy No.	Turbo Model	Picture	Remark
2061-016-670	GTA2052V		2060-016-023 no bracket
2061-016-691	CT10		
2061-016-738	GT3571S		
2061-016-741	RHC7		
2061-016-743	TF035 VGT		
2061-016-744	GT3576DL		
2061-016-745	GT3271S		
2061-016-746	GT1238S		
2061-016-747	GT1238S		
2061-016-758	K03		

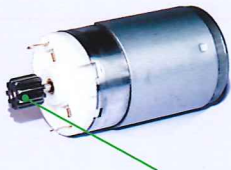
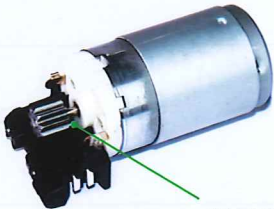
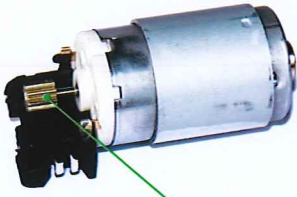
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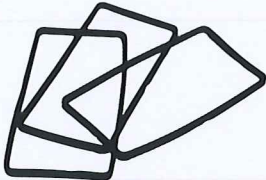
Actuators

Pictures for reference only.

Electrical Actuator Parts



 Φ8.0mm	 Φ8.0mm	 Φ6.6mm	 Φ6.6mm
2063-060-001	2063-060-003	2063-060-002	2063-060-004
Φ8.0MM	Φ8.0MM	Φ6.6MM	Φ6.6MM

 7Teeth	 5Teeth		
2063-040-001	2063-040-002	2063-030-001	2063-020-001
Φ16*34*Φ13MM 7 TEETH	Φ16*34*Φ13MM 5 TEETH	14.37*12.90*4.30	104.20*51.80*2.65*3.50

Pneumatics Actuators

GARRETT	GARRETT	GARRETT	GARRETT
			
2063-010-003 Position Sensor	2063-050-371 GT1749V 753556-0002 JR-371/JR-384	2063-050-462 GT2559V 717410-0007 JR-462	2063-050-722 GTB1749VM 757042-0013 JR-722

GARRETT	GARRETT	GARRETT	KKK
			
2063-050-794 GTB1549V 786137-0001 JR-794	2063-050-822 GTA1749V 760774-0003 JR-822	2063-050-995 GTB1446Z 784521-0001 JR-995	2063-050-247 BV43/BV43B 5303-970-0169/5303-970-0139 JR-247/JR-789

KKK	KKK	KKK	KKK
			
2063-050-640 BV43 5303-970-0109 JR-640/JR-643/JR-644	2063-050-642 BV43 5303-970-0132 JR-642	2063-050-651 BV35 5435-970-0027 JR-651	2063-050-651B BV35 5435-970-0037 JR-996

KKK	KKK	MHI	MHI
			
2063-050-724 BV39F 5439-970-0098 JR-724	2063-050-843 BV30 5430-970-0000 JR-843	2063-050-611 TD04L 49377-07515 JR-611/JR-682/JR-683	2063-050-886 TD02H207VT 49373-02003 JR-886

Electrical Actuators



TOYOTA

2063-050-689
CT VNT
17201-30100
JR-689

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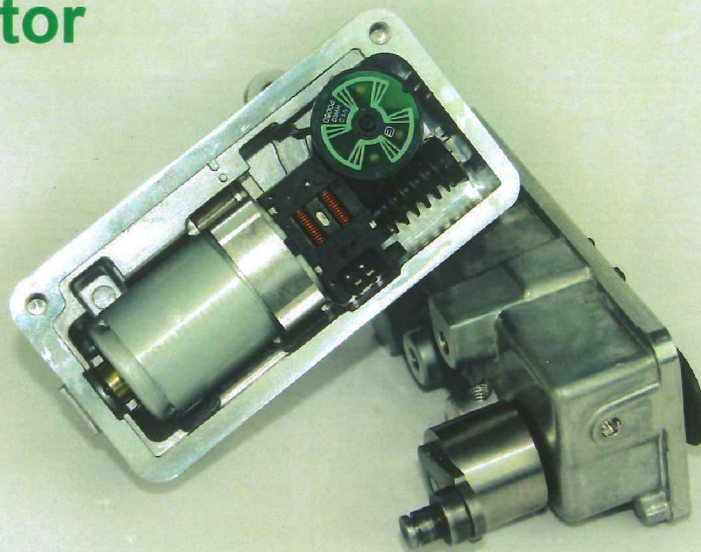
Year	1990	1995	2000	2005
Population (millions)	1.2	1.5	1.8	2.1
GDP (billions of dollars)	100	150	200	250
Unemployment rate (%)	10	12	15	18
Inflation rate (%)	5	8	10	12

Electrical Actuator Gearbox

The electric motor is OE sourced

Worm gear is high quality material

The VNT arm is set to high accuracy



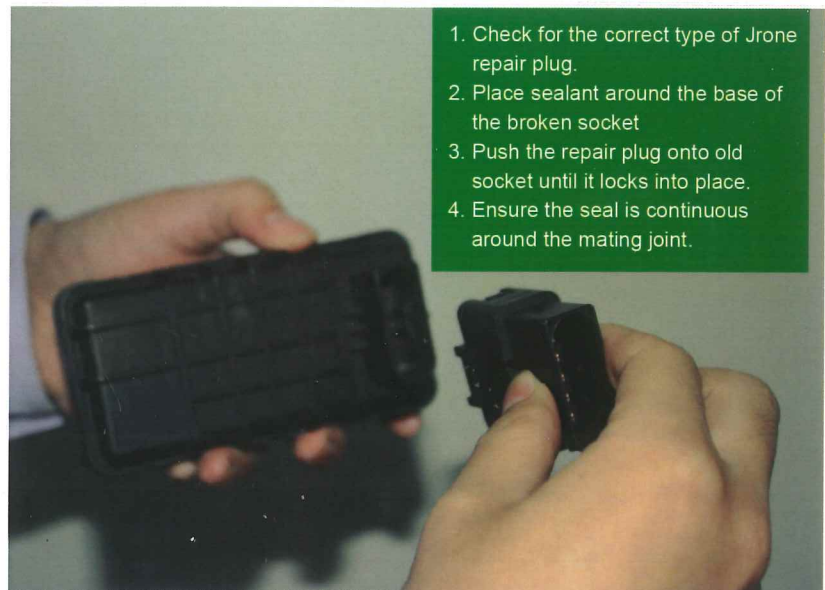
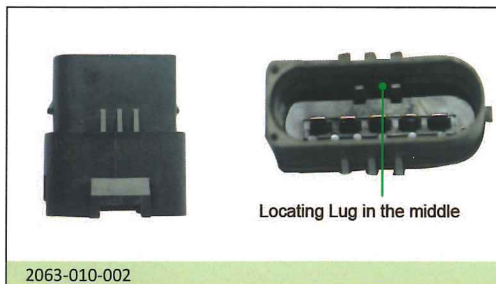
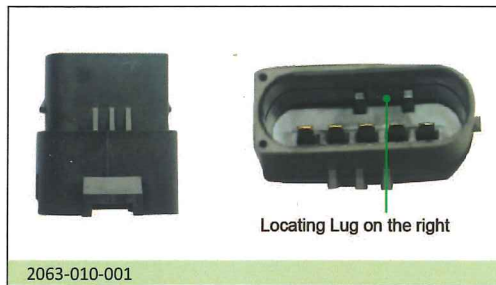
Attention

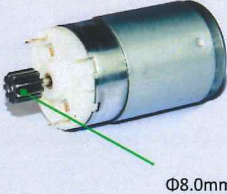
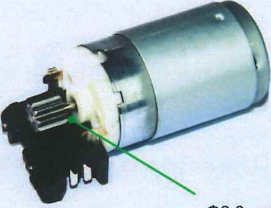
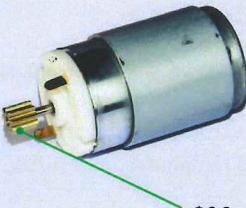
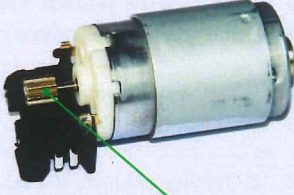
- Our list includes the Gearbox no.(G) for identification, which can be found on the side of gearbox;
- To replace the gearbox ,simply remove the clips and the electronic control unit cover. Place the control unit cover on to the new Jrone gearbox and reattach the clips.
- When you fit the electronic actuator back onto the turbo,re-test the actuator to make sure it is working correctly using an electronic actuator tester.
- To further enhance the quality of a remanufactured turbo, the complete turbo should be checked and set on a flow bench with OE specifications if necessary.
- For more information, please contact your Jrone sales representative.

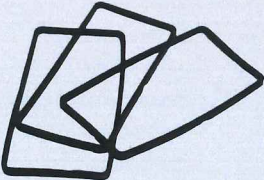
Turbo Oe	Turbo Model	Reference No.	Jrone No.
727461-0003	GT1852VK	G-107	2063-070-107
727461-0005	GT1852VK	G-185	2063-070-185
727463-0001	GT2256VK	G-108	2063-070-108
727463-0002	GT2256VK	G-108	2063-070-108
727463-0003	GT2256VK	G-108	2063-070-108
727463-0004	GT2256VK	G-186	2063-070-186
728680-0001	GT1749MVK	G-221	2063-070-221
728680-0015	GT1749MVK	G-221	2063-070-221
728680-0020	GT1749MVK	G-221	2063-070-221
731877-0001	GT1749VK	G-206	2063-070-206
731877-0004	GT1749VK	G-206	2063-070-206
731877-0009	GT1749VK	G-206	2063-070-206
736088-0003	GT2256V	G-186	2063-070-186
736088-0006	GT2256VK	G-186	2063-070-186
742693-0018	GT1852VK	G-107	2063-070-107
742730-0001	GT2260VK	G-125	2063-070-125

Turbo Oe	Turbo Model	Reference No.	Jrone No.
742730-0003	GTA2260VK	G-285	2063-070-125
742730-0004	GTA2260VK	G-285	2063-070-125
742730-0007	GTA2260VK	G-285	2063-070-125
742730-0013	GTA2260VK	G-285	2063-070-125
742730-0015	GTA2260VK	G-285	2063-070-125
742730-0018	GTA2260VK	G-285	2063-070-125
742730-0019	GTA2260VK	G-285	2063-070-125
743507-0009	GTA2259VK	G-219	2063-070-219
750080-0001	GT2056VK	G-125	2063-070-125
750773-0018	GTA2260VK	G-107	2063-070-107
750952-0001	GTB1752VK	G-138	2063-070-138
750952-0004	GTB1752VK	G-138	2063-070-138
750952-0007	GTB1752VK	G-138	2063-070-138
750952-0010	GTB1752VK	G-138	2063-070-138
750952-0013	GTB1752VK	G-138	2063-070-138
750952-0014	GTB1752VK	G-138	2063-070-138
750952-0017	GTB1752VK	G-138	2063-070-138
752610-0010	GT2052VK	G-34	2063-070-034
752610-0015	GT2052VK	G-34	2063-070-034
752610-0032	GT2052VK	G-48	2063-070-048
753544-0017	GTB1749VK	G-32	2063-070-045
753544-0020	GTB1749VK	G-50	2063-070-050
757608-0001	GTA2056VK	G-219	2063-070-219
758226-0002	GTA1749MVK	G-221	2063-070-221
758226-0004	GTA1749MVK	G-221	2063-070-221
758226-0008	GTA1749MVK	G-221	2063-070-221
758226-0010	GTA1749MVK	G-221	2063-070-221
758226-0014	GTA1749MVK	G-221	2063-070-221
761154-0003	GT2056VK	G-277	2063-070-277
761154-0004	GT2056VK	G-277	2063-070-277
762965-0001	GTB1752VK	G-206	2063-070-206
762965-0017	GTB1752VK	G-206	2063-070-206
763647-0019	GTB1746VK	G-32	2063-070-045
763647-0021	GTB1746VK	G-45	2063-070-045
764381-0002	GTB2056VK	G-285	2063-070-125
765155-0004	GT2056VK	G-277	2063-070-277
765155-0007	GT2056VK	G-277	2063-070-277
765155-0008	GT2056VK	G-277	2063-070-277
769674-0003	GTB1752VK	G-125	2063-070-125
770895-0007	GTA2056VK	G-001	2063-070-001
770895-0008	GTA2056VK	G-001	2063-070-001
777318-0001	GTB2056VK	G-001	2063-070-001
777318-0002	GTB2056VK	G-001	2063-070-001
781743-0001	GTB2056VK	G-001	2063-070-001
781743-0003	GTB2056VK	G-001	2063-070-001
786880-0006	GTB1749VK	G-59	2063-070-059
787556-0016	GTB1749VK	G-74	2063-070-074
787556-0017	GTB1749VK	G-74	2063-070-074
798128-0002	GTB1749VK	G-77	2063-070-077
798128-0004	GTB1749VK	G-77	2063-070-077
798128-0006	GTB1749VK	G-77	2063-070-077
798166-0002	GTB2256VK	G-74	2063-070-074

Electrical Actuator Parts



			
2063-060-001	2063-060-003	2063-060-002	2063-060-004
Ø8.0MM	Ø8.0MM	Ø6.6MM	Ø6.6MM

			
2063-040-001	2063-040-002	2063-030-001	2063-020-001
Φ16*34*Φ13MM 7 TEETH	Φ16*34*Φ13MM 5 TEETH	14.37*12.90*4.30	104.20*51.80*2.65*3.50