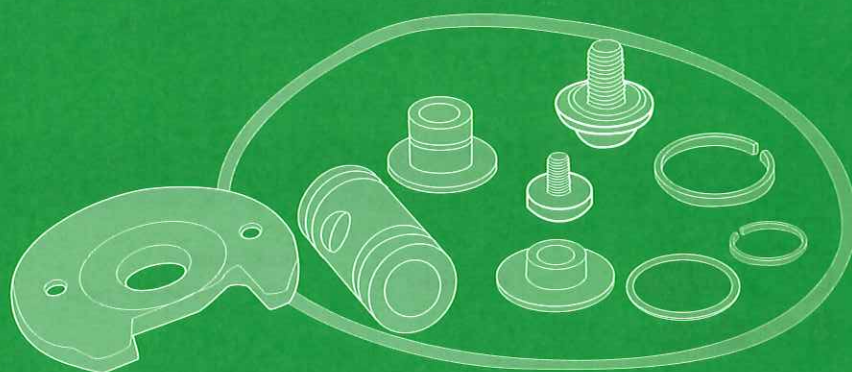




Service Kits

A quick guide to Service Kits by Turbo Model, including pictures for identification.

CZ C13/14/15



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(23mm)	1400-016-109	1
	Thrust Collar(18mm)	1400-016-145	1
	Thrust Bearing	1600-016-124	1
	Thrust Bearing	1600-016-145	1
	Journal Bearing	1700-040-050	2
	Seal Plate	1800-016-050	1
2	Piston Ring (T/End 14.1mm)	2000-020-278	1
3	Piston Ring (C/End 11mm)	2000-020-279	1
4	O Ring (35mm)	2015-016-017	1
8	O Ring (127mm)	2015-016-202	1
8	O Ring (114mm)	2015-016-203	1
	Shaft Nut (LHT)	2019-016-004	1
1	Circlip	2020-016-003B	4
7	Circlip (Seal Plate 44mm)	2020-016-014	1
	Circlip (C/End 128mm)	2020-016-065	1
7	Heat Shield (73mm)	2030-016-128	1
7	Heat Shield (66.8mm)	2030-016-129	1
6	Oil Deflector	2040-016-021	1
5	Oil Deflector	2040-016-036	1
	Bolt (c/end M6×10)	2050-016-002	6
	Bolt (t/end M8×12)	2050-016-004	6
	Bolt (c/end M6×14)	2050-016-007	5
	Clamps,T/End	2070-016-098	3
	Clamps,T/End	2070-016-031	4
	Clamps,T/End	2070-016-009	2

Picture

Jrone Kits No.

Description



5000-090-004

 Repair Kits/Minor
 18mm Thrust Collar/ 35mm Oring


5000-090-005

 Repair Kits/Minor
 23mm Thrust Collar/ 35 mm Oring


5000-090-035

 Repair Kits/Major
 Key parts are same with 5000-090-005, and includes additional seal plate, clamps and 127mm Oring.

1700-040-016

1400-016-113

2019-016-017

1600-016-093

2050-016-004

2030-016-112B

2030-016-112

2070-016-059

2070-016-003

2050-016-078

1

2

3

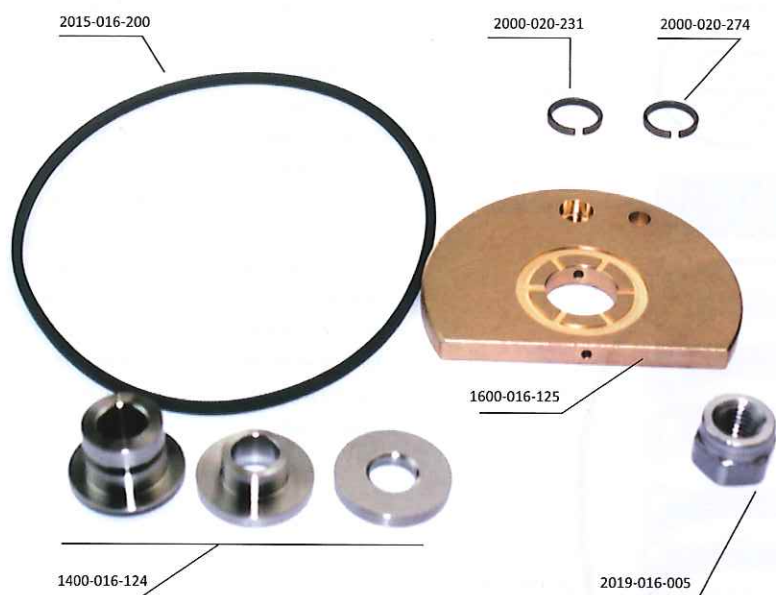
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Key	Parts Description	Jrone No.	Q'ty/ Turbo
1	Thrust Collar	1400-016-113	1
	Thrust Bearing	1600-016-093	1
	Journal Bearing	1700-040-016	2
2	Piston Ring(T/End 19.3×1.2)	2000-020-142	2
5	Piston Ring(C/End 19.3×1)	2000-020-143	2
3	O Ring (153mm)	2015-016-008	1
	O Ring (64.5mm)	2015-016-024	1
	Shaft Nut (M6 LHT)	2019-016-017	1
	Circlip	2020-016-002	4
	Heat Shield (22.6mm)	2030-016-112	1
	Heat Shield (19.2mm)	2030-016-112B	1
4	Oil Deflector	2040-016-013C	1
	Bolt (T/End M8×12)	2050-016-004	6
	Bolt (C/End M6×14)	2050-016-078	8
	Clamps,C/End	2070-016-003	4
	Clamps,T/End	2070-016-059	3

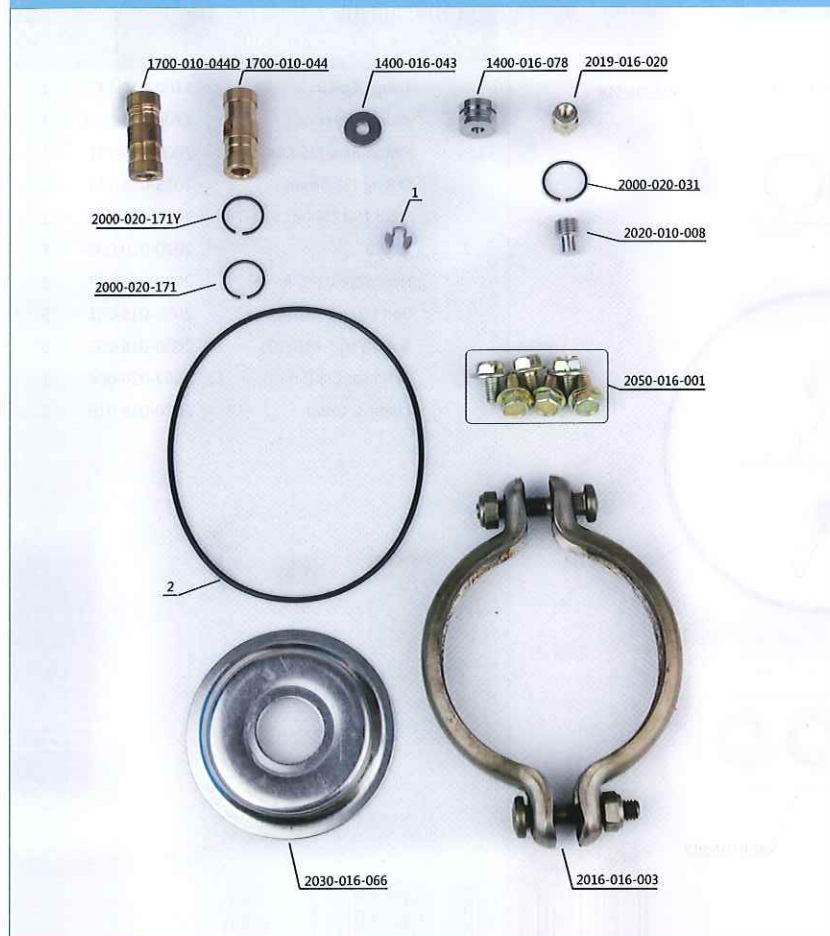
Picture	Jrone Kits No.	Description
	5000-090-001	Repair Kits/Major Key parts are same with 5000-090-002, and includes additional 153mm Oring, Oil Deflector and Bolt.
	5000-090-002	Repair Kits/Minor 64.5mm Oring

CZ TKP7C-6



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-124	1
	Thrust Bearing	1600-016-125	1
	Seal Plate	1800-016-051	1
	Piston Ring(T/End 16.08)	2000-020-274	1
	Piston Ring(C/End 13)	2000-020-231	1
	O Ring (135mm)	2015-016-009	1
	O Ring (78mm)	2015-016-200	1
	Shaft Nut (LHT)	2019-016-005	1
	Circlip	2020-016-012	1
	Heat Shield	2030-016-062	1
	Oil Deflector	2040-016-025	1
	Bolt (T/End M8×16)	2050-016-022	1
	Bolt (C/End M6×14)	2050-016-007	1
	Clamps,C/End	2070-016-075	1
	ClampsT/End	2070-016-076	1

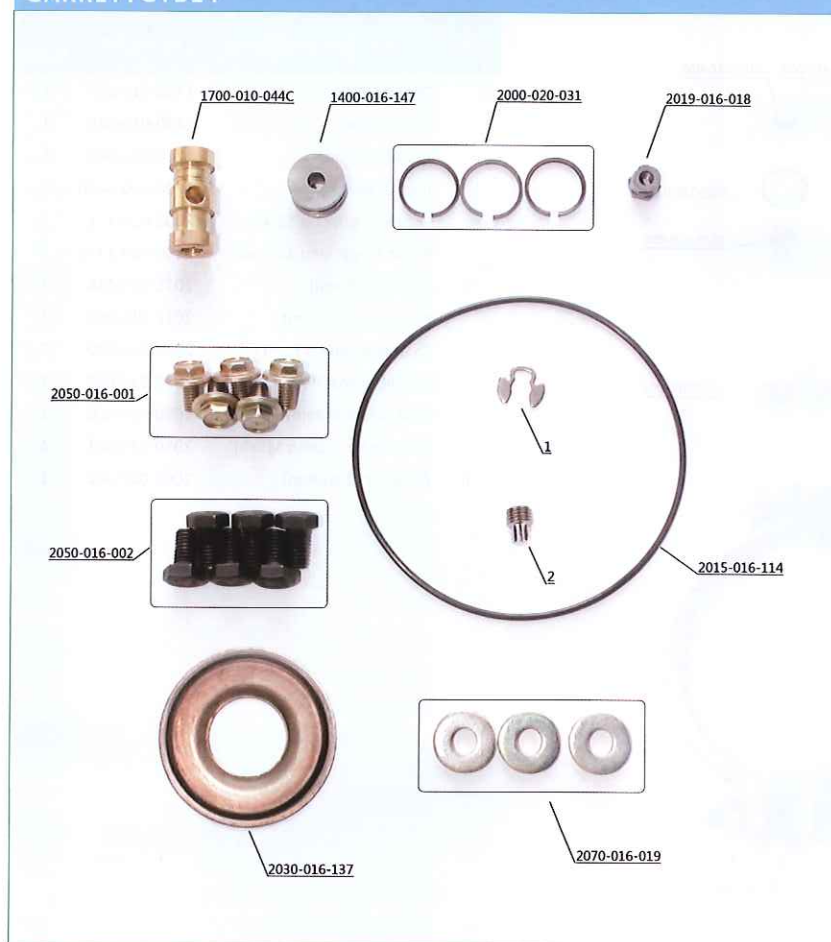
Picture	Jrone Kits No.	Description
	5000-090-003	Repair Kits/Minor 78mm Oring

GARRETT GT12


Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-043	1
	Thrust Collar	1400-016-078	1
	Journal Bearing	1700-010-044	1
	Journal Bearing	1700-010-044D	1
	Piston Ring(t/end 12.4mm)	2000-020-171	1
	Piston Ring(c/end 12.4mm)	2000-020-171Y	1
2	O Ring(82.5mm)	2015-016-114	1
	Nut, V band(80mm)	2016-016-003	1
	Shaft Nut (M4x0.7 LHT)	2019-016-020	1
	Screw(Journal Bearing) M8x1	2020-010-008	1
	Heat Shield(60mm)	2030-016-066	1
	Bolt (FlangedComp M5x8)	2050-016-001	4
1	Actuator Clip(4mm)	2062-020-002	1

Picture	Jrone Kits No.	Description
	5000-010-065	Repair Kits/Minor Single Flinger (1400-016-043)/ Journal Bearing(1700-010-044)
	5000-010-092	Repair Kits/Major Key parts same as 5000-010-065, and includes additional Heat Shield, Bolts and 4mm Actuator Clip.
	5000-010-181	Repair Kits/Minor Single Spacer(1400-016-078)/ Journal Bearing(1700-010-044)
	5000-010-180	Repair Kits/Major Key parts same with 5000-010-181, and includes additional Heat Shield, Bolts, 4mm Actuator Clip and 1pc Oring

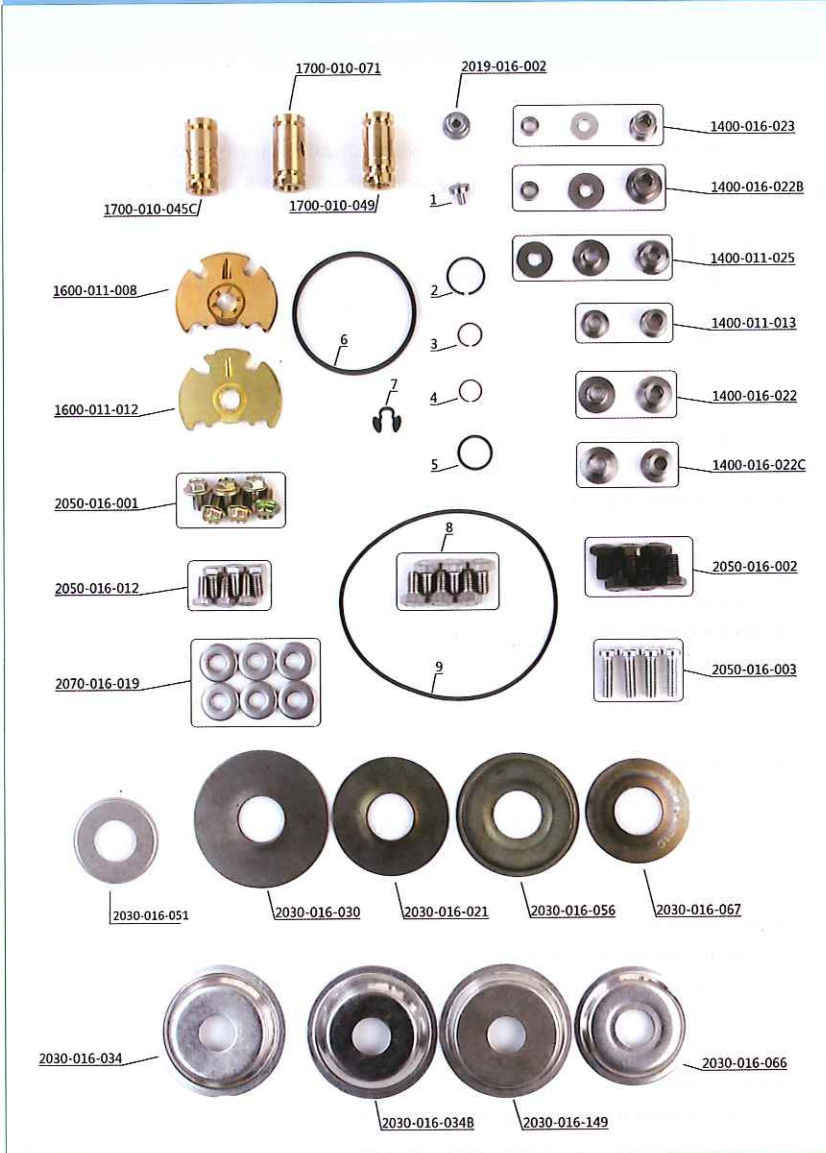
GARRETTGTB14



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-147	1
	Journal Bearing	1700-010-044C	1
	Piston Ring (15.88mm)	2000-020-031	3
	O Ring (82.5mm)	2015-016-114	1
	Shaft Nut (M4×0.5 LHT)	2019-016-018	1
2	Circlip	2020-010-008	1
	Heat Shield (45.8mm)	2030-016-137	1
	Bolt (c/end M5×8)	2050-016-001	5
	Bolt (t/end M6×10)	2050-016-002	6
1	Actuator Clip(5mm)	2062-020-004	1
	Clamps, t/end	2070-016-019	3

Picture	Jrone Kits No.	Description
	5000-010-194	Repair Kits/Minor

GARRETT GT/VNT 15-25



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(Oil Groove 12mm)	1400-011-013	1
	Thrust Collar(Oil Groove 15mm)	1400-011-025	1
	Thrust Collar(Oil Groove 15.7mm)	1400-016-022	1
	Thrust Collar(Oil Groove 15.7mm)	1400-016-022B	1
	Thrust Collar(Oil Groove 14.4mm)	1400-016-022C	1
	Thrust Collar(Oil Groove 12mm)	1400-016-023	1
	Thrust Bearing(Oil Groove 14.15mm)	1600-011-008	1
	Thrust Bearing(Oil Groove 11.7mm)	1600-011-012	1
	Journal Bearing (ID7.88mm/Slender)	1700-010-045C	1
	Journal Bearing(ID6.5mm/Slender)	1700-010-049	1
	Journal Bearing(ID7.88mm/Straight)	1700-010-071	1
2	Piston Ring (t/end 15.88mm)	2000-020-031	1
4	Piston Ring (c/end 9.35mm)	2000-020-032	1
3	Piston Ring (c/end 10mm)	2000-020-033	1
1	Anti-Rotation (Pin 2mm)	2020-010-010	1
7	Actuator Clip (5mm)	2062-020-004	1
6	O Ring (Brg Hsg/Sealplate,48.5mm)	2015-016-002C	1
9	O Ring (90mm)	2015-016-083	1
9	O Ring (82mm)	2015-016-114	1
9	O Ring (75mm)	2015-016-135	1
9	O Ring (41mm)	2015-016-140	1
9	O Ring (67mm)	2015-016-164	1
9	O Ring (95mm)	2015-016-167	1
9	O Ring (114mm)	2015-016-171	1
9	O Ring (92mm)	2015-016-172	1
9	O Ring (108mm)	2015-016-173	1
	Shaft Nut (LHT)	2019-016-002	1
5	Spiral Spring (Journal Brg)	2020-016-001	1
	Heat Shield(49.2mm)/VNT	2030-016-021	1
	Heat Shield	2030-016-026	1
	Heat Shield(57.2mm)/VNT	2030-016-030	1
	Heat Shield	2030-016-034	1
	Heat Shield	2030-016-034B	1
	Heat Shield	2030-016-051	1
	Heat Shield(46.2mm)/VNT	2030-016-056	1
	Heat Shield	2030-016-066	1
	Heat Shield(51mm)/VNT	2030-016-067	1
	Heat Shield	2030-016-149	1
	Oil Deflector	2040-016-029	1
	Bolt (c/end M5×8)	2050-016-001	6
	Bolt (t/end M6×10)	2050-016-002	6
8	Bolt (t/end M6×10)	2050-016-002B	6
	Screw (Seal Plate M5×17)	2050-016-003	4
	Bolt (c/end M5×10)	2050-016-012	6
	Clamps,t/end(6.7mm)/VNT	2070-016-019	6
	Clamps,t/end	2070-016-006	2
	Clamps,t/end	2070-016-009	
	Clamps,t/end	2070-016-009B	
	Clamps,t/end(8.6mm)	2070-016-019B	6
	Clamps,c/end	2070-016-020	
	Clamps,t/end	2070-016-069	6
	Clamps,c/end	2070-016-070	
	Clamps,t/end	2070-016-013	

GARRETT GT/VNT 15-25

Picture	Irone Kits No.	Description
	5000-010-010	Repair Kits/Major 12mm Thrust Collar(1400-011-013)/Small Pad Thrust 11.7mm/ 7.88mm ID Brg Straight/ 10mm P/R, and includes Spiral Spring/ 48.5mm&82mm &90mm&95mm&114mm&108mm O Ring.
	5000-010-010G	Repair Kits/Major 12mm Thrust Collar(1400-011-013)/Small Pad Thrust 11.7mm/7.88mm ID Brg Straight/10mm P/R, and includes Sprial Spring/ 49.2mm Heat Shield/6.7mm VNT Clamp, and includes 48.5mm& 82mm&90mm O Ring.
	5000-010-066	Repair Kits/Minor 15.7mm Thrust Collar(1400-016-022)/Large Pad Thrust 14.15mm / 7.88mm ID Brg Straight /10mm P/R,and Spiral Spring/48.5mm O Ring.
	5000-010-066B	Repair Kit/Major 15.7mm Thrust Collar(1400-016-022)/Large Pad Thrust 14.15mm / 7.88mm ID Brg Straight/ 10mm P/R,and includes Spiral Spring/57.2mm VNT Heat Shield /6.7mm VNT Clamps/ 48.5mm &95mm O Ring.
	5000-010-066E	Repair Kits/Minor 15.7mm Thrust Collar(1400-016-022)/Large pad thrust 14.15mm/ 6.5mm ID Brg Slender/10mm P/R,and Includes Spiral Spring/ 48.5mm O Ring.
	5000-010-066H	Repair Kits/Minor 15.7mm Thrust Collar(1400-016-022)/Large Pad Thrust 14.15mm / 7.88mm Brg Slender/10mm P/R,and includes Sprial Spring/48.5mm O Ring.
	5000-010-067	Repair Kits/Minor 15.7mm Thrust Collar(1400-011-013)/Small Pad Thrust 11.77mm/ 7.88mm Brg Straight/ 10mm P/R,48.5mm O Ring.
	5000-010-067B	Repair Kits/Minor 15.7mm Thrust Collar(1400-011-013)/Small Pad Thrust 11.7mm / 7.88mm Brg Slender/ 10mm P/R,and includes Sprial Spring/ 48.5mm O Ring.
	5000-010-073C	Repair Kits/Major 15.7mm Thrust Collar(1400-016-022)/Large Pad Thrust 14.15mm / 7.88mm Brg Straight/ 10mm P/R,and includes VNT 49.2mm Heat Shield/Spiral Spring/ 48.5mm&82mm& 90mm&95mm&108mm&114mm O Ring.
	5000-010-076D	Repair Kits/Minor 15.7mm Thrust Collar(1400-016-022B)Large Pad Thrust 14.15mm / 7.88 Brg Straight/ 10mm P/R, and includes Spiral Spring/ 48.5mm O Ring.

GARRETT GT/VNT 15-25

Picture	Jrone Kits No.	Description
	5000-010-086	Repair Kits/Minor 14.4mm Thrust Collar(1400-016-022C)/Large Pad Thrust 14.15mm/7.88mm Brg Slender/ 9mm P/R,applicate for flatback CW.
	5000-010-087	Repair Kits/Major 15.7mm Thrust Collar(1400-016-022)/Large Pad Thrust 14.15mm/ 7.88mm Brg Straight/ 10mm P/R,and includes Spiral Spring/48.5mm&90mm O Ring.
	5000-010-090	Repair Kits/Major 15.7mm Thrust Collar(1400-016-022)/Large Pad Thrust 14.15mm/ 7.88mm Brg Straight/ 9.35mm P/R,and includes Spiral Spring/41mm&48.5mm&82mm&90mm&95mm& 108mm&114mm O Ring/Clamps(2070-016-006)/applicate for flatback CW.
	5000-010-093C	Repair Kits/Minor 12mm Thrust Collar(1400-011-013)/Small Pad Thrust 11.7mm / 6.5mm Brg Slender/10mm P/R,and includes spiral spring/ 48.5mm O Ring.
	5000-010-098B	Repair Kits/Major 15mm Thrust Collar(1400-011-025)/Large Pad Thrust 14.15mm/ 7.88mm Brg Straight/10mm P/R,and includes Spiral Spring/ 41mm&48.5mm&82mm&90mm&95mm& 108mm&114mm O Ring/ Clamps(2070-016-006).
	5000-010-168	Repair Kits/Major 15.7mm Thrust Collar(1400-016-022)/Large Pad Thrust 14.15mm / 7.88mm Brg Straight /10mm P/R,and includes Spiral Spring/ 41mm&48.5mm&82mm&90mm&95mm& 108mm&114mm O Ring/ Clamps(2070-016-006)
	5000-010-171B	Repair Kits/Universal All 3 sets Thrust Collar & Spacer/ 7.88mm Straight Brg/all 3 types P/R,and includes Spiral Spring/ 48.5mm&82mm&90mm&95mm&108mm&114mm O Ring.
	5000-010-178B	Repair Kits/Major 12mm Thrust Collar(1400-011-013)/Small Pad Thrust 11.7mm/6.5mm ID Brg Slender/10mm P/R,and includes Spiral Spring/48.5mm&114mm O ring/6.7mm VNT clamps.
	5000-010-179	Repair Kits/Major 15.7mm Thrust Collar/Large Pad Thrust 14.15mm/ 7.88mm Brg Slender/ 10mm P/R,and includes Spiral Spring/ 48.5mm&82mm&90mm&95mm&108mm&114mm O Ring/6.7mm VNT Clamps.

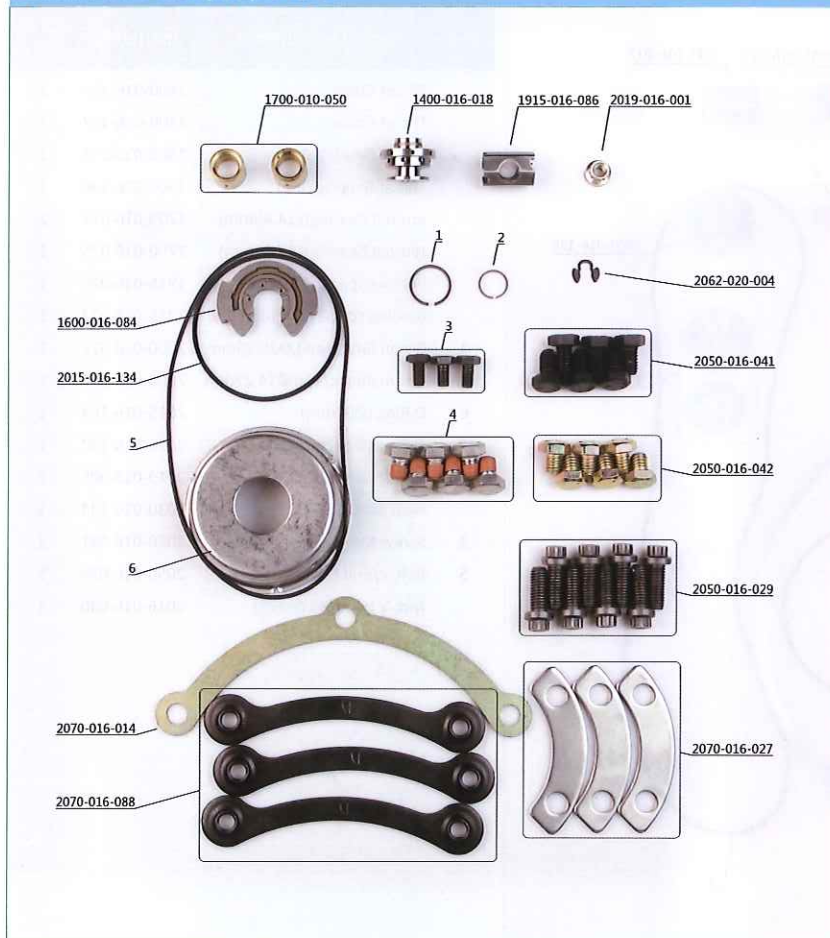
GARRETT GT2860R



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Ball Bearing	1700-010-082	1
	Seal Plate	1800-016-079	1
	Piston Ring T/End(15.88mm)	2000-020-031	1
	Piston Ring/C End13.61mm)	2000-020-280	1
	O ring(82.5mm)	2015-016-114	1
	O ring(65.5mm)	2015-016-217	1
	Lock Nut M6*1 LH	2019-016-001	1
	Anti Rotation	2020-010-017	1
	Bolt/Brg Housing/M3*16	2050-016-126	3

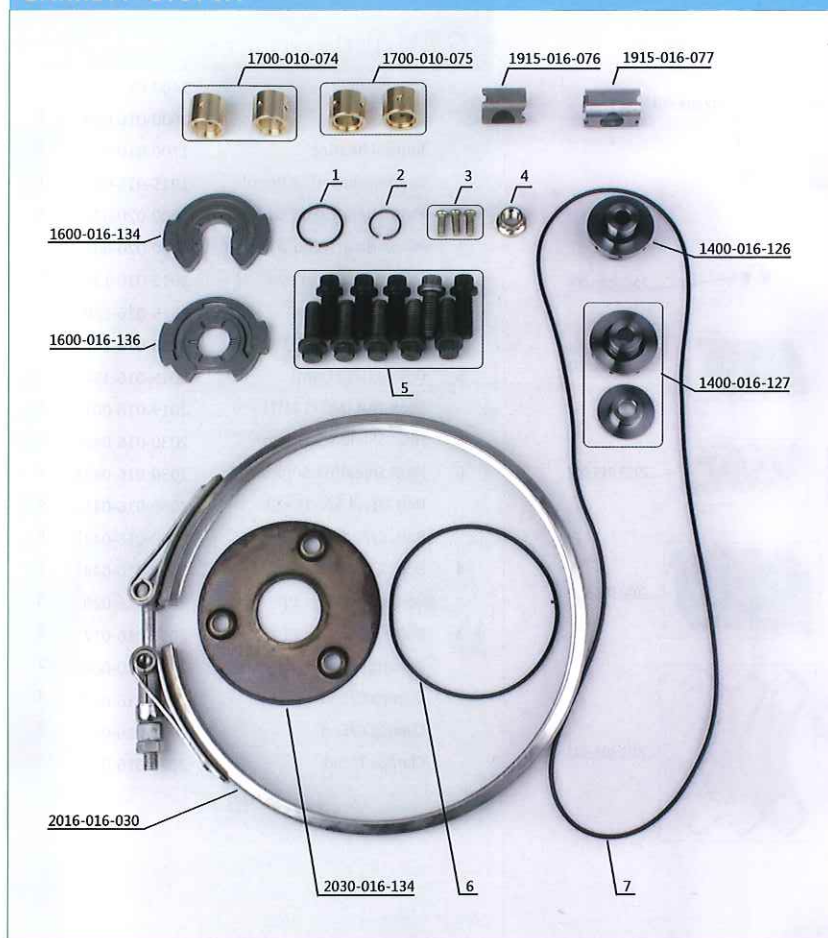
Picture	Jrone Kits No.	Description
	5000-010-195	Repair Kits/Minor Ball Bearing for 739548-0001(GT2860R)

GARRETT GT30/32/GT35



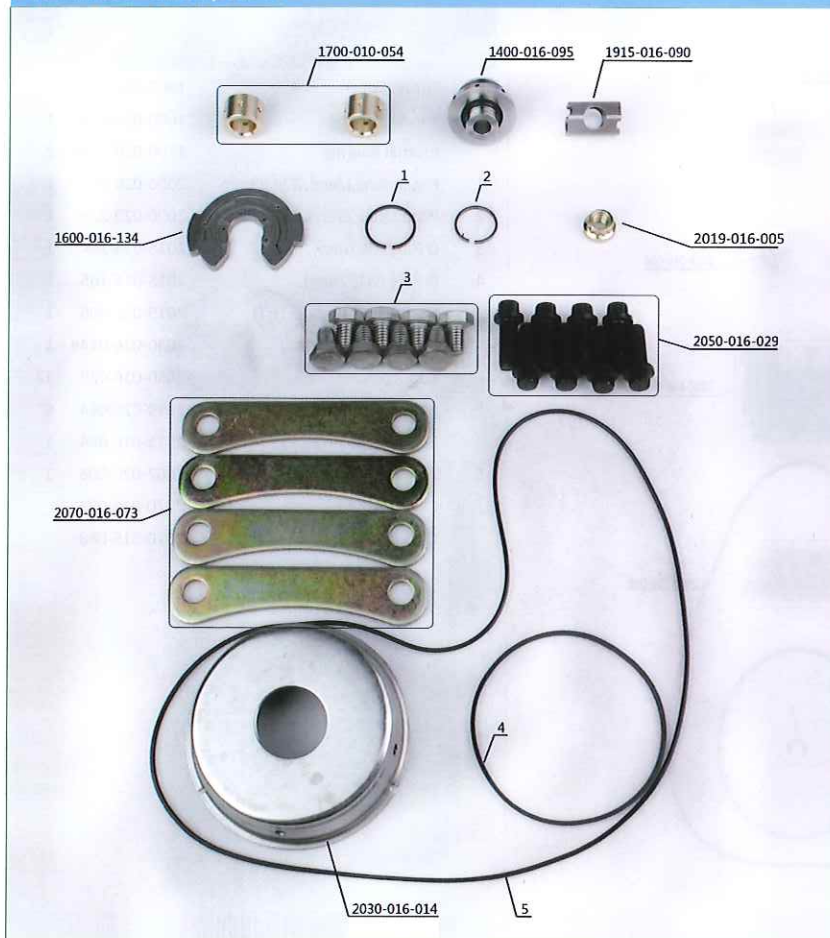
Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-018	1
	Thrust Bearing	1600-016-084	1
	Journal Bearing	1700-010-050	2
	Bearing spacer(22.9mm)	1915-016-086	1
2	Piston Ring(C/End Ø12.7mm)	2000-020-002	1
1	Piston Ring(T/End Ø18.03mm)	2000-020-009	1
	O Ring (Ø64mm)	2015-016-134	1
5	O Ring (Ø139mm)	2015-016-120	1
5	O Ring (Ø138mm)	2015-016-147	1
5	O Ring (Ø127mm)	2015-016-157	1
	Shaft Nut (M6×1 LHT)	2019-016-001	1
6	Heat Shield(65.70mm)	2030-016-048	1
6	Heat Shield(63.50mm)	2030-016-048B	1
	Bolt,T/End 5/6-18×13	2050-016-041	6
	Bolt, C/End 5/6-18×10	2050-016-042	6
4	Bolt, T/End M8×10	2050-016-044	6
	Bolt, C/End M8×19	2050-016-029	8
3	Bolt, C/End M6×12	2050-016-017	3
	Actuator Clip(5mm)	2062-020-004	1
	Clamps,C/End	2070-016-014	1
	Clamps,C/End	2070-016-088	3
	Clamps,T/End	2070-016-027	3

Picture	Jrone Kits No.	Description
	5000-010-173	Repair Kits/Minor Sintered Iron Thrust Bearing with 270

GARRETT GT37VA[illegible]

Picture	Jirone Kits No.	Description
	5000-010-083C	Repair Kits/Minor 13.21mm Journal Bearing/360Thrust Bearing/67mm O Ring.
	5000-010-096	Repair Kits/Minor 14.45mm Journal Bearing / 270 Thrust Bearing/23.2mm Bearing Spacer/67mm&202mm O Ring.

GARRETT GT37/GT40



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-095	1
	Thrust Bearing	1600-016-134	1
	Journal Bearing(L11.43mm)	1700-010-054	2
	Bearing spacer(27mm)	1915-016-090	1
1	Piston Ring,T/End,Ø20.88mm	2000-020-022	1
2	Piston Ring,C/End Ø14.27mm	2000-020-040	1
4	O Ring (Ø67mm)	2015-016-164	1
5	O Ring (Ø152mm)	2015-016-165	1
	Shaft Nut (M7×1 LHT)	2019-016-005	1
	Heat Shield(Ø83mm)	2030-016-014	1
	Bolt, C/End M8×19	2050-016-029	8
3	Bolt, C/End M8×12	2050-016-004	8
	Clamp, C/End	2070-016-073	4

Picture	Jrone Kits No.	Description
	5000-010-081B	Repair Kits/Minor 67mm & 152mm O Ring

GARRETT GTA3776/GTA40



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-136	1
	Thrust Bearing	1600-016-134	1
	Journal Bearing	1700-010-054B	2
1	Piston Ring,t/end,Ø20.88mm	2000-020-022	1
2	Piston Ring,c/end Ø17.8mm	2000-020-229	1
3	O Ring (Ø67mm)	2015-016-164	1
4	O Ring (Ø152mm)	2015-016-165	1
	Shaft Nut (M8×1.25 LHT)	2019-016-008	1
	Heat Shield(Ø83mm)	2030-016-014B	1
	Bolt, c/end M8×19	2050-016-029	12
	Bolt, t/end M8×10	2050-016-044	6
	Bearing spacer(25.5)	1915-016-094	1
5	Actuator Clip(5.2mm)	2062-020-006	1
	Clamp, c/end	2070-016-073	
	Clamp, c/end	2070-016-088	

Picture

Jrone Kits No.

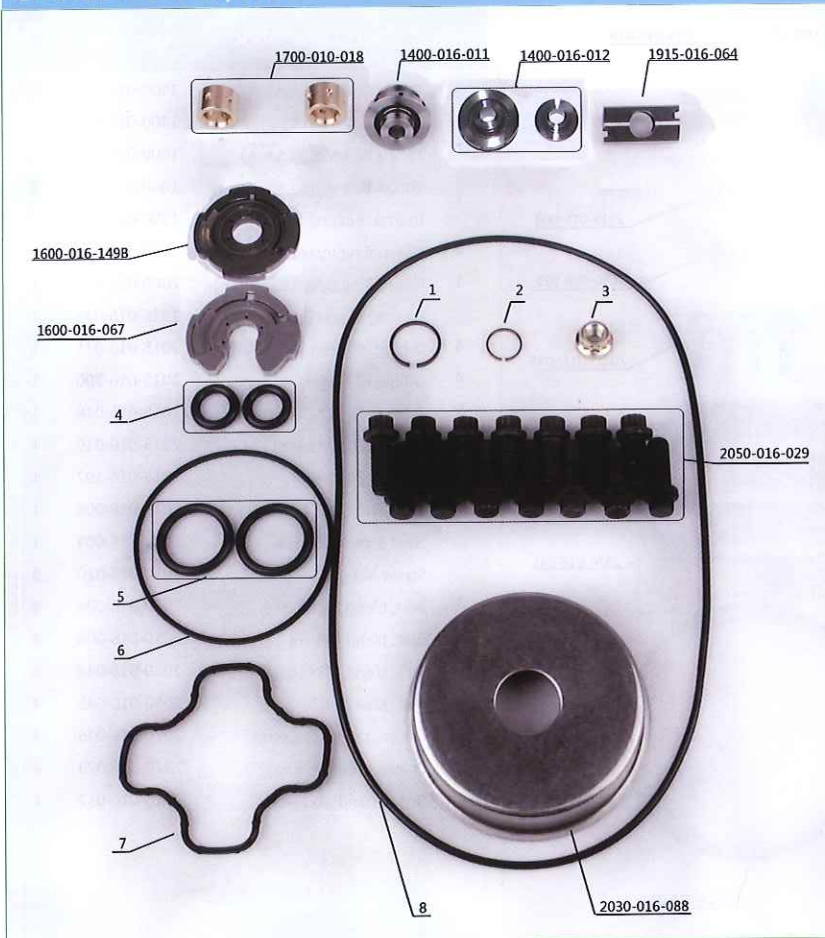
Description



5000-010-188

 Repair Kits/Minor
 67mm & 152mm O Ring

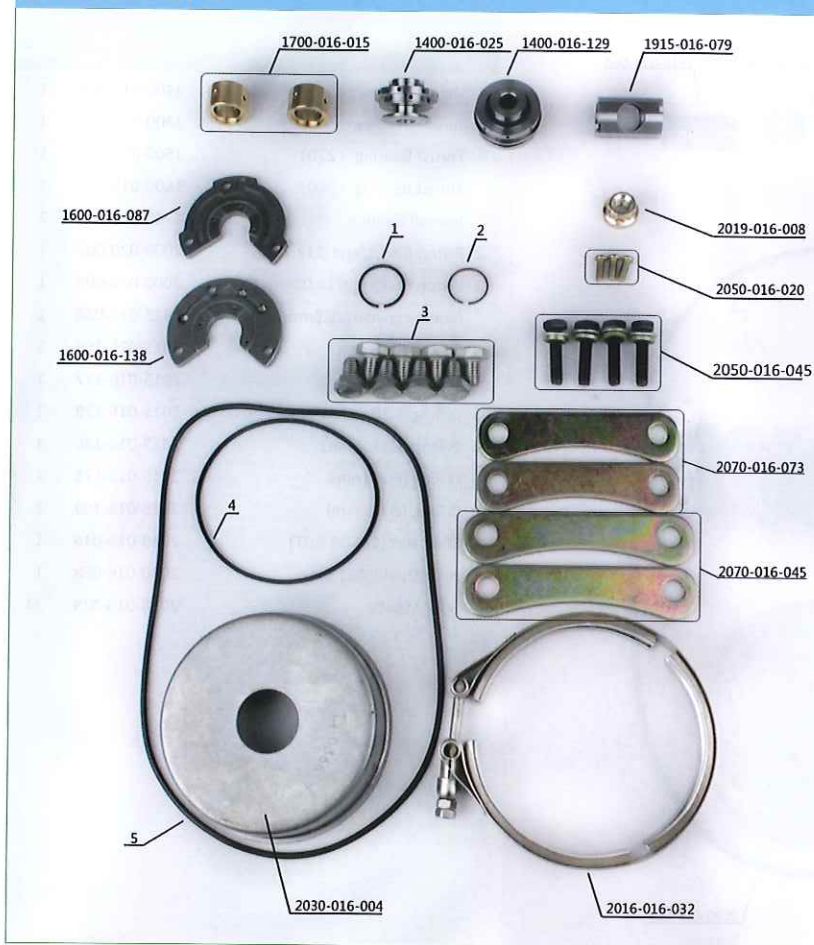
GARRETT GTP38/TP38



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(match with 1600-016-067)	1400-016-011	1
	Thrust Collar(match with 1600-016-1498)	1400-016-012	1
	Thrust Bearing (270)	1600-016-067	1
	Thrust Bearing (360)	1600-016-1498	1
	Journal Bearing	1700-010-018	2
2	Piston Ring,c/end Ø12.7mm	2000-020-002	1
1	Piston Ring,t/e,Ø18.03mm	2000-020-009	1
	Bearing spacer(28.6mm)	1915-016-064	1
6	O Ring (Ø67mm)	2015-016-164	1
7	O Ring (Ø67mm)	2015-016-177	1
5	O Ring (Ø20.6mm)	2015-016-179	2
4	O Ring (Ø11.2mm)	2015-016-180	2
8	O Ring (Ø191mm)	2015-016-178	1
8	O Ring (Ø167mm)	2015-016-199	1
3	Shaft Nut (1/4-28 RHT)	2019-016-016	1
	Heat Shield(Ø81.5mm)	2030-016-088	1
	Bolt M8x19	2050-016-029	24

Picture	Jrone Kits No.	Description
	5000-010-080C	Repair Kits/Minor Thrust Collar(1400-016-012)/360 Sintered Thrust Bearing(1600-016-1498)/Oring includes 67mm (2015-016-164)/67mm (2015-016-177)/20.6mm(2015-016-179)/ 11.2mm(2015-016-180) and 191mm(2015-016-178).

GARRETT GT42



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(32mm)	1400-016-129	1
	Thrust Collar(30.5)	1400-016-025	1
	Thrust Bearing(54.8mm)	1600-016-087	1
	Thrust Bearing(53.8mm)	1600-016-138	1
	Journal Bearing	1700-016-015	2
2	Piston Ring,(c/end Ø17.45mm)	2000-020-020	1
1	Piston Ring,(t/e,Ø20.88mm)	2000-020-022	1
	Bearing spacer(30.3mm)	1915-016-079	1
4	O Ring (Ø73mm)	2015-016-021	1
4	O Ring (Ø78mm)	2015-016-200	1
5	O Ring (Ø152*2.6mm)	2015-016-018	1
5	O Ring (Ø152*3mm)	2015-016-019	1
5	O Ring (Ø172mm)	2015-016-192	1
	Shaft Nut (M8x1.25 LHT)	2019-016-008	1
	Heat Shield(Ø95mm)	2030-016-004	1
	Screw M4x10	2050-016-020	3
3	Bolt, t/end M8x12	2050-016-004	8
3	Bolt, t/end M8x14	2050-016-005	8
3	Bolt, t/end M8x10	2050-016-044	8
	Bolt M6x22.87	2050-016-045	4
	Clamp, c/end(78.6mm)	2070-016-045	4
	Clamp, c/end(70mm)	2070-016-073	4
	Nut, V band(Ø123mm)	2016-016-032	1

Picture

Jrone Kits No.

Description



5000-010-094

Repair Kits/Minor

32mm Thrust Collar(1400-016-129) /53.8 Thrust Bearing (1600-016-138)/
73mm O Ring(2015-016-021).



5000-010-095

Repair Kits/Major

Key Parts are same with 5000-010-095,and includes
additional 172mm O Ring(2015-016-192).

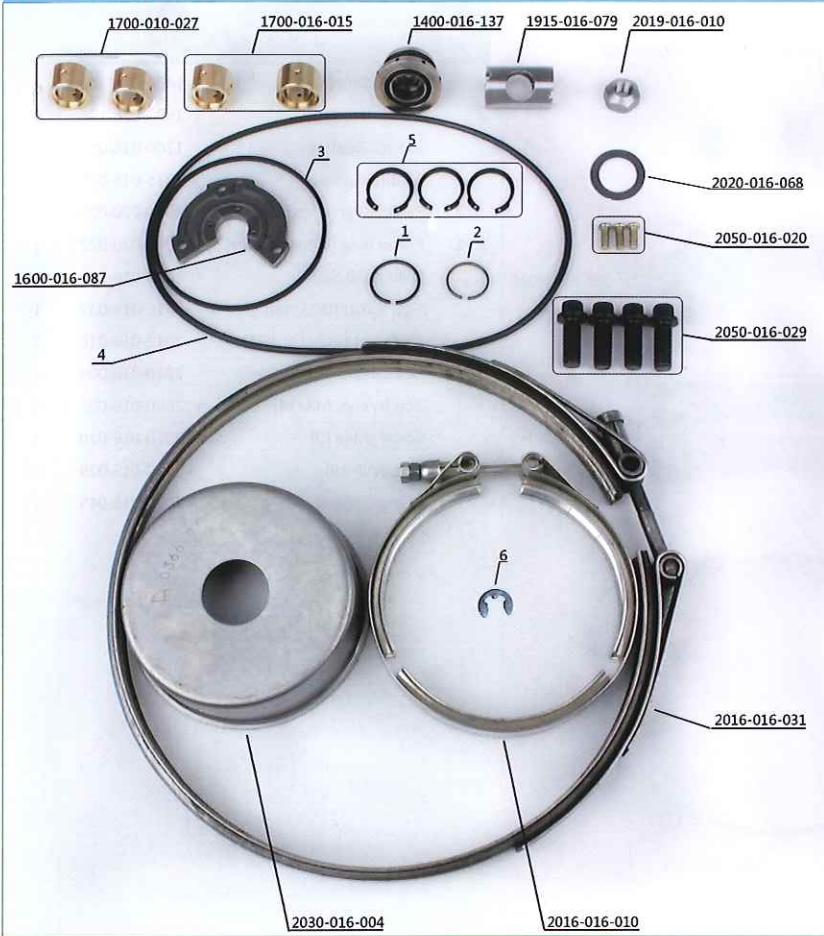


5000-010-190

Repair Kits/Minor

30.5mm Thrust Collar (1400-016-025) /54.8mm Thrust
Bearing (1600-016-087)/73mm O Ring(2015-016-021).

GARRETT GTA42



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-137	1
	Thrust Bearing	1600-016-087	1
	Journal Bearing(Oil Holes 4)	1700-016-015	2
	Journal Bearing(Oil Holes 6)	1700-010-027	2
1	Piston Ring,t/e,Ø20.88mm	2000-020-022	1
2	Piston Ring,c/end Ø17.8mm	2000-020-229	1
	Bearing spacer(30.3mm)	1915-016-079	1
4	O Ring (Ø172mm)	2015-016-192	1
3	O Ring (Ø78mm)	2015-016-200	1
	Shaft Nut (M8×1 LHT)	2019-016-010	1
5	Circlip	2020-016-007	1
	Circlip	2020-016-068	1
	Heat Shield(Ø95mm)	2030-016-004	1
	Screw M4×10	2050-016-020	3
	Bolt, c/end M8×19	2050-016-029	4
	Nut, V band(Ø123mm)	2016-016-010	1
	Nut, V band(Ø206mm)	2016-016-031	1
6	Actuator Clip(5.2mm)	2062-020-006	1

Picture	Jrone Kits No.	Description
	5000-010-189	Repair Kits/Minor Journal Bearing(4 Oil Holes)/78mm O Ring.

GARRETT GTA45

1700-016-015

1400-016-129B

1915-016-079

2019-016-010

1600-016-138

2015-016-209

2050-016-020

2050-016-005

2050-016-029

2070-016-045

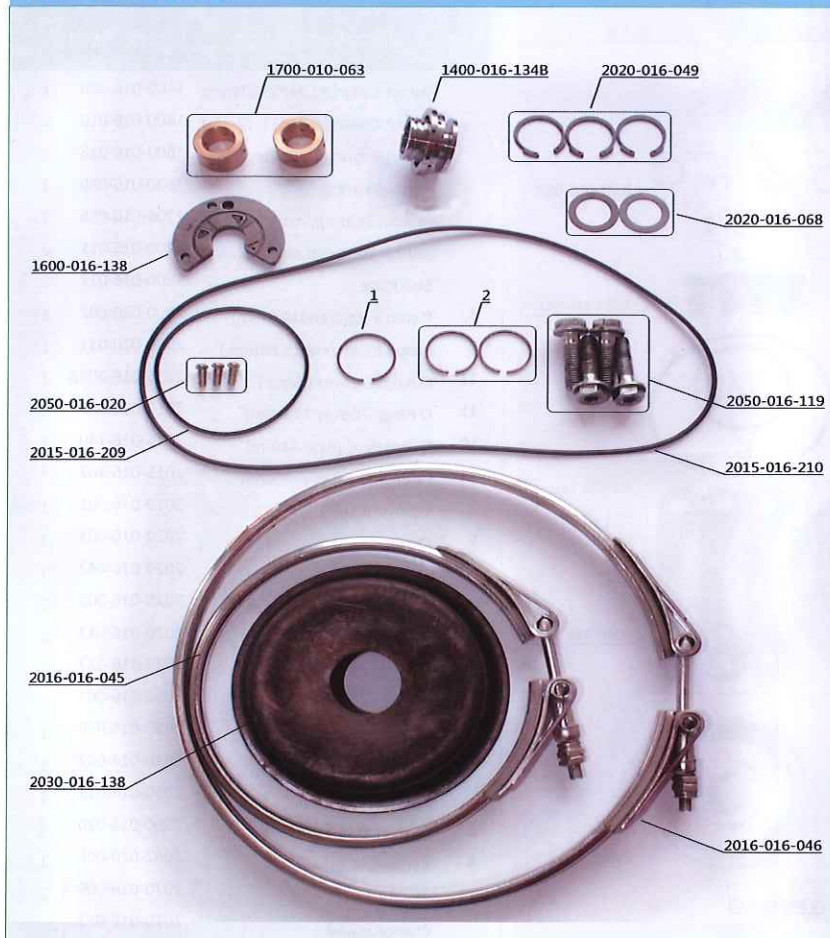
2030-016-004

2016-016-032

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Picture	Jrone Kits No.	Description
	5000-010-193	Repair Kits/Minor

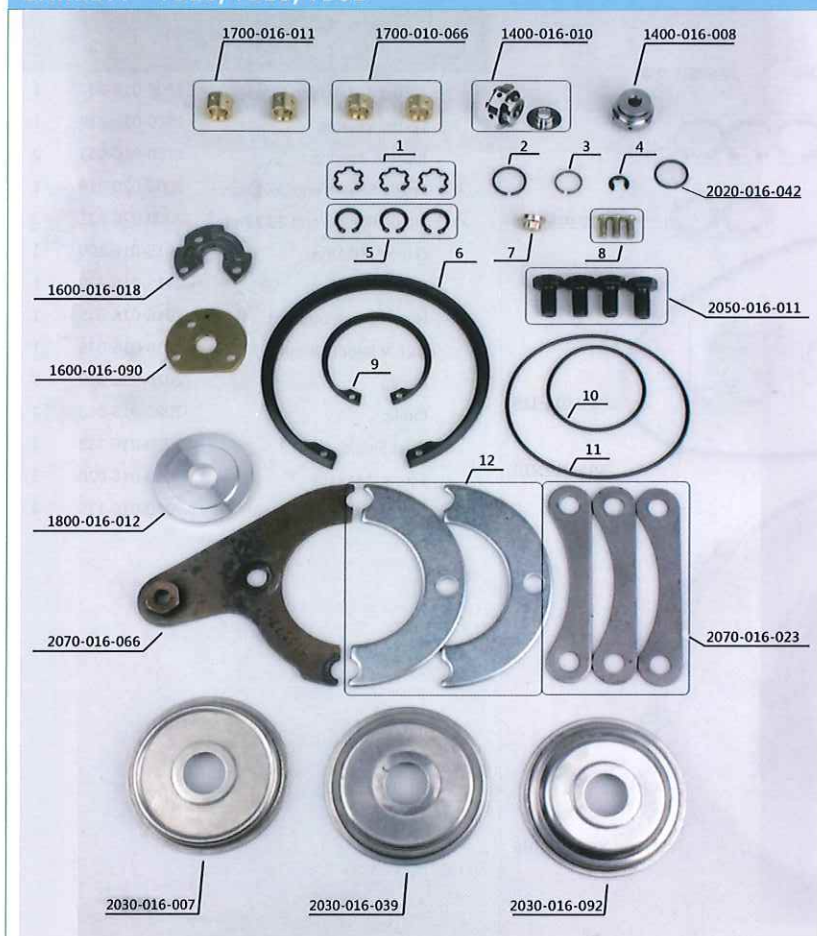
GARRETT GTA47



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(Twin Ring)	1400-016-134B	1
	Thrust Bearing	1600-016-138	1
	Journal Bearing	1700-010-063	2
1	Piston Ring (t/end 26.17mm)	2000-020-019	1
2	Piston Ring (c/end 23.27mm)	2000-020-222	2
	O Ring (80.5mm)	2015-016-209	1
	O Ring (207mm)	2015-016-210	1
	Nut, V band(146mm)	2016-016-045	1
	Nut, V band(240mm)	2016-016-046	1
	Circlip	2020-016-049	3
	Circlip	2020-016-068	2
	Heat Shield	2030-016-138	1
	Screw (M4x10)	2050-016-020	3
	Bolt (Seal Plate M8x30)	2050-016-119	4

Picture	Jrone Kits No.	Description
	5000-010-191	Repair Kits/Minor Thrust Collar with twin ring/ 80.5mm & 207mm O Ring.

GARRETT TB25/TB28/TB02



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(20.38*15.95mm)	1400-016-008	1
	Thrust Collar(20.38*11.77mm)	1400-016-010	1
	Thrust Bearing(270° Steel)	1600-016-018	1
	Thrust Bearing	1600-016-090	1
	Journal Bearing(Short 7.67mm)	1700-010-066	2
	Journal Bearing(Long 9.37mm)	1700-016-011	2
	Seal Plate	1800-016-012	1
3	Piston Ring(c/end12.7mm)	2000-020-002	1
2	Piston Ring(t/end15.88mm)	2000-020-031	1
11	O Ring(C/Cover 86mm)	2015-016-002B	1
11	O Ring(C/Cover 74.6mm)	2015-016-135	1
10	O Ring(Seal plate 41mm)	2015-016-140	1
11	O Ring(T2 C/Cover 95mm)	2015-016-167	1
7	Shaft Nut(LHT)	2019-016-001	1
5	Circlip	2020-016-001	3
	Circlip	2020-016-042	1
1	Circlip(J-Brg-Castellated)	2020-016-005	3
9	Circlip(Seal Plate)	2020-016-013	1
6	Circlip(C/Cover)	2020-016-027	1
	Heat Shield(67.6mm)	2030-016-007	1
	Heat Shield(67.6mm)	2030-016-039	1
	Heat Shield(67.6mm)	2030-016-092	1
	Bolt(M8×14)	2050-016-011	4
8	Screw(M4×10)	2050-016-020	3
4	Actuator Clip	2062-020-006	1
12	Clamps,t/end	2070-016-009	2
	Clamps,c/end	2070-016-023	
	Clamps,t/end	2070-016-066	
	Clamps,t/end	2070-016-067	
	Clamps,t/end	2070-016-110	

Picture	Jrone Kits No.	Description
	5000-010-005	Repair Kits/Minor Long Journal Bearing/270 Thrust Bearing/41mm O Ring
	5000-010-014	Repair Kits/Minor Long Journal Bearing/360 Thrust Bearing/41mm O Ring.
	5000-010-027	Repair Kits/Major Both Long and Short Journal Bearing/360 Thrust Bearing/ 41mm& 74.6mm&86mm O Ring

GARRETT TB25/TB28/TB02

Picture	Jrone Kits No.	Description
	5000-010-106	Repair Kits/Major Both Long and 2pcs Short Journal Bearing/270 Thrust Bearing, and includes Seal Plate/ 41mm&74.6mm&86mm O Ring.
	5000-010-185	Repair Kits/Minor Short Journal Bearing/270 Thrust Bearing/41mm O Ring.

GARRETT TAO3/TA31/TB41/TBP4/TO4B/TO4E



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-011	1
	Thrust Collar	1400-016-012	1
	Thrust Bearing(270/Copper Bar)	1600-016-011	1
	Thrust Bearing(360/Sintered Iron)	1600-016-068	1
	Thrust Bearing(270/Sintered Iron)	1600-016-074	1
	Journal Bearing	1700-010-018	2
3	Piston Ring(c/end Ø12.7mm)	2000-020-002	1
2	Piston Ring(t/end, Ø18.03mm)	2000-020-009	1
1	Piston Ring(t/end, st/bore)	2020-010-005	1
7	O Ring (Brg Hsg/Sealplate, 54mm)	2015-016-103	1
9	O Ring (Ø138mm)	2015-016-147	1
9	O Ring (Ø127mm)	2015-016-157	1
9	O Ring (Ø114mm)	2015-016-171	1
	Shaft Nut (1/4-28 LHT)	2019-016-003	1
	Shaft Nut (1/4-28 RHT)	2019-016-016	1
6	Retaining Ring, jnl/brg.	2020-016-002	4
	Heat Shield	2030-016-015	1
	Heat Shield	2030-016-025	1
	Bolt, c/end M8x12	2050-016-004	4
5	Screw (Seal Plate) M4x10	2050-016-020	6
	Bolt, t/end M8x16	2050-016-022	6
	Bolt, brg/hsg. 1/4-20x16	2050-016-033	4
	Bolt, t/end 5/16-18x13	2050-016-041	6
	Bolt, c/end 5/16-18x10	2050-016-042	6
4	Clamp, t/end	2070-016-013	1
	Clamp, c/end	2070-016-014	1
	Clamp, c/end	2070-016-023	3
8	Clamp, t/end	2070-016-027	3
	Clamp, c/end	2070-016-057	

Picture	Jrone Kits No.	Description
	5000-010-020	Repair Kits/Minor Sintered Iron Thrust Bearing with 270/ 54mm&127mm O-ring/ Both LHT and RHT Shaft Nut/ Bolts(2050-016-033)
	5000-010-031	Repair Kits/Minor Copper Bar Thrust Bearing with 270/ 54mm O Ring/ LHT Shaft Nut.
	5000-010-037	Repair Kits/Minor Sintered Iron Thrust Bearing with 360/ 54mm O Ring/ Both LHT and RHT Shaft Nut.
	5000-010-041	Repair Kits/Minor Copper Bar Thrust Bearing with 270/ 54mm&114mm&127mm&138mm O Ring/ LHT Shaft Nut.

GARRETT T18



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(17mm)	1400-016-080	1
	Thrust Collar(22mm)	1400-016-119	1
	Thrust Bearing	1600-016-033	1
	Journal Bearing	1700-010-031	2
	Piston Ring (t/end 25.9mm)	2000-020-018	1
	Piston Ring (c/end 17.45mm)	2000-020-020	2
	O Ring (Φ62mm)	2015-016-013	1
	Shaft Nut (7/16-20 RHT)	2019-016-028	1
	Shaft Nut (3/8-24 RHT)	2019-016-051	1
	Shaft Nut (1/4-28 RHT)	2019-016-043	1
	Circlip	2020-016-068	2
	Circlip	2020-016-028	3
	Screw (Seal plate 5/16-18×25)	2050-016-116	4
	Bolt (t/end 5/16-18×13)	2050-016-041	8
	Clamps, t/end	2070-016-033	4
	Clamps, c/end	2070-016-034	4
	Clamps, c/end	2070-016-036	4
	Clamps, c/end	2070-016-035	4

Picture	Jrone Kits No.	Description
	5000-010-006	Repair Kits/Major 22mm Thrust Collar
	5000-010-006B	Repair Kits/Major 17mm Thrust Collar

Exploded view diagram of a mechanical assembly. The components are labeled with numbers 1 through 10:

- 1: Small circular ring.
- 2: Two small circular rings.
- 3: Three small circular rings.
- 4: Large black O-ring.
- 5: Five black bolts.
- 6: Large circular metal plate with a central hole.
- 7: Large circular metal plate with a central hole.
- 8: Eight small white pins.
- 9: Large circular metal plate with a central hole.
- 10: Two long, curved metal links.

[illegible]

Picture	Jrone Kits No.	Description
	5000-010-045	Repair Kits/Minor Thrust Collar with twin piston ring/ 73mm O Ring.
	5000-010-045B	Repair Kits/Major Same as 5000-010-045 except additional Bolts.

GARRETT BTV55/BTV75



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(Twin Ring)	1400-016-134	1
	Thrust Collar(Carbon Seal)	1400-016-150	1
	Thrust Bearing	1600-016-138	1
	Journal Bearing	1700-010-063	2
	Piston Ring (t/end 25.9mm)	2000-020-018	1
	Piston Ring (t/end 26.17mm)	2000-020-019	1
	Carbon Seal	2000-020-272	1
	Circlip	2020-016-049	3
	Circlip	2020-016-068	2
	O Ring (54mm)	2015-016-103	1
	O Ring (73mm)	2015-016-021	1
1	Nut, V band (Ø205mm)	2016-016-025	1
1	Nut, V band (Ø146mm)	2016-016-045	1
	Shaft Nut (M6 LHT)	2019-016-017	1
2	Heat Shield (Ø88.5mm)	2030-016-144	1
2	Heat Shield (Ø96mm)	2030-016-144B	1
	Screw (Seal plate M4×10)	2050-016-020	3
	Bolt (c/end M6×20)	2050-016-045	4

Picture	Jrone Kits No.	Description
	5000-010-007	Repair Kits/Minor Thrust Collar(Carbon Seal)/26.17mm Piston Ring/ 73mm O Ring.

GARRETT TV61/TV78/TV81



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-080	1
	Thrust Bearing(34.8mm)	1600-016-033	1
	Thrust Bearing(37.95mm)	1600-016-033B	1
	Journal Bearing	1700-010-031	2
1	Piston Ring (t/end 20.88mm)	2000-020-022	1
2	Piston Ring (c/end 17.45mm)	2000-020-020	2
	O Ring (Ø54mm)	2015-016-103	1
4	Nut, V band(Ø205mm)	2016-016-025	1
4	Nut, V band(Ø146mm)	2016-016-045	1
4	Nut, V band(Ø201mm)	2016-016-047	1
	Shaft Nut (5/16-24 RHT)	2019-016-050	1
	Shaft Nut (3/8-24 RHT)	2019-016-051	1
	Circlip	2020-016-068	2
3	Circlip	2020-016-049	3
	Heat Shield (Ø117.8mm)	2030-016-145	1
	Heat Shield (Ø118.8mm)	2030-016-098	1
	Screw (Seal plate 1/4-20×25)	2050-016-117	4
	Clamps, c/end	2070-016-135	4

Picture	Jrone Kits No.	Description
	5000-010-008	Repair Kits/Minor Thrust Collar with twin piston ring/34.8mm Thrust Bearing(sintered iron with 360).

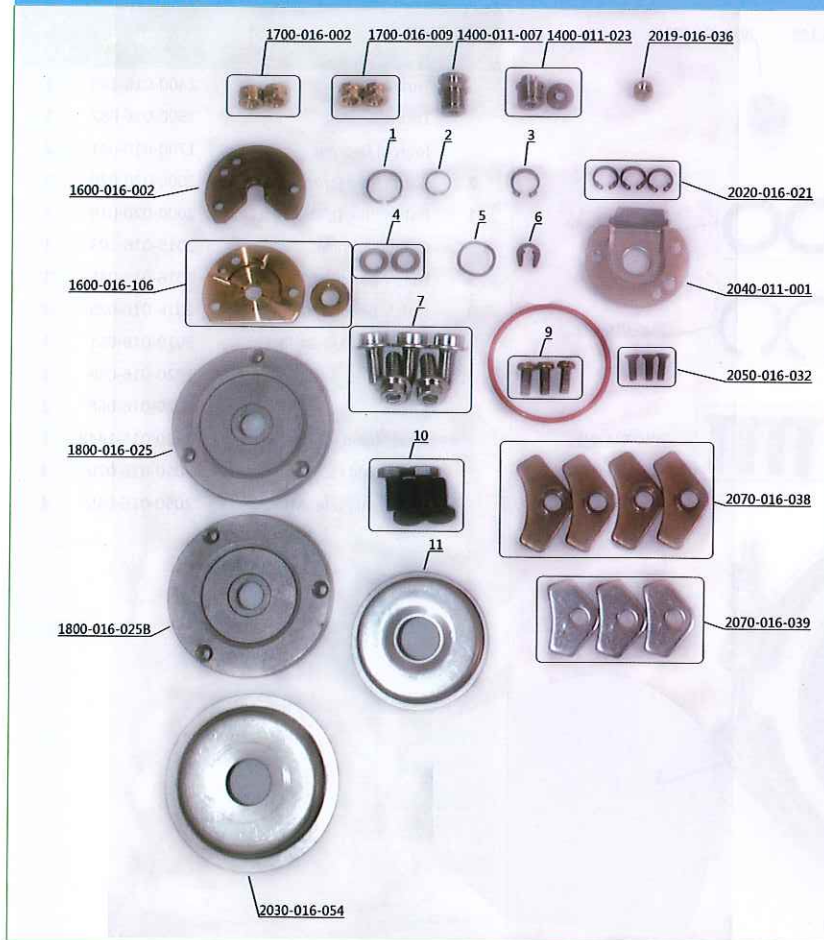
GARRETT TV75



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-149	1
	Thrust Bearing	1600-016-087	1
	Journal Bearing	1700-010-031	2
2	Piston Ring (c/end 17.45mm)	2000-020-020	1
1	Piston Ring (t/end 26.17mm)	2000-020-019	1
	O Ring (54mm)	2015-016-103	1
3	Nut, V band(Φ146mm)	2016-016-045	1
3	Nut, V band(Φ205mm)	2016-016-025	1
	Shaft Nut (3/8-24 RHT)	2019-016-051	1
	Circlip	2020-016-049	3
	Circlip	2020-016-068	2
	Heat Shield (Φ118.8mm)	2030-016-144B	1
	Screw (M4×10)	2050-016-020	3
	Bolt (Seal Plate M6×20)	2050-016-045	4

Picture	Jrone Kits No.	Description
	5000-010-192	Repair Kits/Minor Sintered Iron Thrust Bearing with 270

HITACHI HT06



Key	Parts Description	Irone No.	Q'ty/ Turbo
	Thrust Collar	1400-011-007	1
	Thrust Collar	1400-011-023	1
	Thrust Bearing	1600-016-002	1
	Thrust Bearing	1600-016-106	1
	Journal Bearing	1700-016-002	2
	Journal Bearing	1700-016-009	2
	Seal Plate (CW39.2mm)	1800-016-025B	1
2	Piston Ring (c/end 10mm)	2000-020-164	1
1	Piston Ring (t/end 14mm)	2000-020-277	1
8	O Ring (55mm)	2015-016-196	1
	Shaft Nut (M4x0.5 LHT)	2019-016-036	1
5	Circlip	2020-010-004	1
4	Circlip	2020-016-067	2
3	Circlip	2020-016-019	1
	Circlip	2020-016-021	3
11	Heat Shield (49.67mm)	2030-016-001	1
	Heat Shield (63.6mm)	2030-016-054	1
	Oil Deflector	2040-011-001	1
10	Bolt (t/end M6x12)	2050-016-017	4
9	Screw (M4x10)	2050-016-020	3
	Screw (M3x10)	2050-016-032	3
7	Bolt (c/end M6x12)	2050-016-113	5
6	Actuator Clip(4mm)	2062-020-060	1
	Clamps, t/end	2070-016-038	4
	Clamps, c/end	2070-016-039	3

Picture

Irone Kits No.

Description



5000-060-001

 Repair Kits/Minor
 Journal Bearing(1700-016-002)


5000-060-020

 Repair Kits/Major
 Journal Bearing(1700-016-002)/ and includes Seal Plate, Oil Deflector and 63.6mm Heat Shield.

HITACHI HT07



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-133	1
	Thrust Bearing	1600-016-113	1
	Journal Bearing	1700-016-029	2
2	Piston Ring (t/end 15.63mm)	2000-020-203	1
1	O Ring (56mm)	2015-016-196	1
	Nut, V band (73mm)	2016-016-027	1
	Shaft Nut (RHT)	2019-016-046	1
	Circlip	2020-016-019	3
	Circlip (c/end 96mm)	2020-016-036	1
	Heat Shield	2030-016-110	1
	Screw (Thrust Bearing M4x10)	2050-016-020	3

Picture

Jrone Kits No.

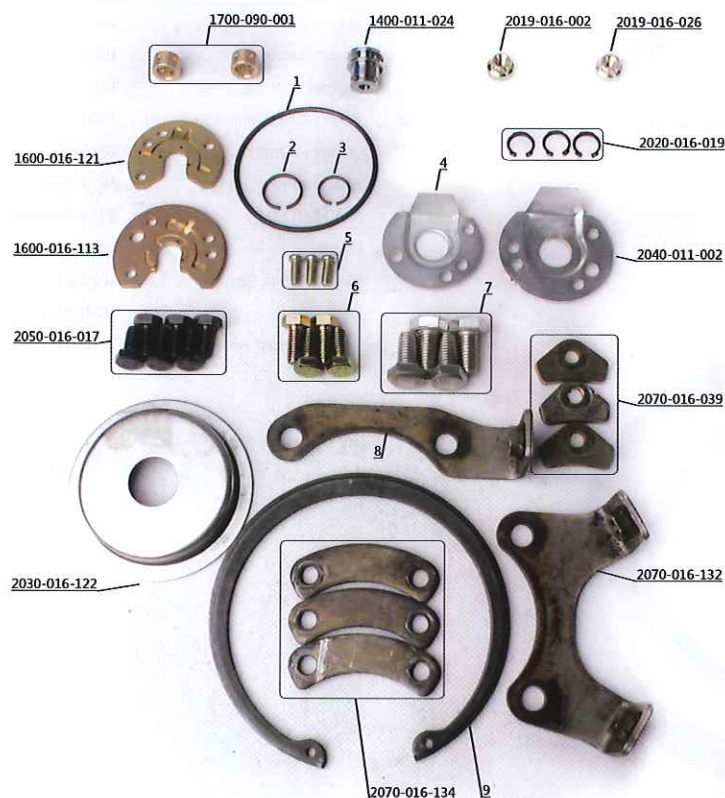
Description



5000-060-002

Repair Kits/Minor

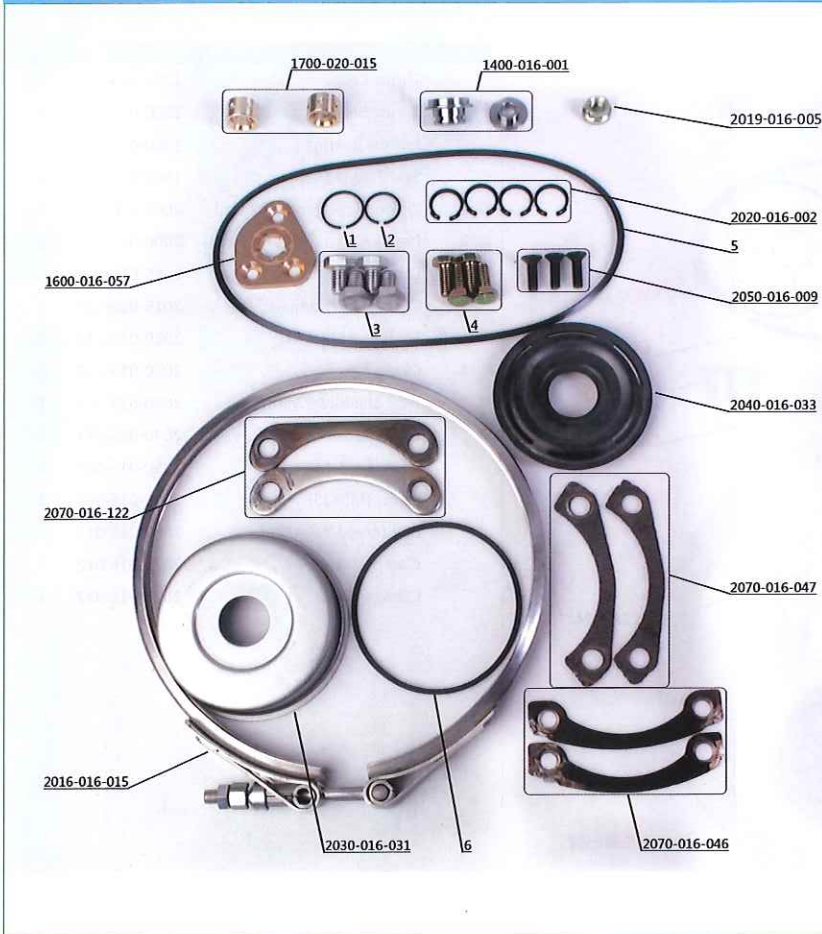
HITACHI HT10/12



Key	Parts Description	Irone No.	Q'ty/ Turbo
	Thrust Collar	1400-011-024	1
	Thrust Bearing (46mm)	1600-016-113	1
	Thrust Bearing (40mm)	1600-016-121	1
	Journal Bearing	1700-090-001	2
2	Piston Ring (t/end 15.63mm)	2000-020-203	1
3	Piston Ring (c/end 12.7mm)	2000-020-204	1
1	O Ring (55mm)	2015-016-196	1
	Shaft Nut (M5 LHT)	2019-016-002	1
	Shaft Nut (M5 RHT)	2019-016-026	1
	Circlip	2020-016-019	3
9	Circlip (c/end 96mm)	2020-016-036	1
	Circlip (c/end 110mm)	2020-016-057	1
	Heat Shield	2030-016-122	1
	Oil Deflector (46mm)	2040-011-002	1
4	Oil Deflector (40mm)	2040-016-034	1
6	Bolt (c/end M6×14)	2050-016-007	4
	Bolt (t/end M6×12)	2050-016-017	6
5	Screw (*Thrust Bearing M4×10)	2050-016-020	3
7	Bolt (t/end M8×16)	2050-016-022	4
	Clamps,c/end	2070-016-039	3
	Clamps,t/end	2070-016-132	1
8	Clamps,t/end	2070-016-133	1
	Clamps,t/end	2070-016-134	3

Picture	Irone Kits No.	Description
	5000-060-003	Repair Kits/Minor 45.87mm Thrust Bearing/RHT Shaft Nut.
	5000-070-021	Repair Kits/Major Key parts are same with 5000-060-003, and includes additional Heat Shield/ 46mm Oil Deflector and Bolts.
	5000-060-004	Repair Kits/Minor 40mm Thrust Bearing/ LHT Shaft Nut.

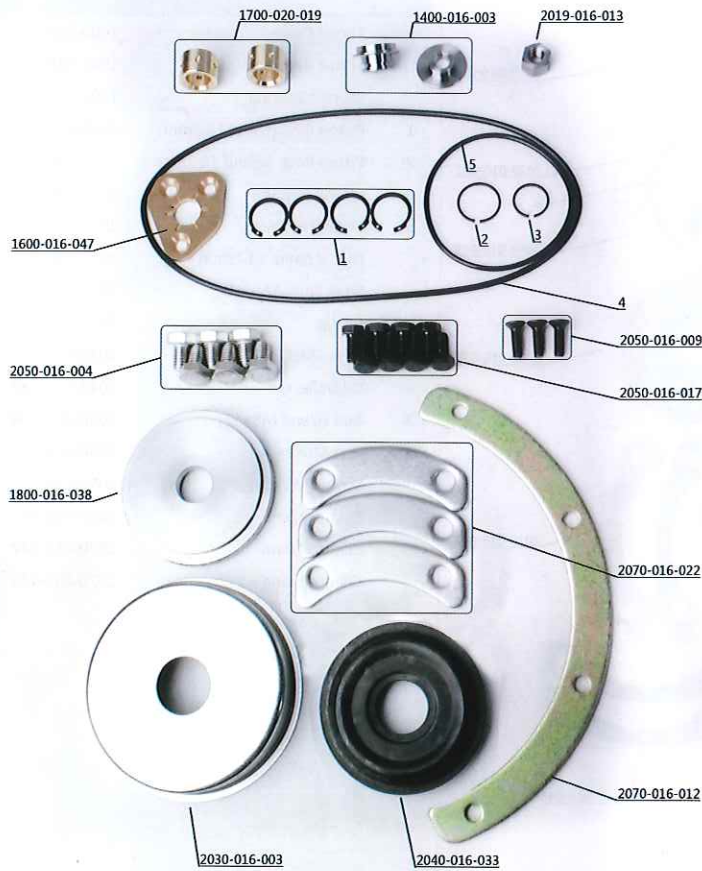
HOLSET H1B/H1C/H1E



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-001	1
	Thrust Bearing	1600-016-057	1
	Journal Bearing	1700-020-015	2
1	Piston Ring (t/end 19.3mm)	2000-020-068	1
2	Piston Ring (c/end 16.13mm)	2000-020-069	1
6	O Ring (68mm)	2015-016-127	1
5	O Ring(145mm)	2015-016-143	1
	Nut, V band (178mm)	2016-016-015	1
	Shaft Nut M7 LHT	2019-016-005	1
	Circlip	2020-016-002	4
	Heat Shield(81.4mm)	2030-016-031	1
	Oil Deflector	2040-016-033	1
3	Bolt (t/end M8×12)	2050-016-004	4
4	Bolt M6×14	2050-016-007	4
	Screw (M5×15)	2050-016-009	3
	Clamps,t/end	2070-016-046	2
	Clamps,t/end	2070-016-047	2
	Clamps,t/end	2070-016-122	2

Picture	Jrone Kits No.	Description
	5000-020-014	Repair Kits/Minor Sinreted Brozen Thrust Bearing with 360
	5000-020-034	Repair Kits/Major Key Parts are same as 5000-020-014 and includes additional Heat Shield and 4pcs Bolts 2050-016-004

HOLSET H2D



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-003	1
	Thrust Bearing	1600-016-047	1
	Journal Bearing	1700-020-019	2
	Seal Plate(68mm)	1800-016-038	1
2	Piston Ring (t/end 19.3mm)	2000-020-068	1
3	Piston Ring (c/end 16.13mm)	2000-020-069	1
4	O Ring(Φ152mm)	2015-016-019	1
5	O Ring (Φ67mm)	2015-016-151	1
	Shaft Nut M8 LHT	2019-016-013	1
1	Circlip	2020-016-017	4
	Heat Shield(Φ92mm)	2030-016-003	1
	Oil Deflector	2040-016-033	1
	Bolt (t/end M8x12)	2050-016-004	6
	Screw (M5x15)	2050-016-009	3
	Bolt (c/end M6x12)	2050-016-017	8
	Clamps, c/end	2070-016-012	1
	Clamps, t/end	2070-016-022	3

Picture

Jrone Kits No.

Description



5000-020-017

Repair Kits/Minor
Sinreted Brozen Thrust Bearing with 360

HOLSET HX30 HX35/W/Y/G HY35 HX40


Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-002	1
	Thrust Bearing	1600-016-030	1
	Thrust Bearing	1600-016-117	1
	Journal Bearing (without Oil Groove)	1700-020-015	2
	Journal Bearing (with Oil Groove)	1700-020-015B	2
	Seal Plate(52mm)	1800-016-009	1
1	Piston Ring (t/end 19.3mm)	2000-020-068	1
2	Piston Ring (c/end 16.13mm)	2000-020-069	1
8	O Ring (48mm)	2015-016-051	1
	Nut, V band(108mm)	2016-016-013	1
	Shaft Nut(M7 LHT)	2019-016-005	1
4	Circlip	2020-016-002	4
6	Circlip (Seal Plate 58mm)	2020-016-012	1
7	Circlip (c/end 138mm)	2020-016-048	1
7	Circlip (c/end 168mm)	2020-016-052	1
	Heat Shield(73.4mm)	2030-016-031	1
	Heat Shield(63.0mm)	2030-016-049	1
	Oil Deflector	2040-016-005	1
	Bolt,t/end M8x12	2050-016-004	6
3	Actuator Clip 5.2mm	2062-020-006	1
	Clamps,t/end	2070-016-043	2
5	Clamps,t/end	2070-016-105	1
	Clamps,t/end	2070-016-122	2

Picture	Jrone Kits No.	Description
	5000-020-021	Repair Kits/Minor Journal Bearing without Oil Groove
	5000-020-022	Repair Kits/Minor Journal Bearing without Oil Groove
	5000-020-029	Repair Kits/Minor Journal Bearing with Oil Groove

HOLSET HE351CW/HE351VE/HE431V/HY40V



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-002	1
	Thrust Bearing	1600-016-030	1
	Thrust Bearing	1600-016-140	1
	Journal Bearing(without oil groove)	1700-020-015	2
	Journal Bearing(with oil groove)	1700-020-0158	2
	Seal Plate(52mm)	1800-016-009	1
1	Piston Ring (t/end 19.3mm)	2000-020-068	1
2	Piston Ring (c/end 16.13mm)	2000-020-069	1
5	O Ring (48mm)	2015-016-051	1
4	O Ring (112mm)	2015-016-194	1
4	O Ring (162mm)	2015-016-205	1
8	Nut, V band(Ø108mm)	2016-016-013	1
	Nut, V band(Ø178mm)	2016-016-015	1
	Nut, V band(Ø188mm)	2016-016-024	1
	Nut, V band(Ø156mm)	2016-016-036	1
	Shaft Nut(M7 LHT)	2019-016-005	1
3	Circlip	2020-016-002	4
7	Circlip (Seal Plate 58mm)	2020-016-012	1
	Circlip (c/end 138mm)	2020-016-048	1
	Heat Shield(81.5mm)	2030-016-031	1
6	Oil Deflector	2040-016-005	1
	Bolt,t/end M5×10	2050-016-073	3

Picture	Jrone Kits No.	Description
	5000-020-018	Repair Kits/Minor Journal Bearing with Oil Groove
	5000-020-027	Repair Kits/Minor Journal Bearing without Oil Groove

HOLSET HC5A

Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-005	1
	Thrust Bearing	1600-016-048B	1
	Journal Bearing	1700-020-027	2
	Piston Ring (c/end 19.05mm)	2000-020-062	1
	Piston Ring (t/end 28.58mm)	2000-020-088	1
	O Ring (Φ70mm)	2015-016-043	1
	Circlip	2020-016-035	4
	Oil Deflector	2040-016-012	1
	Bolt (M8×25)	2050-016-040	4

Picture	Jrone Kits No.	Description
	5000-020-020	Repair Kits/Minor Copper Bar Journal Bearing with 360

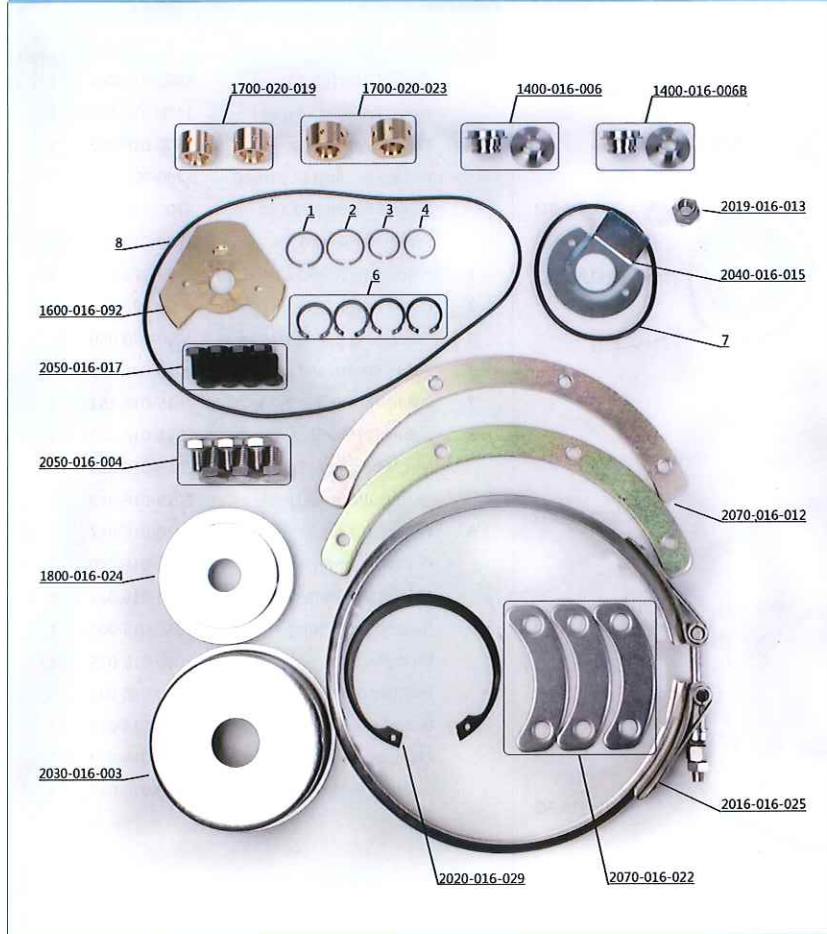
HOLSET HE551V



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-131	1
	Thrust Bearing	1600-016-139	1
	Journal Bearing	1700-020-023	2
	Piston Ring (t/end 22.48mm)	2000-020-052	1
	Piston Ring (c/end 16.13mm)	2000-020-069	1
	Shaft Nut (M8 LHT)	2019-016-013	1

Picture	Jrone Kits No.	Description
	5000-020-036	Repair Kits/Minor Copper Bar Journal Bearing with 360

HOLSET HX50



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(H5.05mm)	1400-016-006	1
	Thrust Collar(H5.45mm)	1400-016-006B	1
	Thrust Bearing	1600-016-092	1
	Journal Bearing(18.96mm)	1700-020-019	2
	Journal Bearing(22.14mm)	1700-020-023	2
	Seal Plate(68mm)	1800-016-024	1
1	Piston Ring (t/end 22.48mm)	2000-020-052	1
2	Piston Ring (t/end 19.3mm)	2000-020-068	1
4	Piston Ring (c/end 16.13mm)	2000-020-069	1
3	Piston Ring (t/end 19.05mm)	2000-020-079	2
7	O Ring (67mm)	2015-016-151	1
8	O Ring (175mm)	2015-016-162	1
	Nut, V band(Ø205mm)	2016-016-025	1
	Shaft Nut(M8 LHT)	2019-016-013	1
6	Circlip(20.1mm)	2020-016-017	4
	Circlip (Seal Plate 78mm)	2020-016-029	1
	Heat Shield(92mm)	2030-016-003	1
	Oil Deflector	2040-016-015	1
	Bolt,t/end M8×12	2050-016-004	6
	Bolt,c/end M6×12	2050-016-017	8
	Clamps,c/end	2070-016-012	2
	Clamps,t/end	2070-016-022	3

Picture	Jrone Kits No.	Description
	5000-020-025B	Repair Kits/Minor 5.05mm(H) Thrust Collar/ 18.96mm Journal Bearing/ 16.13mm Piston Ring(C end)/19.3mm Piston Ring(T end) .
	5000-020-028	Repair Kits/Major Key Parts are same as 5000-020-025B,and includes additional Seal Plate and Oil Deflector.
	5000-020-028B	Repair Kits/Minor 5.05mm(H) Thrust Collar/ 18.96mm Journal Bearing/ 16.13mm Piston Ring(C end)/ 19.05mm Twin Piston Ring(T end)

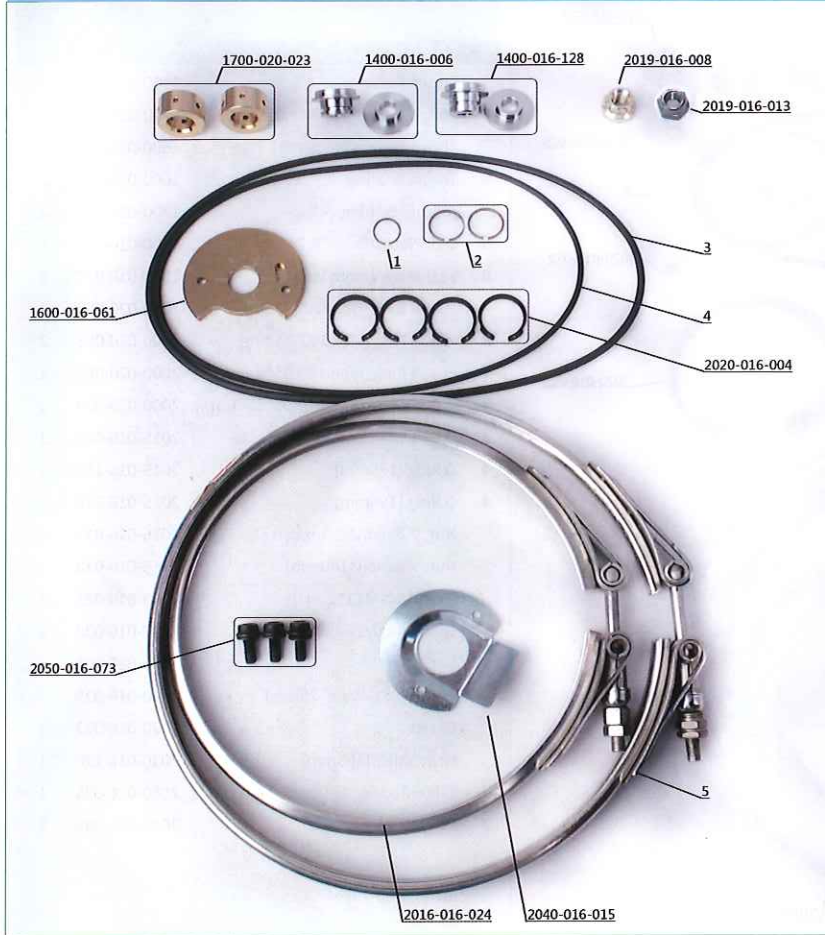
Exploded view diagram of a mechanical assembly, showing various components and their assembly relationships. The components are labeled with part numbers and callouts:

- 1700-020-019
- 1700-020-023
- 1400-016-006
- 1400-016-006B
- 1600-016-092
- 2050-016-017
- 2050-016-004
- 1800-016-024
- 2030-016-003
- 2020-016-029
- 2070-016-022
- 2070-016-012
- 2019-016-013
- 2040-016-015
- 2016-016-025

Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(H5.05mm)	1400-016-006	1
	Thrust Collar(H5.45mm)	1400-016-006B	1
	Thrust Bearing	1600-016-092	1
	Journal Bearing(18.96mm)	1700-020-019	2
	Journal Bearing(22.14mm)	1700-020-023	2
	Seal Plate(68mm)	1800-016-024	1
1	Piston Ring (t/end 22.48mm)	2000-020-052	1
2	Piston Ring (t/end 19.3mm)	2000-020-068	1
4	Piston Ring (c/end 16.13mm)	2000-020-069	1
3	Piston Ring (t/end 19.05mm)	2000-020-079	2
7	O Ring (67mm)	2015-016-151	1
8	O Ring (175mm)	2015-016-162	1
	Nut, V band(Ø205mm)	2016-016-025	1
	Shaft Nut(M8 LHT)	2019-016-013	1
6	Circlip(20.1mm)	2020-016-017	4
	Circlip(14.4mm)	2020-016-040	4
	Circlip (Seal Plate 78mm)	2020-016-029	1
	Heat Shield(92mm)	2030-016-003	1
	Oil Deflector	2040-016-015	1
	Bolt,t/end M8×12	2050-016-004	6
	Bolt,c/end M6*12	2050-016-017	8
	Clamps,c/end	2070-016-012	2
	Clamps,t/end	2070-016-022	3

Picture	Jrone Kits No.	Description
	5000-020-016	Repair Kits/Major Key parts same as 5000-020-023, and includes additional Seal Plate, Oring and Clamps.
	5000-020-023	Repair Kits/Minor 5.05mm(H) Thrust Collar/ 22.14mm Journal Bearing/ 22.48mm Piston Ring(T end) /16.13mm Piston Ring(C end).

HOLSET HY55V



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(L11.95mm)	1400-016-006	1
	Thrust Collar(L13.7mm)	1400-016-128	1
	Thrust Bearing	1600-016-061	1
	Journal Bearing	1700-020-023	2
2	Piston Ring (t/end 22.48mm)	2000-020-052	2
1	Piston Ring (c/end 16.13mm)	2000-020-069	1
3	O Ring (Φ175mm)	2015-016-162	1
4	O Ring (Φ156mm)	2015-016-191	1
	Nut, V band(Φ188mm)	2016-016-024	1
5	Nut, V band(Φ205mm)	2016-016-025	1
	Nut, V band(Φ180mm)	2016-016-035	1
	Shaft Nut(M8 LHT)	2019-016-008	1
	Shaft Nut(M8 LHT)	2019-016-013	1
	Circlip(23.5mm)	2020-016-004	4
	Oil Deflector	2040-016-015	1
	Bolt,t/end M5×10	2050-016-073	3

Picture	Jrone Kits No.	Description
	5000-020-024	Repair Kits/Minor 11.95mm Thrust Colla/ Twin Piston Ring in T side/ 156mm O Ring.
	5000-020-032	Repair Kits/Minor 13.7mm Thrust Collar/ Twin Piston Ring in T side/ 156mm & 175mm O Ring.

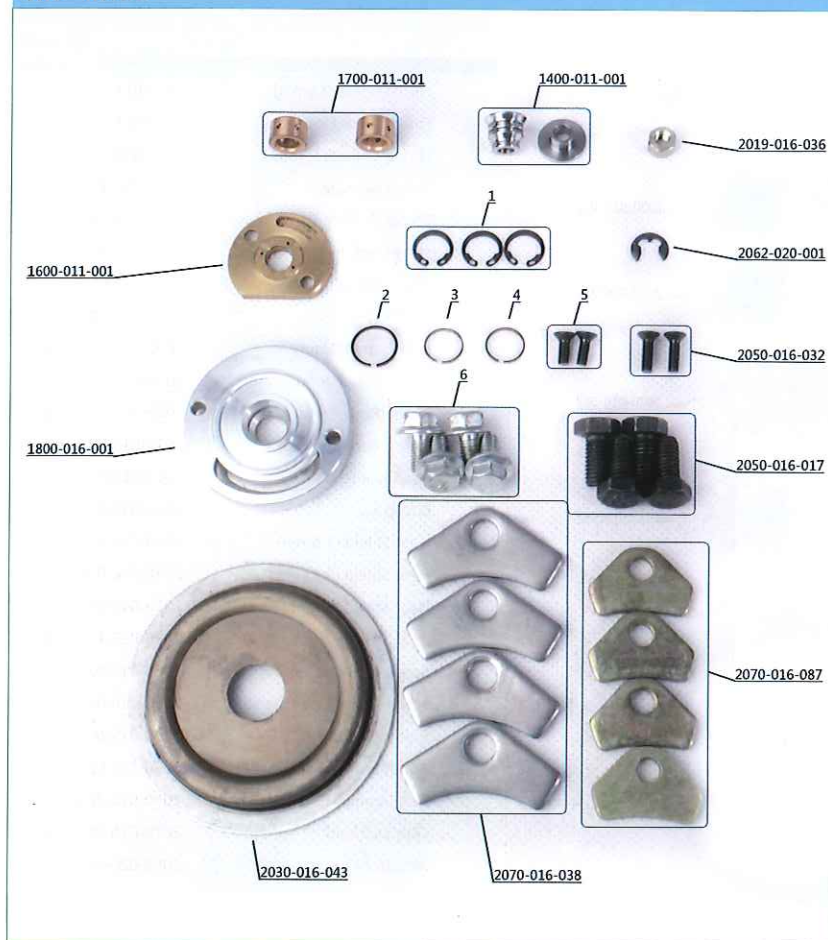
HOLSET HT3B/HT60/HX60



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-004	1
	Thrust Collar(Twin Piston Ring)	1400-016-152	1
	Thrust Bearing(69.8mm)	1600-016-096	1
5	Thrust Bearing	1600-016-035	1
	Journal Bearing	1700-020-011	2
6	Seal Plate(70mm*6.7mm)	1800-016-039	1
6	Seal Plate(70mm*5.0mm)	1800-016-077	1
	Piston Ring (t/end22.48mm)	2000-020-052	2
8	Piston Ring (t/end 22.23mm)	2000-020-053	2
2	Piston Ring (c/end 19.05*1.6mm)	2000-020-062	1
8	Piston Ring (c/end 19.05*1.71mm)	2000-020-079	1
3	O Ring (64.5mm)	2015-016-024	1
4	O Ring (175mm)	2015-016-162	1
4	O Ring (196mm)	2015-016-215	1
	Nut, V band(Ø251mm)	2016-016-017	1
	Nut, V band(Ø140mm)	2016-016-018	1
	Shaft Nut(M11*1 LHT)	2019-016-023	1
	Shaft Nut(7/16-20 RHT)	2019-016-028	1
1	Circlip	2020-016-004	4
	Circlip (Seal Plate 78mm)	2020-016-029	1
	Circlip	2020-016-072	1
	Heat Shield(105mm)	2030-016-126	1
7	Oil Deflector	2040-016-035	1
7	Oil Deflector	2040-016-039	1

Picture	Jrone Kits No.	Description
	5000-020-019	Repair Kits/Minor Thrust Collar(1400-016-004)/ 22.48mm Piston Ring(T end)/ 19.05*1.6mm Piston Ring(C end)/ 64.5mm&175mm O ring.
	5000-020-037	Repair Kits/Minor Thrust Collar(1400-016-004)/ 22.23mm Piston Ring(T end)/ 19.05*1.6mm Piston Ring(C end)/ 64.5mm O ring.

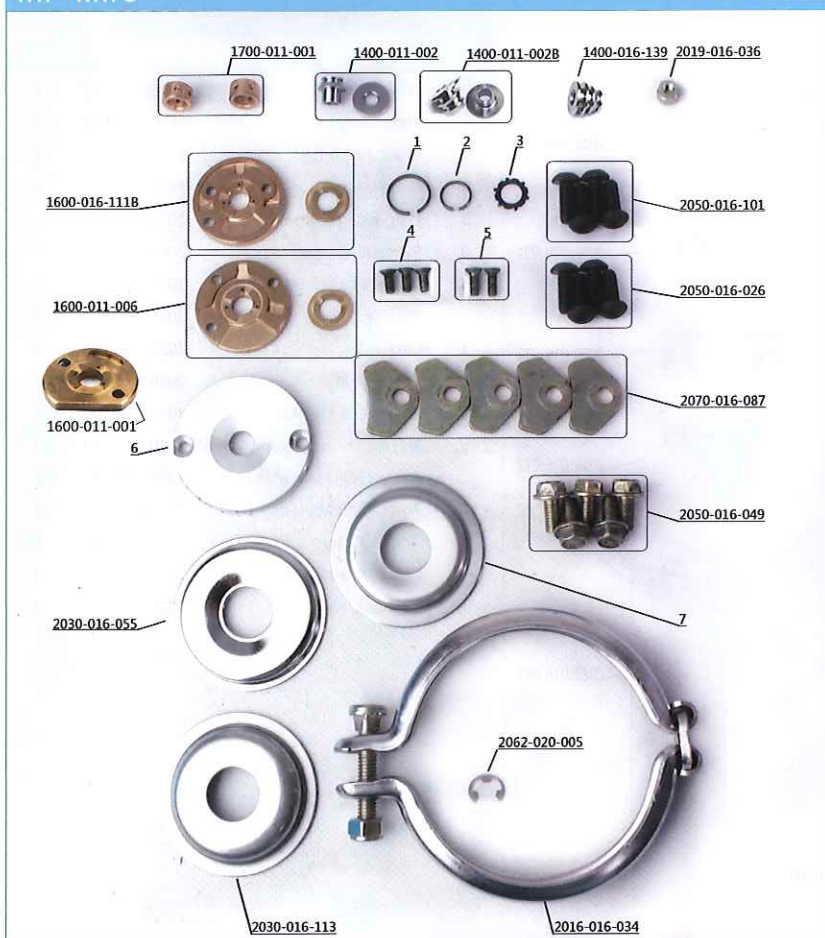
IHI RHB3



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-011-001	1
	Thrust Bearing	1600-011-001	1
	Journal Bearing	1700-011-001	2
	Seal Plate	1800-016-001	1
3	Piston Ring (c/end 10mm)	2000-020-164	1
2	Piston Ring (t/end 11mm)	2000-020-175	1
4	Piston Ring (c/end 8mm)	2000-020-208	1
	Shaft Nut (LHT)	2019-016-036	1
1	Circlip	2020-016-021	4
	Heat Shield	2030-016-043	1
	Bolt (t/end M6x12)	2050-016-017	4
5	Screw (l'Thrust Bearing M3x6)	2050-016-021	2
	Screw (Seal Plate M3x10)	2050-016-032	2
6	Bolt (c/end M5x10)	2050-016-049	4
	Actuator Clip	2062-020-001	1
	Clamps,t/end	2070-016-038	4
	Clamps,c/end	2070-016-087	4

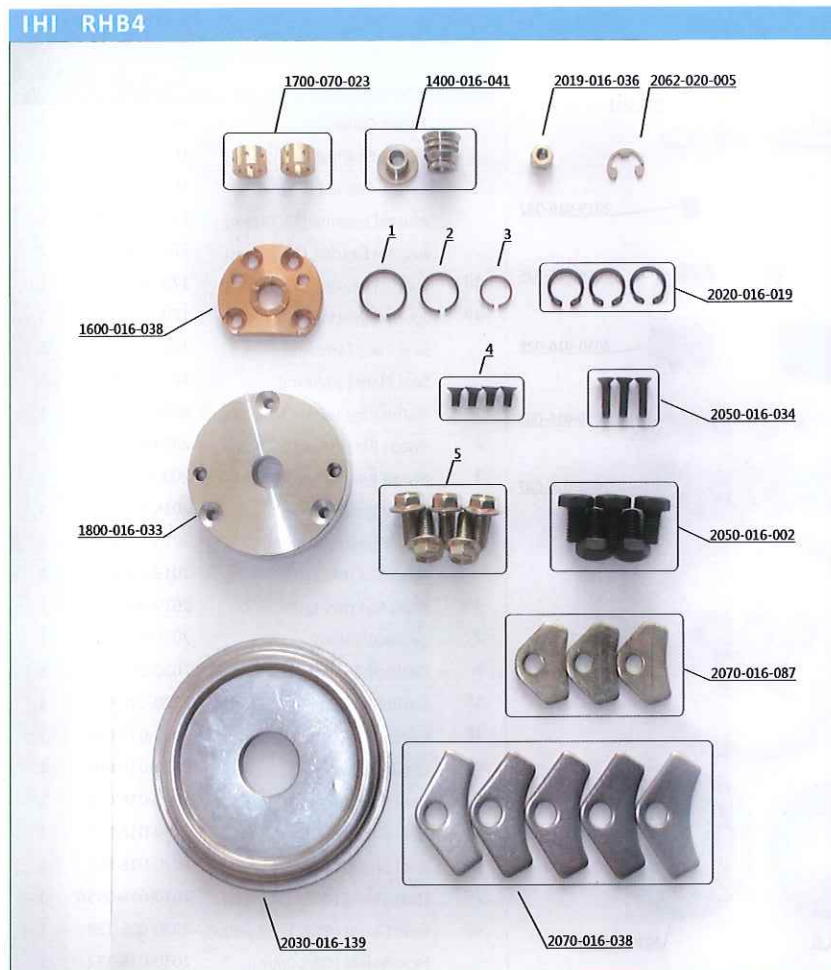
Picture	Jrone Kits No.	Description
	5000-080-021	Repair Kits/Minor

IHI RHF3



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(9.6mm)	1400-011-002	1
	Thrust Collar(15mm)	1400-011-002B	1
	Thrust Collar(11.4mm)	1400-016-139	1
	Thrust Bearing	1600-016-111B	1
	Thrust Bearing(RHB3)	1600-011-001	1
	Thrust Bearing	1600-011-006	1
	Journal Bearing	1700-011-001	1
6	Seal Plate(4.1mm)	1800-011-001	1
6	Seal Plate(4.7mm)	1800-016-055	1
1	Piston Ring (t/end 13mm)	2000-020-207	1
2	Piston Ring (c/end 8mm)	2000-020-208	1
	Nut, V band (65mm)	2016-016-034	1
	Shaft Nut (LHT)	2019-016-036	1
3	Circlip	2020-016-018	1
	Heat Shield (4.6mm)	2030-016-055	1
7	Heat Shield (4.6mm)	2030-016-028	1
7	Heat Shield (4.8mm)	2030-016-116	1
	Heat Shield (7mm)	2030-016-113	1
4	Screw ("Thrust Bearing M3x8)	2050-016-025	1
5	Screw (Seal Plate M3x10)	2050-016-032	1
	Bolt (c/end M5x10)	2050-016-049	1
	Bolt (c/end M5x12)	2050-016-026	1
	Bolt (c/end M5x10)	2050-016-101	1
	Clamps,c/end	2070-016-087	1
	Actuator Clip	2062-020-005	1

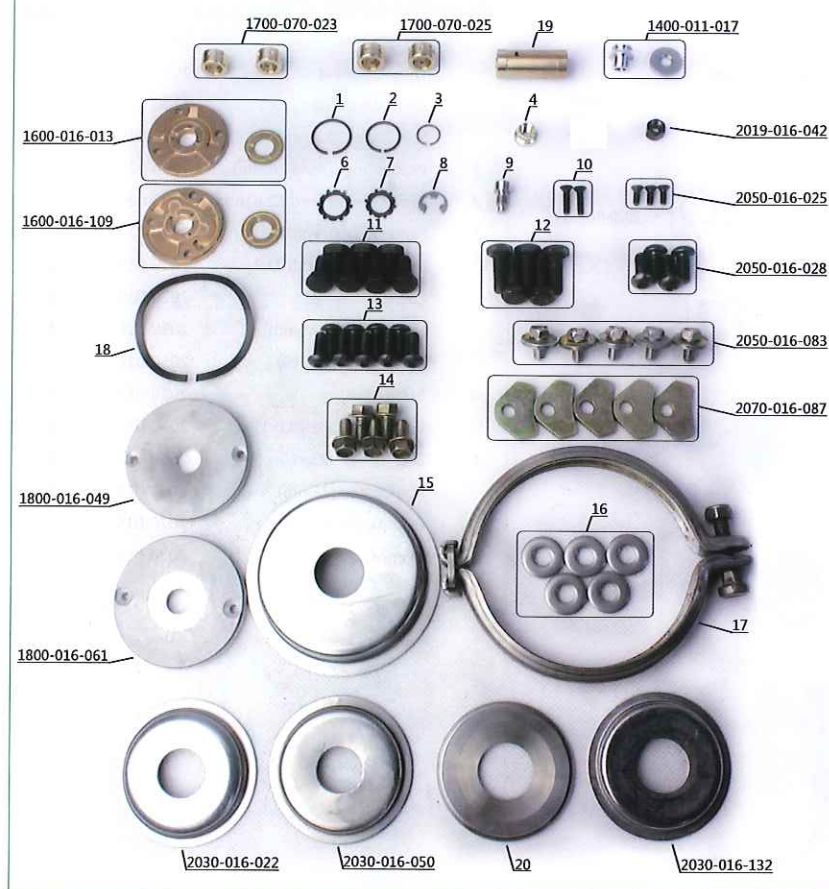
Picture	Jrone Kits No.	Description
	5000-080-010	Repair Kits/Minor 9.6mmThrust Collar(1400-011-002)/69.8mm Thrust Bearing(1600-011-006)
	5000-080-010B	Repair Kits/Minor 9.6mmThrust Collar(1400-011-002)/30.6mm Thrust Bearing(1600-016-111B)
	5000-080-053	Repair Kits/Minor 15mm Thrust Collar(1400-011-002B)/26.9mm Thrust Bearing(1600-011-001)



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-041	1
	Thrust Bearing	1600-016-038	1
	Journal Bearing	1700-070-023	2
	Seal Plate (50.8mm)	1800-016-033	1
3	Piston Ring (c/end 10mm)	2000-020-164	1
2	Piston Ring (c/end 12.41mm)	2000-020-181	1
1	Piston Ring (t/end 13mm)	2000-020-207	1
	Shaft Nut (M4×0.5 LHT)	2019-016-036	1
	Circlip	2020-016-019	3
	Heat Shield (69.6mm)	2030-016-139	1
	Bolt (t/end M6×10)	2050-016-002	6
4	Bolt(M3×6)	2050-016-021	4
	Bolt (Seal Plate M3×12)	2050-016-034	3
5	Bolt (c/end M5×10)	2050-016-049	5
	Actuator Clip(6mm)	2062-020-005	1
	Clamps, t/end	2070-016-038	5
	Clamps, c/end	2070-016-087	3

Picture	Jrone Kits No.	Description
	5000-080-119	Repair Kits/Minor Thrust Collar with Twin Piston Ring/Thrust Bearing with 360

IHI RHF4/RHV4/RHV5S



Key	Parts Description	Irone No.	Q'ty/ Turbo
	Thrust Collar	1400-011-017	1
	Thrust Bearing	1600-016-013	1
	Thrust Bearing	1600-016-109	1
	Journal Bearing (11.54mm)	1700-070-023	2
	Journal Bearing (12.33mm)	1700-070-025	2
19	Journal Bearing (12.51mm)	1700-070-035	1
19	Journal Bearing (13.50mm)	1700-070-036	1
	Seal Plate (49mm)	1800-016-049	1
	Seal Plate (50.8mm)	1800-016-061	1
3	Piston Ring (c/end 10mm)	2000-020-164	1
2	Piston Ring (t/end 15mm)	2000-020-178	1
1	Piston Ring (t/end 17mm)	2000-020-186	1
17	Nut, V band (73mm)	2016-016-027	1
17	Nut, V band (90.8mm)	2016-016-022	1
	Shaft Nut (M5 LHT)	2019-016-042	1
4	Shaft Nut (M5 LHT)	2019-016-004	1
7	Circlip(Φ14mm)	2020-016-034	1
6	Circlip(Φ16mm)	2020-016-059	1
18	Circlip(Φ49.6mm)	2020-010-001	1
18	Circlip(Φ57.6mm)	2020-010-014	1
9	Circlip	2020-010-009	1
	Heat Shield (8mm)	2030-016-022	1
	Heat Shield (16.5mm)	2030-016-050	1
20	Heat Shield (Φ50*H4.5mm)	2030-016-095	1
20	Heat Shield (Φ50*H4.1mm)	2030-016-095B	1
20	Heat Shield (Φ58.1*H4.5mm)	2030-016-152	1
	Heat Shield (Φ53.0mm)	2030-016-132	1
15	Heat Shield (Φ66.2mm)	2030-016-133	1
11	Bolt (t/end M6×10)	2050-016-002	8
12	Bolt (t/end M6×16)	2050-016-115	4
	Screw ("Thrust Bearing M3×8)	2050-016-025	3
	Bolt (c/end M6×12)	2050-016-028	4
10	Screw (Seal Plate M3×12)	2050-016-034	2
13	Bolt (c/end M5×12)	2050-016-026	4
	Bolt (c/end M5×8)	2050-016-083	5
14	Bolt (c/end M5×10)	2050-016-049	5
16	Clamps,c/end	2070-016-019	5
	Clamps,c/end	2070-016-087	5
8	Actuator Clip	2062-020-005	1

IHI RHF4/RHV4/RHV5S

Picture	Jrone Kits No.	Description
	5000-080-025	Repair Kits/Minor Thrust Bearing with 360(1600-016-013)/11.54mm Journal Bearing/ 15mm Piston Ring / Shaft Nut(2019-016-042).
	5000-080-026	Repair Kits/Minor Thrust Bearing with 360(1600-016-109)/12.51mm Journal Bearing/ 49mm Seal Plate/ 15mm Piston Ring / Shaft Nut(2019-016-042)
	5000-080-027	Repair Kits/Minor Thrust Bearing with 360(1600-016-109)/11.54mm Journal Bearing / 15mm Piston Ring / Shaft Nut(2019-016-042)
	5000-080-123	Repair Kits/Minor Thrust Bearing with 360(1600-016-109)/13.50mm Journal Bearing / 17mm Piston Ring / Shaft Nut(2019-016-042)

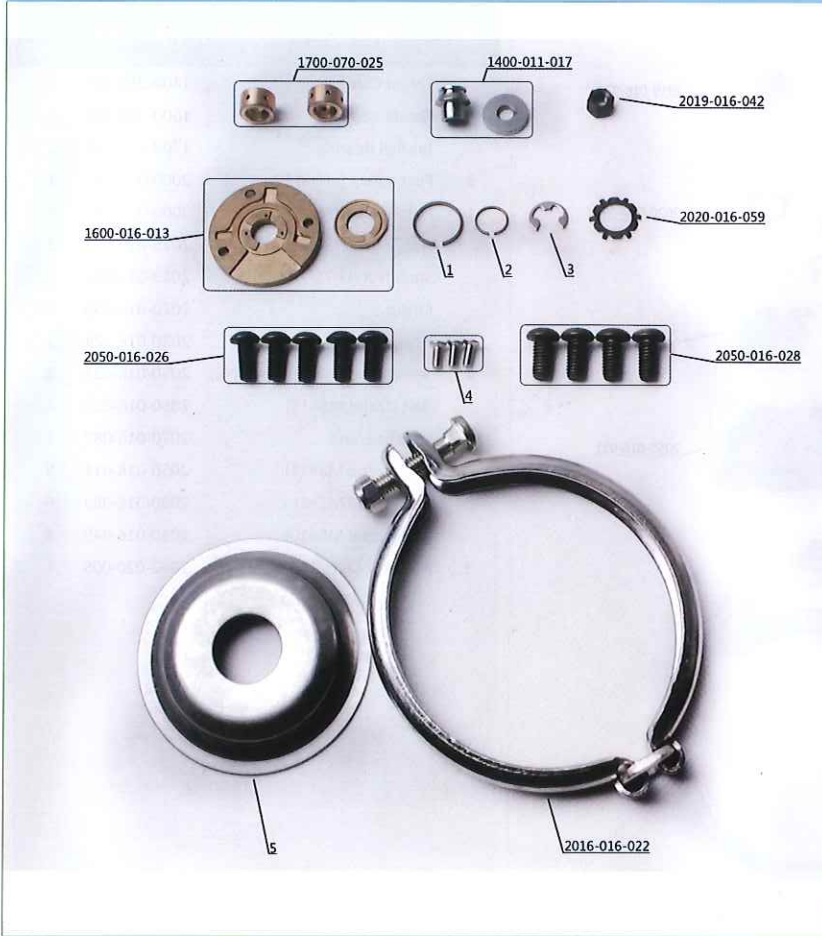
Exploded view diagram of a mechanical assembly. The components are labeled with part numbers:

- 1700-070-024
- 1700-070-025
- 1400-016-041
- 1400-016-041B
- 1600-016-038
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 2050-016-034
- 2050-016-049
- 2050-016-011
- 2070-016-091
- 2030-016-019
- 2070-016-087
- 2070-016-031

[illegible]

Picture	Jrone Kits No.	Description
	5000-080-115	Repair Kits/Minor 10.44mm Thrust Collar(1400-016-041) with twin piston ring(1pc 2000-020-164 and 1pc 2000-020-181)/ 7mm Journal Bearing (1700-016-025)

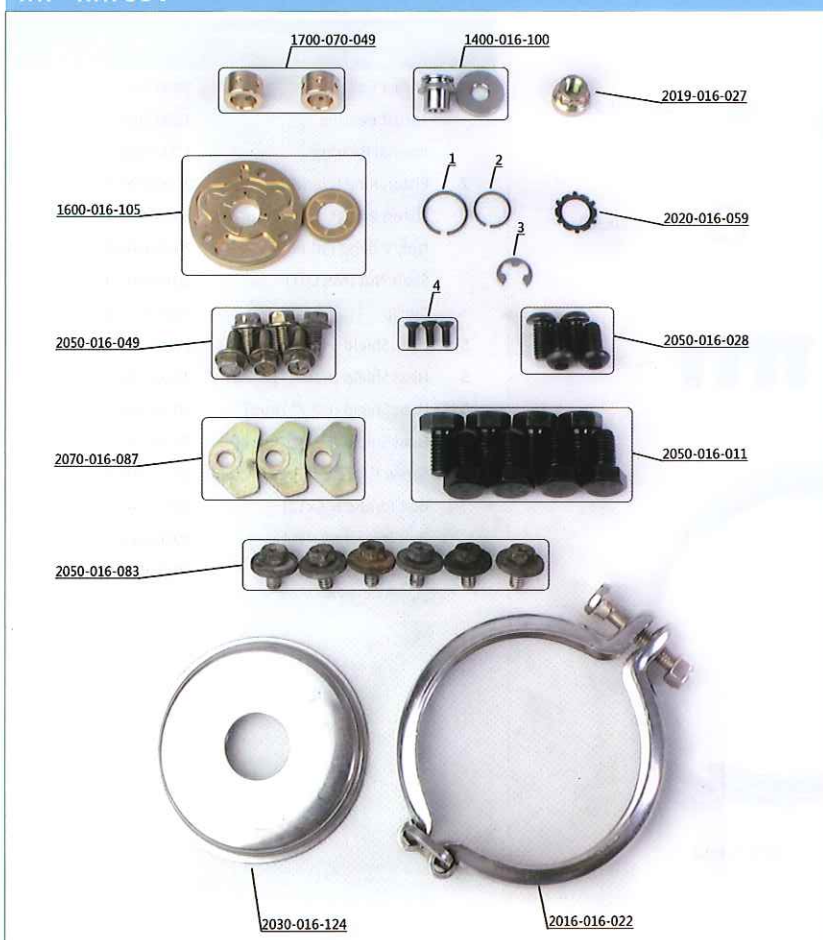
IHI RHF5/RHF5V



Key	Parts Description	Irone No.	Q'ty/ Turbo
	Thrust Collar	1400-011-017	1
	Thrust Bearing	1600-016-013	1
	Journal Bearing	1700-070-025	2
2	Piston Ring (c/end 10mm)	2000-020-164	1
1	Piston Ring (t/end 17mm)	2000-020-186	1
	Nut, V band (90.8mm)	2016-016-022	1
	Shaft Nut (M5 LHT)	2019-016-042	1
	Circlip	2020-016-059	1
5	Heat Shield (H10.4*1mm)	2030-016-082	1
5	Heat Shield (H10.4*1.3mm)	2030-016-082B	1
5	Heat Shield (H7.7*1mm)	2030-016-133	1
5	Heat Shield (H11*1.2mm)	2030-016-141	1
4	Screw (Thrust Bearing M3x8)	2050-016-025	1
	Bolt (c/end M5x12)	2050-016-026	5
	Bolt (c/end M6x16)	2050-016-028	6
3	Actuator Clip	2062-020-005	1

Picture	Irone Kits No.	Description
	5000-080-009	Repair Kits/Minor
	5000-080-051	Repair Kits/Major Key parts are same as 5000-080-009 ,and includes additional 10.4*1mm Heat Shield(2030-016-082)

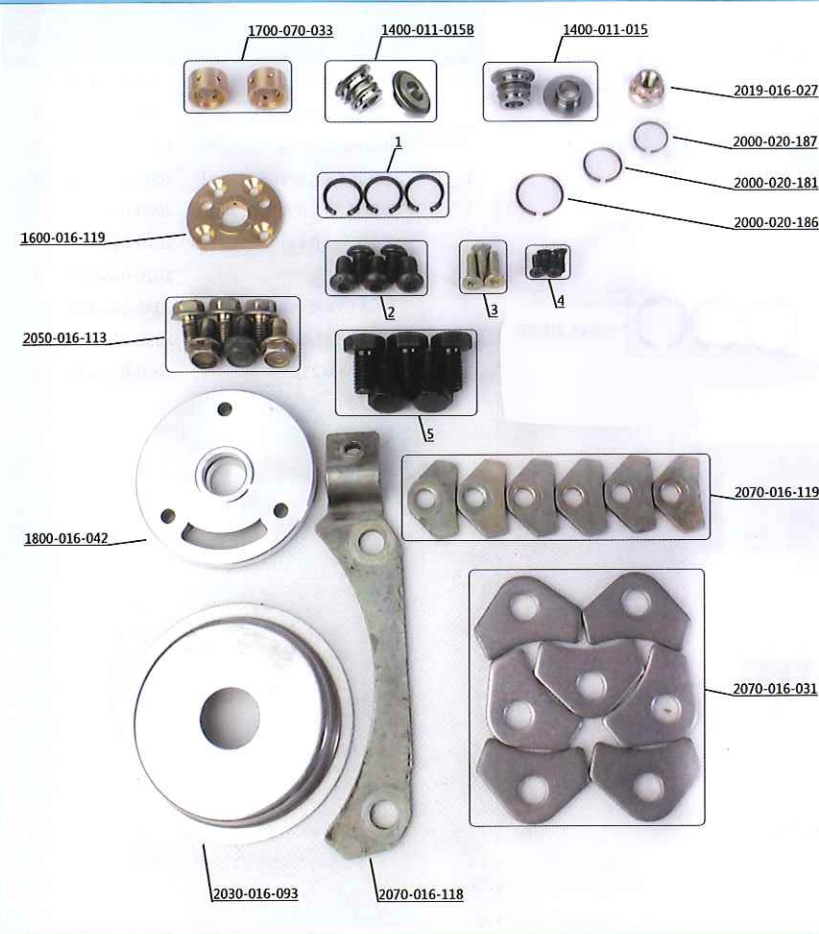
IHI RHF55V



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-100	1
	Thrust Bearing	1600-016-105	1
	Journal Bearing	1700-070-049	2
2	Piston Ring (c/end 12.4mm)	2000-020-181	1
1	Piston Ring (t/end 17mm)	2000-020-186	1
	Nut, V band (90.8mm)	2016-016-022	1
	Shaft Nut (LHT)	2019-016-027	1
	Circlip	2020-016-059	1
	Heat Shield	2030-016-124	1
4	Screw (Thrust Bearing M3x8)	2050-016-025	3
	Bolt (c/end M6x16)	2050-016-028	4
	Clamps, c/end	2070-016-087	3
	Bolt (c/end M8x14)	2050-016-011	8
	Bolt (c/end M5x8)	2050-016-083	6
	Bolt (c/end M5x10)	2050-016-049	8
3	Actuator Clip	2062-020-005	1

Picture	Jrone Kits No.	Description
	5000-080-052	Repair Kits/Minor

IHI RHC6



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(L 11.9mm)	1400-011-015	1
	Thrust Collar(L 11.1mm)	1400-011-015B	1
	Thrust Bearing	1600-016-119	1
	Journal Bearing	1700-070-033	2
	Seal Plate	1800-016-042	1
	Piston Ring (c/end 12.4mm)	2000-020-181	1
	Piston Ring (t/end 17mm)	2000-020-186	1
	Piston Ring (c/end 14mm)	2000-020-187	1
	Shaft Nut (LHT)	2019-016-027	1
1	Circlip	2020-016-056	3
	Heat Shield	2030-016-093	1
5	Bolt (c/end M8x14)	2050-016-011	5
4	Screw ("Thrust Bearing M3x6)	2050-016-021	4
3	Screw (Seal Plate M4x13)	2050-016-043	3
2	Bolt (c/end M6x10)	2050-016-027	5
	Bolt (c/end M6x12)	2050-016-113	6
	Clamps,t/end	2070-016-031	7
	Clamps,c/end	2070-016-039	
	Clamps,c/end	2070-016-118	1

Picture	Jrone Kits No.	Description
	5000-080-050	Repair Kits/Minor 11.1mm Thrust Collar(1400-011-015B)
	5000-080-118	Repair Kits/Major Key Parts are same as 5000-080-050, and includes additional Heat Shield and Bolts

IHI RHG6



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-153	1
	Thrust Bearing	1600-016-151	1
	Journal Bearing	1700-070-050	2
1	Piston Ring (t/end 17mm)	2000-020-186	1
2	Piston Ring (c/end 14mm)	2000-020-187	1
	Shaft Nut (M7×0.75 LHT)	2019-016-021	1
	Circlip	2020-016-070	4
	Heat Shield (Φ95.22mm)	2030-016-154	1
	Screw (M3×8)	2050-016-025	4
	Bolt (M8×25)	2050-016-071	4

Picture	Jrone Kits No.	Description
	5000-080-121	Repair Kits/Minor

IHI RHC7



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-011-016	1
	Thrust Bearing	1600-016-040B	1
	Journal Bearing	1700-070-026	2
	Seal Plate (70mm)	1800-016-043	1
1	Piston Ring (t/end 18.5mm)	2000-020-192	1
2	Piston Ring (c/end 16mm)	2000-020-193	1
3	Piston Ring (c/end 14mm)	2000-020-187	1
	Shaft Nut (M7x0.75 LHT)	2019-016-021	1
4	Circlip	2020-016-070	2
	Heat Shield (90.2mm)	2030-016-135	1
	Bolt (t/end M8x14)	2050-016-011	8
	Screw (M3x6)	2050-016-021	4
	Bolt (c/end M8x16)	2050-016-072	6
	Bolt (Seal Plate M4x15)	2050-016-118	4
	Clamps, t/end	2070-016-031	6
	Clamps, c/end	2070-016-123	4
	Clamps, c/end	2070-016-137	1

Picture	Jrone Kits No.	Description
	5000-080-120	Repair Kits/Major

1700-070-034

1400-016-106

1600-016-112B

1800-016-045

2000-020-193

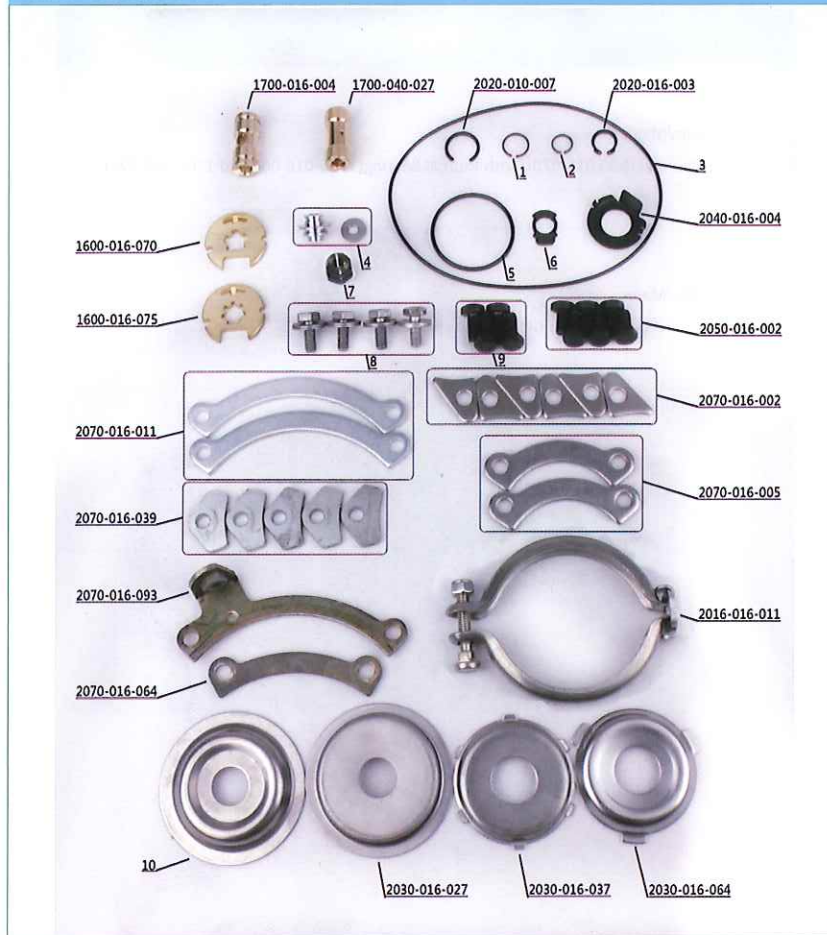
2000-020-227

2000-020-228

[illegible]

Picture	Jrone Kits No.	Description
	5000-080-122	Repair Kits/Major

KKK K03/K04

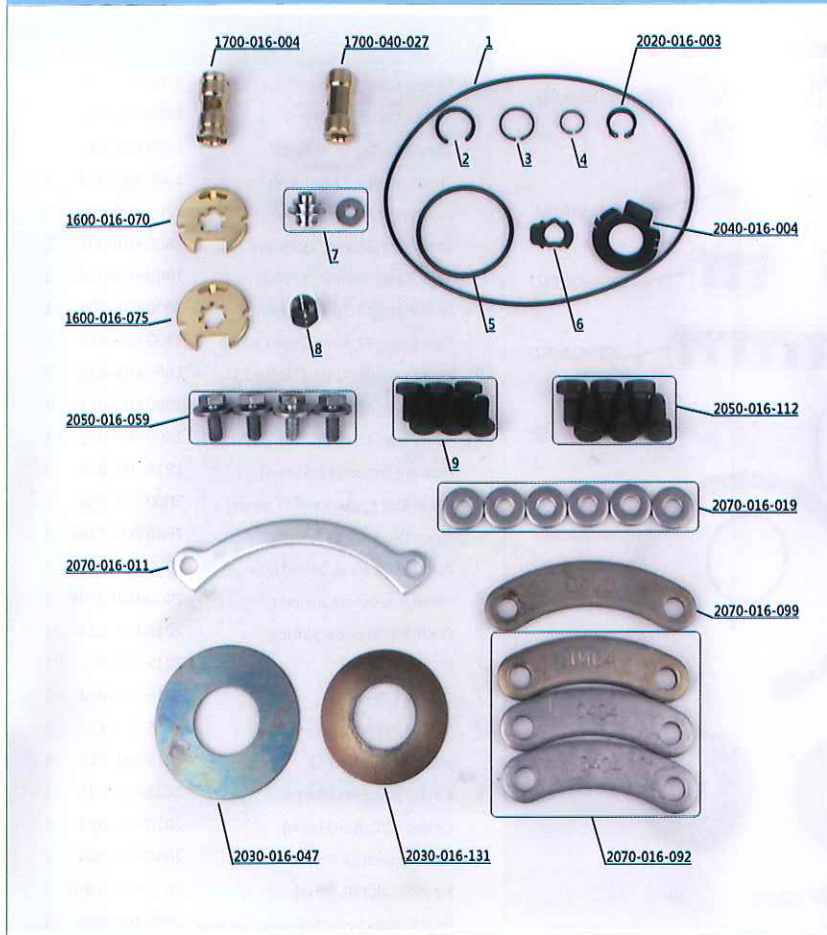


Key	Parts Description	Jrone No.	Q'ty/ Turbo
4	Thrust Collar(L12mm)	1400-011-004	1
	Thrust Bearing	1600-016-070	1
	Thrust Bearing	1600-016-075	1
	Journal Bearing (single oil feed)	1700-040-027	1
	Journal Bearing (twin oil feed)	1700-016-004	1
2	Piston Ring(c/end 10mm)	2000-020-033	1
1	Piston Ring (t/end 14mm)	2000-020-133	1
5	O Ring(Seal plate 36mm)	2015-016-017	1
3	O Ring(C/Cover 108mm)	2015-016-173	1
7	Shaft Nut (M4.5 LHT)	2019-016-0328	1
6	J-Bearing Lock plate	2020-010-006	1
	"C"Clip	2020-010-007	1
	Circlip	2020-016-003	1
10	Heat Shield(H7.7mm)	2030-016-011	1
10	Heat Shield(H6.8mm)	2030-016-011B	1
	Heat Shield(62mm)	2030-016-027	1
	Heat Shield(53.5mm)	2030-016-037	1
	Heat Shield(56.7mm)	2030-016-064	1
	Oil Deflector	2040-016-004	1
	Bolt (t/end M6×10)	2050-016-002	8
9	Bolt (t/end M6×12)	2050-016-017	4
8	Bolt (c/end M6×12)	2050-016-059	4
	Clamps , t/end	2070-016-005	2
	Clamps, c/end	2070-016-011	2
	Clamps , t/end	2070-016-002	6
	Clamps, c/end	2070-016-039	5
	Clamps, c/end	2070-016-064	1
	Clamps, c/end	2070-016-093	1
	Nut, V band(76mm)	2016-016-011	1

Picture	Jrone Kits No.	Description
	5000-040-003	Repair Kits/Major Thrust Bearing(1600-016-070)/Journal Bearing with Single Oil Feed
	5000-040-004	Repair Kits/Minor Thrust Bearing(1600-016-070)/Journal Bearing with Twin Oil Feed
	5000-040-005	Repair Kits/Minor Thrust Bearing(1600-016-075)/Journal Bearing with Single Oil Feed

KKK K03/K04			
Picture	Jrone Kits No.	Description	
	5000-040-005B	Repair Kits/Major Thrust Bearing(1600-016-070)/Both Journal Bearing(1700-016-004 and 1700-040-027)	
	5000-040-104	Repair Kits/Major Key parts are same as 5000-040-004 except additional bolts	

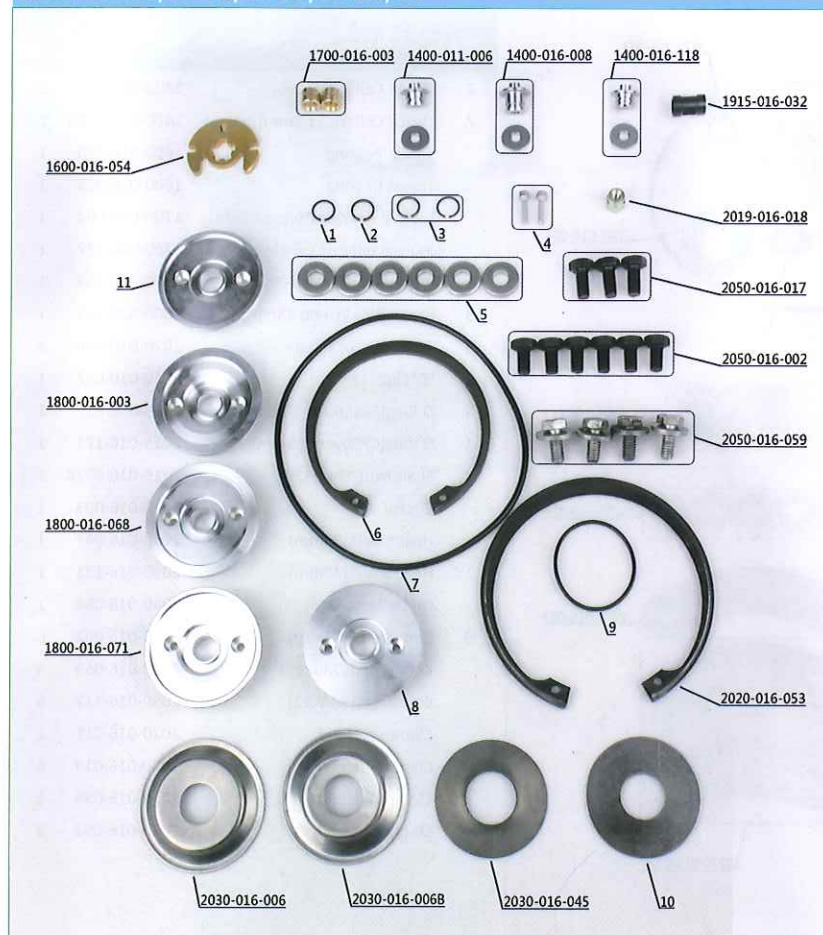
KKK BV43/BV50



Key	Parts Description	Jrone No.	Q'ty/ Turbo
7	Thrust Collar(L12mm)	1400-011-004	1
7	Thrust Collar(L11.2mm)	1400-011-004B	1
	Thrust Bearing	1600-016-070	1
	Thrust Bearing	1600-016-075	1
	Journal Bearing (twin oil feed)	1700-016-004	1
	Journal Bearing (single oil feed)	1700-040-027	1
4	Piston Ring(c/end 10mm)	2000-020-033	1
3	Piston Ring (t/end 14mm)	2000-020-133	1
6	J-Bearing Lock plate	2020-010-006	1
2	"C"Clip	2020-010-007	1
5	O Ring(Seal plate 36mm)	2015-016-017	1
1	O Ring(C/Cover 108mm)	2015-016-173	1
8	Shaft Nut(M4.5 LHT)	2019-016-032B	1
	Circlip	2020-016-003	1
	Heat Shield(55mm)	2030-016-047	1
	Heat Shield(48mm)	2030-016-131	1
	Oil Deflector	2040-016-004	1
9	Bolt (t/end M6×10)	2050-016-002	6
	Bolt (c/endr M6×12)	2050-016-059	4
	Bolt (t/end M7×12)	2050-016-112	6
	Clamps, t/end	2070-016-011	1
	Clamps, t/end	2070-016-019	6
	Clamps, t/end	2070-016-099	1
	Clamps, t/end	2070-016-092	3

Picture	Jrone Kits No.	Description
	5000-040-004B	Repair Kits/Minor 12mm Thrust Collar(1400-011-004)/Thrust Bearing(1600-016-075)/Journal Bearing with Twin Oil Feed(1700-016-004)/Both Oring(2015-016-017 and 2015-016-173)

KKK KP31/KP35/KP39/BV35/39



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(9.8mm)	1400-011-006	1
	Thrust Collar(12.6mm)	1400-011-008	1
	Thrust Collar(Twin Ring)	1400-016-118	1
	Thrust Bearing (360 deg)	1600-016-054	1
	Journal Bearing	1700-016-003	2
	Seal Plate(38mm,Super Back)	1800-016-003	1
	Seal Plate(38mm,Flat Back)	1800-016-068	1
11	Seal Plate(42.3mm,Flat Back)	1800-016-006	1
	Seal Plate(42.3mm,Super Back)	1800-016-071	1
8	Seal Plate(46.7mm,Flat Back)	1800-016-032	1
8	Seal Plate(46.7mm,Super Back)	1800-016-057	1
11	Seal Plate(46.8mm*34mmCW)	1800-016-073	1
	Bearing spacer(14.65mm)	1915-016-032	1
1	Piston Ring (t/end 10mm*1.38mm)	2000-020-156	1
2	Piston Ring (c/end 10mm*1.38mm)	2000-020-156Y	1
3	Piston Ring (t/end 10mm*1.08mm)	2000-020-273	1
3	Piston Ring (c/end 10mm*1.08mm)	2000-020-273Y	1
9	O Ring(Seal plate 32mm)	2015-016-023	1
7	O Ring (76mm)	2015-016-001	1
7	O Ring (103mm)	2015-016-022	1
7	O Ring (92mm)	2015-016-172	1
	Shaft Nut (M4x0.5)	2019-016-018	1
6	Circlip (C/Cover78mm)	2020-016-029	1
	Circlip (C/Cover93mm)	2020-016-053	1
	Heat Shield(34.4mm)	2030-016-006	1
	Heat Shield(30.4mm)	2030-016-006B	1
	Heat Shield(43mm)/Anti-H Temperature	2030-016-045	1
10	Heat Shield(44mm)/Anti-H Temperature	2030-016-130	1
10	Heat Shield(49mm)/Anti-H Temperature	2030-016-148	1
	Bolt (t/end M6×12)	2050-016-017	3
4	Screw (M3 Socket-head Seal Plate)	2050-016-018	2
	Bolt (t/end M6×10)	2050-016-002	6
	Bolt (c/end M6×12)	2050-016-059	4
5	Clamps, t/end	2070-016-019	4

Picture

Jrone Kits No.

Description



5000-040-030

Repair Kits/Major

12.6mm Thrust Collar(1400-011-008)/46.7mm Seal Plate with Flat Back(1800-016-032)/ 10*1.38mm Piston Ring/ 32mm&92mm&103mm O ring /43mm VNT Heat Shield(2030-016-045).



5000-040-030C

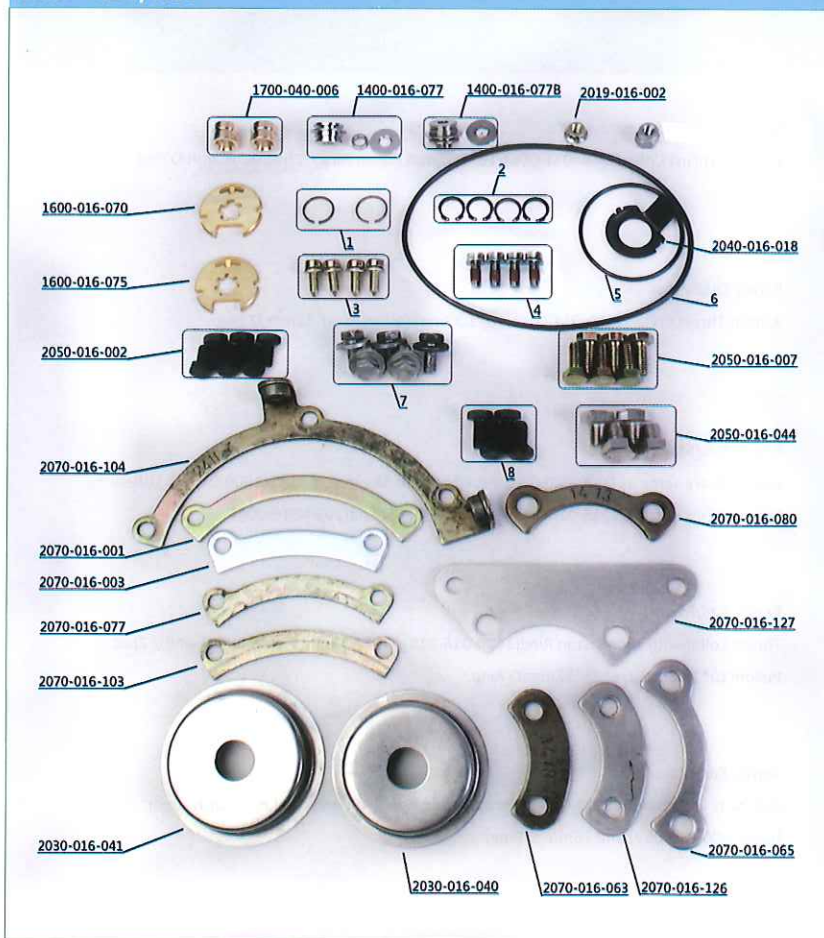
Repair Kits/Major

12.6mm Thrust Collar(1400-011-008)/42.3mm Seal Plate with Flat Back(1800-016-006)/10*1.38mm Piston Ring/ 32mm&103mm O ring

KKK KP31/KP35/KP39/BV35/39

Picture	Jrone Kits No.	Description
	5000-040-032	Repair Kits/Minor 12.6mm Thrust Collar(1400-011-008)/10*1.38mm Piston Ring/ 32mm&103mm O ring.
	5000-040-039	Repair Kits/Minor 9.8mm Thrust Collar(1400-011-006)/10*1.38mm Piston Ring/ 32mm O ring.
	5000-040-137	Repair Kits/Major Key Parts are same as 5000-040-039, and additional 38mm seal plate(1800-016-003)/Bearing Spacer/92mm O ring(2015-016-172)/34.4mm Heat Shield(2030-016-006)
	5000-040-040	Repair Kits/Minor Thrust Collar with Twin Piston Ring(1400-016-118)/ 10*1.38mm Piston Ring(T end)/ 2pcs Piston(10*1.08mm,C end)/ 32mm O Ring.
	5000-040-134	Repair Kits/Major Key Parts are same as 5000-040-040 except additional 46.7mm seal plate with super back(1800-016-057) and 76mm O Ring.

KKK K14/K16



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-077	1
	Thrust Collar	1400-016-077B	
	Thrust Bearing	1600-016-070	1
	Thrust Bearing	1600-016-075	
	Journal Bearing	1700-040-006	2
1	Piston Ring (t/end 14mm)	2000-020-133	1
1	Piston Ring (c/end 14mm)	2000-020-133Y	1
5	O Ring (Brg Hsg/Sealplate 48mm)	2015-016-003	1
6	O Ring (C/Cover 110mm)	2015-016-004	1
6	O Ring (C/Cover 103mm)	2015-016-022	
6	O Ring (C/Cover 121mm)	2015-016-175	
	Shaft Nut (M5 LHT)	2019-016-002	1
2	Circlip	2020-016-003	4
	Heat Shield(62mm)	2030-016-040	
	Heat Shield(66.5mm)	2030-016-041	
	Oil Deflector	2040-016-018	
	Bolt (c/end M6x10)	2050-016-002	6
	Bolt (c/end M6x14)	2050-016-007	6
3	Bolt (Seal Plate to B/Hsg M5x12)	2050-016-008	4
4	Bolt (Seal Plate to B/Hsg M6x16)	2050-016-013	
8	Bolt (c/end M6x12)	2050-016-017	
	Bolt (t/end M8x10)	2050-016-044	
7	Bolt (c/end M6x12)	2050-016-059	
	Clamps, c/end	2070-016-001	
	Clamps, c/end	2070-016-003	
	Clamps, t/end	2070-016-063	
	Clamps, t/end	2070-016-065	
	Clamps, c/end	2070-016-077	
	Clamps, t/end	2070-016-080	
	Clamps, c/end	2070-016-103	
	Clamps, c/end	2070-016-104	
	Clamps, t/end	2070-016-126	
	Clamps, c/end	2070-016-127	

Picture

Jrone Kits No.

Description



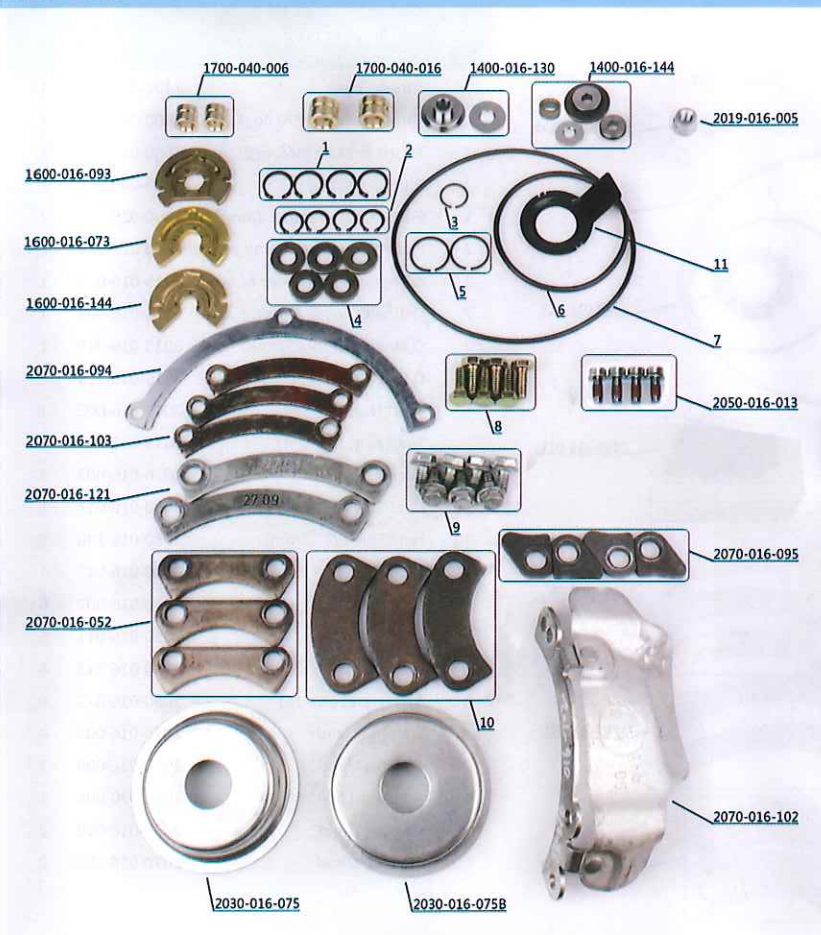
5000-040-011

 Repair Kits/Minor
 Thrust Collar(1400-016-077B)/Thrust Bearing with 360(1600-016-075)


5000-040-107

 Repair Kits/Minor
 Thrust Collar(1400-016-077)/Thrust Bearing with
 360(1600-016-075)/ 48mm & 110mm & 103mm O Ring.

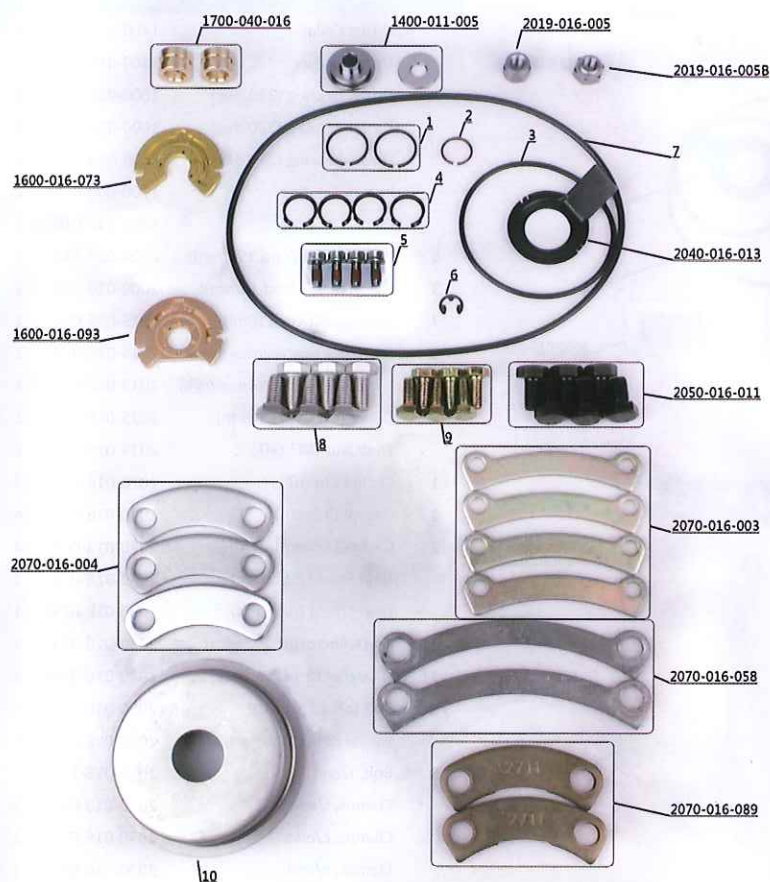
KKK K24



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-130	1
	Thrust Collar	1400-016-144	1
	Thrust Bearing (360 deg)	1600-016-093	1
	Thrust Bearing (270 deg)	1600-016-144	1
	Thrust Bearing (270 deg)	1600-016-073	1
	Journal Bearing	1700-040-006	2
	Journal Bearing	1700-040-016	2
5	Piston Ring (t/end 19.3mm)	2000-020-142	2
3	Piston Ring(c/end 14mm)	2000-020-144	1
7	O Ring (C/Cover 110mm)	2015-016-004	1
6	O Ring (Brig Hsg/Sealplate 64.5mm)	2015-016-024	1
6	O Ring (Brig Hsg/Sealplate 62mm)	2015-016-062	1
7	O Ring (C/Cover 124mm)	2015-016-174	1
	Shaft Nut (M7 LHT)	2019-016-005	1
1	Circlip(17mm)	2020-016-002	4
2	Circlip(13.9mm)	2020-016-003	4
2	Circlip(13.5mm)	2020-016-009	4
	Heat Shield (55.2mm)	2030-016-075	1
	Heat Shield (62.5mm)	2030-016-075B	1
11	Oil Deflector(ID 20.5mm)	2040-016-013	1
11	Oil Deflector(ID 15mm)	2040-016-013B	1
8	Bolt (c/end M6x14)	2050-016-007	6
	Bolt (Seal Plate to B/Hsg M6x16)	2050-016-013	4
9	Bolt, t/end	2050-016-113	8
	Clamps, t/end	2070-016-052	3
	Clamps, c/end	2070-016-077	1
	Clamps, c/end	2070-016-094	1
	Clamps, t/end	2070-016-095	4
4	Clamps, t/end	2070-016-096	5
	Clamps, c/end	2070-016-102	1
10	Clamps, t/end	2070-016-120	3
	Clamps, c/end	2070-016-121	1
	Clamps, c/end	2070-016-103	3

Picture	Jrone Kits No.	Description
	5000-040-019	Repair Kits/Minor Thrust Collar(1400-016-144)/Thrust Bearing(1600-016-144)/Journal Bearing(1700-040-006)/ 64.25mm O Ring.
	5000-040-136	Repair Kits/Minor Thrust Collar(1400-016-130)/Thrust Bearing(1600-016-073)/ Journal Bearing(1700-040-016)/ 62mm & 110mm O Ring / 20.5mm Oil Deflector(2040-016-013)

KKK K27



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-011-005	1
	Thrust Bearing (270 deg)	1600-016-073	1
	Thrust Bearing (360 deg)	1600-016-093	1
	Journal Bearing	1700-040-016	2
1	Piston Ring (t/end19.3mm)	2000-020-142	2
2	Piston Ring (c/end14mm)	2000-020-144	1
3	O Ring (Brg Hsg/Sealplate 64.5mm)	2015-016-024	1
7	O Ring(C/Cover 135mm)	2015-016-009	1
7	O Ring(C/Cover 152mm)	2015-016-019	1
7	O Ring(C/Cover177mm)	2015-016-119	1
	Shaft Nut(M7 LHT)	2019-016-005	1
	Shaft Nut(M7 LHT)	2019-016-005B	1
4	Circlip	2020-016-002	4
10	Heat Shield(81.5mm)	2030-016-013	1
10	Heat Shield(87.5mm)	2030-016-136	1
	Oil Deflector	2040-016-013	1
9	Bolt,c/end (M6×14)	2050-016-007	6
	Bolt (t/end M8×14)	2050-016-011	6
5	Bolt(Seal Plate to B/Hsg M6×16)	2050-016-013	4
8	Bolt (t/end M8×16)	2050-016-022	6
	Clamps, c/end	2070-016-003	4
	Clamps, t/end	2070-016-004	3
6	Actuator Clip (5mm)	2062-020-006	1
	Clamps, t/end	2070-016-058	2
	Clamps, c/end	2070-016-059	2

Picture	Jrone Kits No.	Description
	5000-040-010	Repair Kits/Minor Thrust Bearing with 360/Twin Piston Ring(2000-020-142)/ 64.5mm O Ring
	5000-040-117B	Repair Kits/Major Key Parts are same as 5000-040-010 except additional Bolts and O Ring(135&152mm)
	5000-040-016	Repair Kits/Major Thrust Bearing with 270/Twin Piston Ring(2000-020-142)/64.5mm& 152mm O Ring.

KKK K29/K31



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-102	1
	Thrust Bearing	1600-016-036	1
	Journal Bearing	1700-040-021	2
	Seal Plate	1800-016-060	1
2	Piston Ring (t/end 19.3mm)	2000-020-142	1
3	Piston Ring (c/end 16mm)	2000-020-193	1
4	O Ring (C/Cover 166mm)	2015-016-047	1
6	O Ring (Brg Hsg/Sealplate 60mm)	2015-016-136	1
	Shaft Nut(M8 LHT)	2019-016-008	1
1	Circlip	2020-016-017	4
	Circlip(Seal Plate 72mm)	2020-016-047	1
	Heat Shield(94mm)	2030-016-094	1
5	Bolt(t/end M8x14)	2050-016-005	6
	Bolt(c/end M8x18)	2050-016-051	6
	Clamps, t/end	2070-016-078	3
	Clamps, c/end	2070-016-079	3

Picture	Jrone Kits No.	Description
	5000-040-037	Repair Kits/Minor O Ring (Brg Hsg/Sealplate 60mm)/Circlip(Seal Plate 72mm)

KKK K29/K31



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-102	1
	'Thrust Bearing	1600-016-036	1
	Journal Bearing	1700-040-021	2
	Seal Plate	1800-016-060	1
2	Piston Ring (t/end19.3mm)	2000-020-142	1
3	Piston Ring (c/end16mm)	2000-020-193	1
4	O Ring(C/Cover 166mm)	2015-016-047	1
6	O Ring (Brig Hsg/Sealplate 60mm)	2015-016-136	1
	Shaft Nut(M8 LHT)	2019-016-008	1
1	Circlip	2020-016-017	4
	Circlip(Seal Plate72mm)	2020-016-047	1
	Heat Shield(94mm)	2030-016-094	1
5	Bolt(t/end M8×14)	2050-016-005	6
	Bolt(c/end M8×18)	2050-016-051	6
	Clamps,t/end	2070-016-078	3
	Clamps, c/end	2070-016-079	3

Picture	Jrone Kits No.	Description
	5000-040-025	Repair Kits/Minor Twin Piston Ring(Turbine Side)
	5000-040-026	Repair Kits/Minor M8*14 Bolt(2050-016-005)

KKK K33



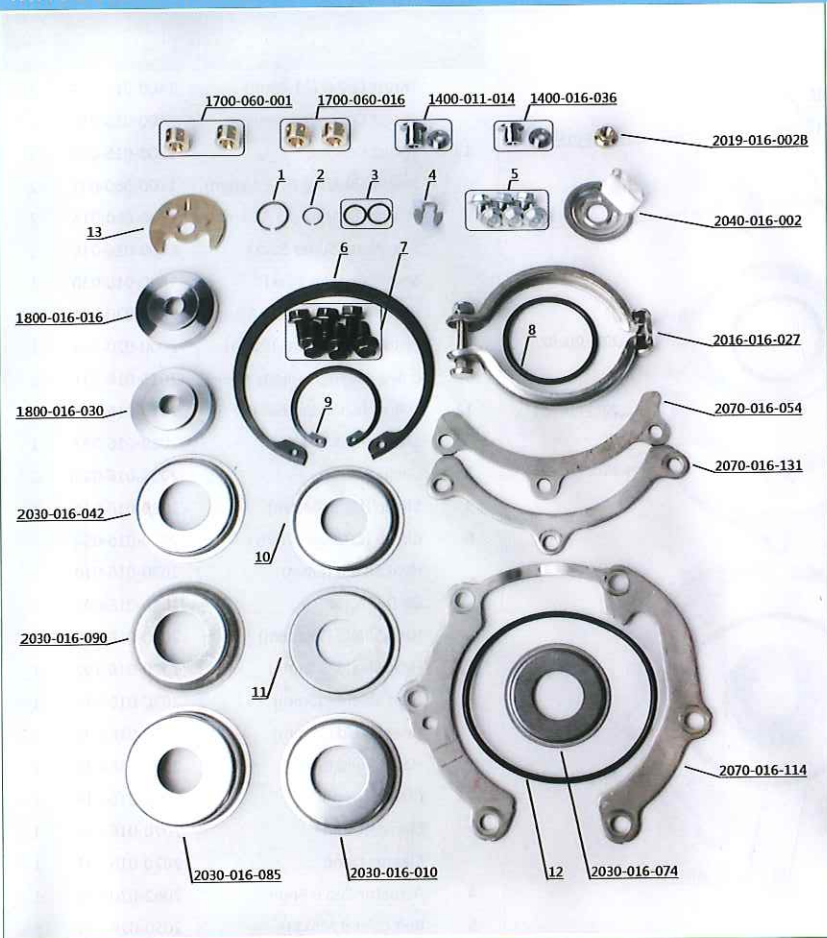
Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-094	1
	Thrust Bearing	1600-016-085	1
	Journal Bearing	1700-040-021	2
	Piston Ring (t/end 19.3mm)	2000-020-142	1
	Piston Ring (c/end 16mm)	2000-020-193	1
	O Ring(212mm)	2015-016-189	1
	O Ring(96mm)	2015-016-195	1
	Shaft Nut (LHT)	2019-016-010	1
	Circlip	2020-016-017	4
	Bolt (t/end M8×14)	2050-016-005	8
	Screw (Seal plate M8×34)	2050-016-050	4
	Bolt (c/end M8×18)	2050-016-051	8
	Clamps, c/end	2070-016-049	4
	Clamps, t/end	2070-016-050	4

Picture	Jrone Kits No.	Description
	5000-040-001	Repair Kits/Minor Sintered Brozen Thrust Bearing with 360/ 1pc 96mm O Ring and 1pc 212mm Oring

MITSUBISHI TD025/TD03

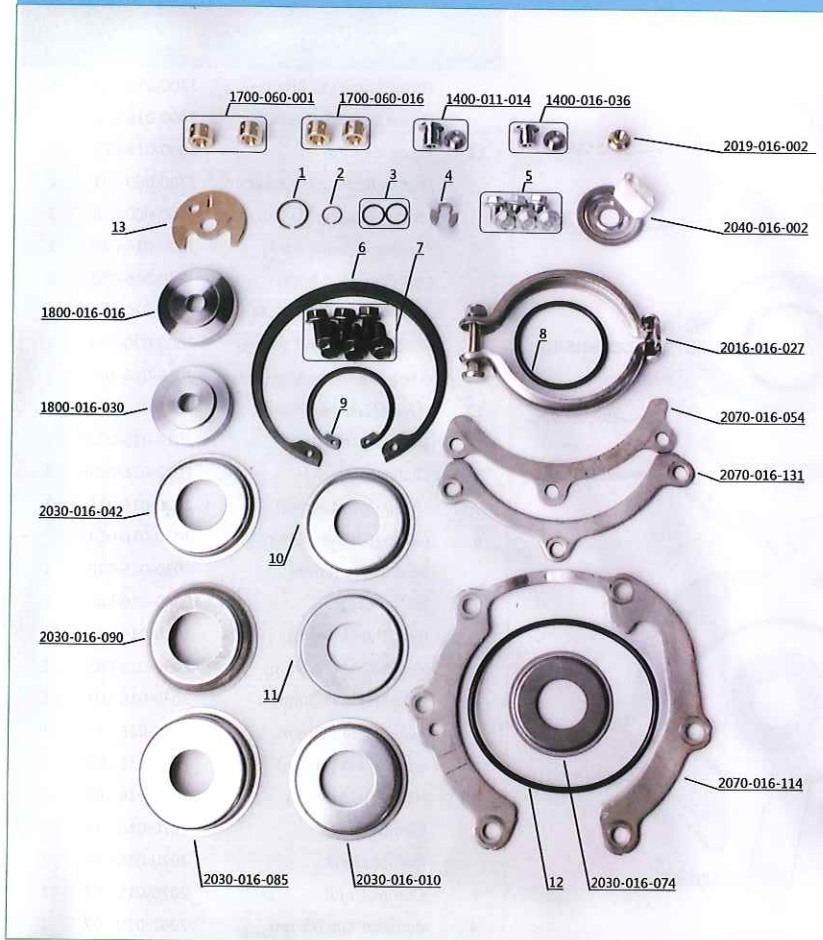

Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar (11.4mm)	1400-016-071	1
	Thrust Collar (9.7mm)	1400-016-072	1
	Thrust Bearing	1600-016-123B	1
	Journal Bearing	1700-060-021	2
	Seal Plate (Flat Back)	1800-016-052	1
	Seal Plate (Super Back)	1800-016-046	1
1	Piston Ring (t/end 12.42mm)	2000-020-260	1
2	Piston Ring (c/end 8mm)	2000-020-208	1
	Actuator Clip (4mm)	2062-020-002	1
7	O Ring (Brg Hsg/Sealplate 40mm)	2015-016-141	1
8	O Ring (C/Cover 61.5mm)	2015-016-186	1
8	O Ring (C/Cover 100mm)	2015-016-124	1
	Shaft Nut (M4 LHT)	2019-016-020	1
4	Circlip (Insert 44mm)	2020-016-014	1
5	Circlip (C/Cover 78mm)	2020-016-029	1
6	Circlip (C/Cover 98mm)	2020-016-025	1
3	Circlip	2020-016-051	2
	Oil Deflector	2040-016-026	1
	Heat Shield (43mm)	2030-016-065	1
9	Heat Shield (38.7mm)	2030-016-106	1
9	Heat Shield (40.4mm)	2030-016-106B	1
	Nut, V band (58mm)	2016-016-004	1
	Bolt (t/end M6x16)	2050-016-014	7
	Bolt (t/end M6x8)	2050-016-067	4
	Clamps ,t/end	2070-016-112	1
	Clamps ,t/end	2070-016-113	1

Picture	Jrone Kits No.	Description
	5000-050-024	Repair Kits/Minor 11.4mm Thrust Colla /O Ring (Brg Hsg/Sealplate 40mm)
	5000-050-029	Repair Kits/Major Key Parts are same as 5000-050-024, and includes additional Seal Plate(for flat back CW)/43mm Heat Shield / Oil Deflector/O Ring (C/Cover 61.5mm)
	5000-050-028	Repair Kits/Major 9.7mm Thrust Collar/Seal Plate(for super back CW)/ 40mm & 61.5mm O Ring/ Oil Deflector

MITSUBISHI TF035


Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar (11.4mm)	1400-011-014	1
	Thrust Collar (9.7mm)	1400-016-036	1
13	Thrust Bearing	1600-016-025	1
	Journal Bearing (ID 7.52mm)	1700-060-001	2
	Journal Bearing (ID 7.02mm)	1700-060-016	2
	Seal Plate (Super Back)	1800-016-016	1
	Seal Plate (Flat Back)	1800-016-030	1
1	Piston Ring (t/end 15.88mm)	2000-020-031	1
2	Piston Ring (c/end 10mm)	2000-020-164	1
8	O Ring (Brg Hsg/Sealplate 40mm)	2015-016-141	1
12	O Ring (C/Cover 76mm)	2015-016-168	1
	Shaft Nut (M5 LHT)	2019-016-002B	1
3	Circlip	2020-016-009B	2
9	Circlip (Insert44mm)	2020-016-014	1
6	Circlip (C/Cover97mm)	2020-016-054	
	Heat Shield (8mm)	2030-016-010	1
	Oil Deflector	2040-016-002	1
	Heat Shield (5mm)	2030-016-042	1
	Heat Shield (12.6mm)	2030-016-085	1
11	Heat Shield (3.3mm)	2030-016-107	1
	Heat Shield (48mm)	2030-016-074	1
	Heat Shield (11mm)	2030-016-090	1
10	Heat Shield (5mm)	2030-016-002	1
	Clamps,t/end	2070-016-114	1
	Clamps,t/end	2070-016-054	1
	Clamps,t/end	2070-016-131	1
4	Actuator Clip 6.8mm	2062-020-007	1
5	Bolt (c/end M5x8)	2050-016-001	6
7	Bolt (t/end M6x12)	2050-016-113	6
	Nut, V band (73mm)	2016-016-027	1

Picture	Jrone Kits No.	Description
	5000-050-003B	Repair Kits/Minor 9.7mm Thrust Collar(1400-016-036)/7.02mm Journal Bearing(1700-060-016)/O Ring (Brg Hsg/Sealplate 40mm)
	5000-050-017	Repair Kits/Major Key Parts are same as 5000-050-003B,and includes additional Seal Plate(for Super Back CW)/O Ring (C/Cover 76mm)

MITSUBISHI TD04


Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar (11.4mm)	1400-011-014	1
	Thrust Collar (9.7mm)	1400-016-036	1
13	Thrust Bearing	1600-016-025	1
	Journal Bearing (ID 7.52mm)	1700-060-001	2
	Journal Bearing (ID 7.02mm)	1700-060-016	2
	Seal Plate (Super Back)	1800-016-016	1
	Seal Plate (Flat Back)	1800-016-030	1
1	Piston Ring (t/end 15.88mm)	2000-020-031	1
2	Piston Ring (c/end 10mm)	2000-020-164	1
8	O Ring (Brg Hsg/Sealplate 40mm)	2015-016-141	1
12	O Ring (C/Cover 76mm)	2015-016-168	1
	Shaft Nut (M5 LHT)	2019-016-002	1
3	Circlip	2020-016-009B	2
9	Circlip (Insert 44mm)	2020-016-014	1
6	Circlip (C/Cover 97mm)	2020-016-054	1
	Heat Shield (8mm)	2030-016-010	1
	Oil Deflector	2040-016-002	1
	Heat Shield (12.6mm)	2030-016-085	1
11	Heat Shield (3.3mm)	2030-016-107	1
	Heat Shield (48mm)	2030-016-074	1
	Heat Shield (11mm)	2030-016-090	1
10	Heat Shield (5mm)	2030-016-002	1
	Clamps, t/end	2070-016-114	1
	Clamps, t/end	2070-016-054	1
	Clamps, t/end	2070-016-131	1
4	Actuator Clip 6.8mm	2062-020-007	1
5	Bolt (c/end M5x8)	2050-016-001	6
7	Bolt (t/end M6x12)	2050-016-113	6
	Nut, V band (73mm)	2016-016-027	1

Picture

Jrone Kits No.

Description



5000-050-004

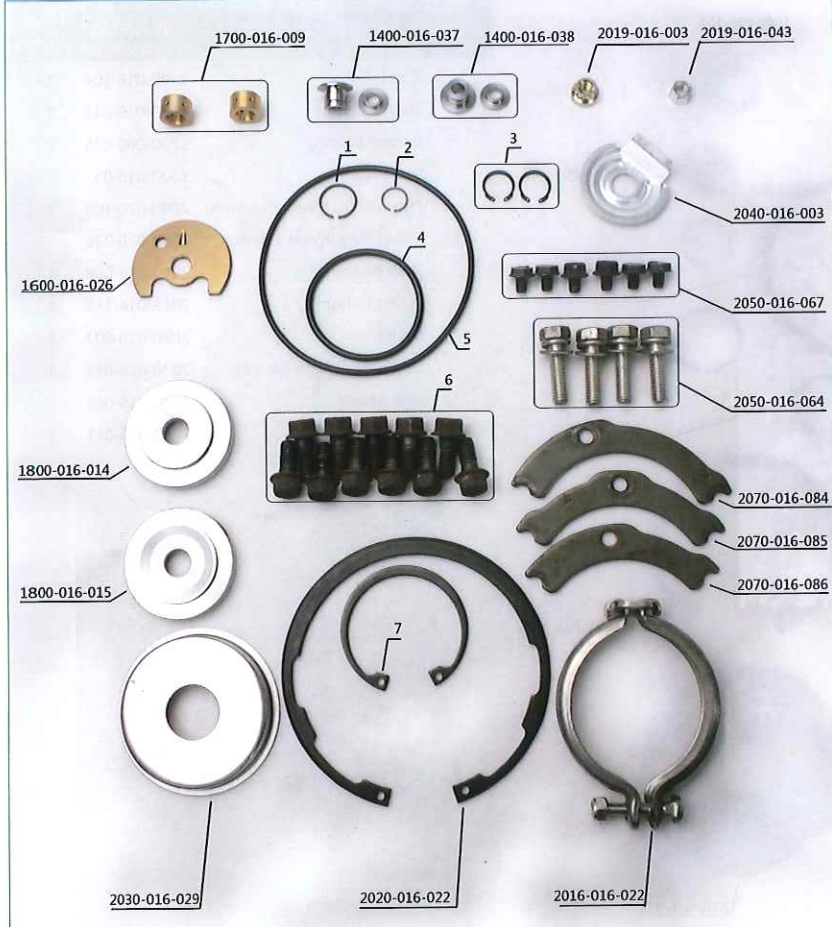
Repair Kits/Major

11.4mm Thrust Collar/ 7.52mm Journal Bearing/ Seal Plate(for Flat Back CW)

5000-050-007

Repair Kits/Minor

9.7mm Thrust Collar/ 7.52mm Journal Bearing/ O Ring (Brg Hsg/Sealplate 40mm)

MITSUBISHI TD05/TD06


Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar (11.4mm)	1400-016-037	1
	Thrust Collar (8.8mm)	1400-016-038	1
	Thrust Bearing	1600-016-026	1
	Journal Bearing	1700-060-009	2
	Seal Plate(Flat Back)	1800-016-014	1
	Seal Plate(Super Back)	1800-016-015	1
1	Piston Ring(t/end 17.5mm)	2000-020-170	1
2	Piston Ring(c/end 12.4mm)	2000-020-181	1
4	O Ring (Brg Hsg/Sealplate 49mm)	2015-016-144	1
5	O Ring(C/Cover 99.5mm)	2015-016-124	1
	Shaft Nut(1/4-28 LHT)	2019-016-003	1
	Shaft Nut(1/4-28 RHT)	2019-016-043	1
3	Circlip	2020-016-010	2
7	Circlip (Insert 55mm)	2020-016-023	1
	Circlip (C/Cover 118mm)	2020-016-022	1
	Oil Deflector	2040-016-003	1
	Heat Shield(73mm)	2030-016-029	1
	Nut, V band(91mm)	2016-016-022	1
	Bolt (t/end M8x26)	2050-016-064	4
	Bolt (t/end M6x8)	2050-016-067	6
6	Bolt (t/end M8x16)	2050-016-072	12
	Clamps,t/end	2070-016-084	1
	Clamps,t/end	2070-016-085	1
	Clamps,t/end	2070-016-086	1

Picture	Jrone Kits No.	Description
	5000-050-015	Repair Kits/Minor 11.4mm Thrust Collar/ LHT Shaft Nut/ Circlip(2020-016-010)
	5000-050-111	Repair Kits/Minor 8.8mm Thrust Collar/ LHT Shaft Nut
	5000-050-018	Repair Kits/Major Key Parts are same as 5000-050-111, and includes additional Seal Plate(for Super Back CW)

MITSUBISHI TF08



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-104	1
	Thrust Bearing	1600-016-041	1
	Journal Bearing	1700-060-026	2
	Seal Plate	1800-016-037	1
	Piston Ring (c/end 15.88mm)	2000-020-109	1
	Piston Ring (t/end 22mm)	2000-020-226	1
	Shaft Nut (LHT)	2019-016-008	1
	O Ring (60mm)	2015-016-176	1
	Circlip	2020-016-007	2
	Circlip (Seal Plate 64mm)	2020-016-031	1
	Heat Shield	2030-016-060	1
	Oil Deflector	2040-016-011	1

Picture

Jrone Kits No.

Description



5000-050-019

Repair Kits/Major

MITSUBISHI TD13

[illegible]

Picture	Jrone Kits No.	Description
	5000-050-026	Repair Kits/Major

SCHWITZER 4LE/4LF



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-047	1
	Thrust Bearing	1600-016-006	1
	Journal Bearing	1700-020-011	2
	Seal Plate (69.8mm)	1800-016-004	1
1	Piston Ring (c/end 22.23mm)	2000-020-053	2
2	Piston Ring (t/end 22.48mm)	2000-020-052	1
	O Ring (64.5mm)	2015-016-024	1
	O Ring (179.7mm)	2015-016-204	1
5	Nut, V band(205mm)	2016-016-025	1
5	Nut, V band(146mm)	2016-016-045	1
	Shaft Nut (7/16-20 RHT)	2019-016-028	1
3	Circlip	2020-016-004	4
4	Circlip (Seal Plate mm)	2020-016-029	1
	Circlip	2020-016-072	1
	Heat Shield	2030-016-143	1
	Oil Deflector	2040-016-037	1

Picture	Jrone Kits No.	Description
	5000-020-111	Repair Kits/Major Thrust Collar with Twin Piston Ring(22.23mm 2000-020-053)

SCHWITZER 4LGZ



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-047	3
3	Thrust Bearing(ID:17.5mm)	1600-016-096	1
3	Thrust Bearing(ID:16.6mm)	1600-016-006	1
	Journal Bearing	1700-020-011	2
	Seal Plate	1800-016-004	1
1	Piston Ring (t/end 22.48mm)	2000-020-052	1
2	Piston Ring (c/end 22.23mm)	2000-020-053	2
	O Ring (Φ64.5mm)	2015-016-015	1
	O Ring (Φ179.7mm)	2015-016-204	1
	Nut, V band(Φ205mm)	2016-016-025	1
	Nut, V band(Φ146mm)	2016-016-045	1
	Shaft Nut (7/16-20 RHT)	2019-016-028	1
	Circlip	2020-016-004	4
	Circlip	2020-016-072	1
4	Circlip (Seal Plate Φ78mm)	2020-016-029	1
	Heat Shield(Φ117.8mm)	2030-016-143	1
	Oil Deflector	2040-016-037	1

Picture	Jrone Kits No.	Description
	5000-020-110	Repair Kits/Minor 17.5mm Thrust Bearing

2000-020-053

1400-016-105

1600-016-062

1700-020-007

[illegible]

Picture	Jrone Kits No.	Description
	5000-020-007	Repair Kits/Minor

SCHWITZER B1G



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-151	1
	Thrust Bearing	1600-016-137	1
	Journal Bearing	1700-030-053	2
	Seal Plate (38mm)	1800-016-075	1
	Bearing spacer(16.4mm)	1915-016-001	1
	Piston Ring (c/end 11.11mm)	2000-020-092	2
2	Piston Ring (t/end 15.88mm)	2000-020-109	1
1	O Ring (Ø35mm)	2015-016-017B	1
	Nut, V band(146mm)	2016-016-045	1
4	Nut, V band(93mm)	2016-016-051	1
	Shaft Nut (M6×1 LHT)	2019-016-001	1
3	Circlip (Seal Plate 42mm)	2020-016-055	1
	Heat Shield (66.2mm)	2030-016-099	1
	Actuator Clip	2062-020-007	1

Picture	Jrone Kits No.	Description
	5000-030-124	Repair Kits/Minor Thrust Collar with twin Piston Ring/ Sintered Iron Thrust Bearing with 270

SCHWITZER B2/B2V



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-125	1
	Thrust Bearing	1600-016-079C	1
	Thrust Bearing	1600-016-133	2
	Journal Bearing	1700-030-049	2
4	Seal Plate (Φ53.9mm)	1800-016-062	1
4	Seal Plate (Φ54.9mm)	1800-016-062B	1
	Bearing spacer(22.85mm)	1915-016-075	2
2	Piston Ring (t/end 20*1.48mm)	2000-020-122	1
	Piston Ring (c/end 16mm)	2000-020-123	2
1	Piston Ring (t/end 20*1.39mm)	2000-020-269	2
5	O Ring (Ø48.5mm)	2015-016-036	1
5	O Ring (Ø156mm)	2015-016-191	1
6	Nut, V band(Φ184mm)	2016-016-044	1
6	Nut, V band(Φ109mm)	2016-016-052	1
6	Nut, V band(Φ176mm)	2016-016-030	1
6	Nut, V band(Φ196mm)	2016-016-048	1
	Shaft Nut (M7×1 LHT)	2019-016-005	1
3	Circlip (Seal Plate 58.6mm)	2020-016-058B	1
	Heat Shield (Φ83.3mm)	2030-016-105	1
	Heat Shield (Φ67.4mm)	2030-016-147	1
	Actuator Clip(Φ5mm)	2062-020-004	1
	Actuator Clip(Φ6.8mm)	2062-020-007	1

Picture	Jrone Kits No.	Description
	5000-030-125	Repair Kits/Minor For B2 Thrust Collar with twin ring/ Thrust Bearing 1600-016-079C/Piston Ring Tside(2000-020-122)
	5000-030-126	Repair Kits/Major For B2V Thrust Collar with twin ring/ Thrust Bearing 1600-016-133/Piston Ring Tside(2000-020-269)

SCHWITZER S2A



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-059	1
	Thrust Bearing	1600-016-049	1
	Journal Bearing	1700-030-018	2
	Seal Plate(53.9mm)	1800-016-076	1
3	Piston Ring (c/end 12.7mm)	2000-020-002	1
2	Piston Ring (t/end 18.03mm)	2000-020-009	1
	O Ring (48.5mm)	2015-016-036	1
	O Ring (127mm)	2015-016-157	1
4	Nut, V band (Φ103mm)	2016-016-053	1
	Shaft Nut (1/4-28 LHT)	2019-016-003	1
	Shaft Nut (1/4-28 RHT)	2019-016-016	1
	Circlip	2020-016-002	4
1	Circlip (Seal Plate 58.6mm)	2020-016-058B	1
	Circlip (c/end 138mm)	2020-016-048	1
	Heat Shield (76.4mm)	2030-016-153	1
	Oil Deflector	2040-016-009	1

Picture	Jrone Kits No.	Description
	5000-030-109	Repair Kits/Minor 1pc 48.5mm O Ring and 1pc 157mm O Ring.

SCHWITZER S2B



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-051	1
	Thrust Bearing(copper)	1600-016-132	1
	Journal Bearing	1700-030-027	2
	Seal Plate	1800-016-020	1
1	Piston Ring (t/end 19.3mm)	2000-020-101	1
2	Piston Ring (c/end 12.7mm)	2000-020-002	1
3	O Ring (48.5mm)	2015-016-036	1
4	O Ring (120mm)	2015-016-111	1
	Shaft Nut (LHT)	2019-016-0058	1
5	Circlip (19.3mm)	2020-016-006	4
	Circlip (Seal Plate 58.6mm)	2020-016-0588	1
	Circlip (c/end 138mm)	2020-016-048	1
	Heat Shield	2030-016-078	1
	Oil Deflector	2040-016-009	1
	Bolt (t/end M8x12)	2050-016-004	4
	Clamps	2070-016-032	2

Picture	Jrone Kits No.	Description
	5000-030-002	Repair Kits/Minor 48.5mm Oring(2015-016-036)/19.3mm Circlip(2020-016-006)
	5000-030-023	Repair Kits/Major Seal Plate/Both Oring 48.5mm(2015-016-036) and 120mm(2015-016-111)

SCHWITZER S2E/S2EGL



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(Twin Piston Ring)	1400-016-125	1
	Thrust Collar	1400-016-051	1
	Thrust Bearing(360 Degree)	1600-016-064B	1
	Thrust Bearing(270 Degree)	1600-016-133	1
	Journal Bearing(17.88)	1700-030-044	2
	Journal Bearing(18.06)	1700-030-049	2
	Seal Plate (53.9*12.7*14.1mm)	1800-016-020	1
	Seal Plate (53.9*16*12.5mm)	1800-016-062	1
	Bearing Spacer	1915-016-075	1
2	Piston Ring (c/end 12.7mm)	2000-020-002	1
	Piston Ring(c/end 16mm)	2000-020-123	
1	Piston Ring (t/end 19.3mm)	2000-020-101	1
	Piston Ring (t/end 20mm)	2000-020-269	
	O Ring (48.5mm)	2015-016-036	1
	Shaft Nut (M7×1.0 LHT)	2019-016-005B	1
	Circlip	2020-016-006	4
3	Circlip (Seal Plate 58.6mm)	2020-016-058B	1
	Circlip (17.75mm)	2020-016-069	1
	Heat Shield (82mm)	2030-016-078	1
	Oil Deflector	2040-016-009	1
4	Bolt (t/end M8×12)	2050-016-004	4
	Bolt (c/end M6×8)	2050-016-106	6
	Clamps, c/end	2070-016-003	1
	Clamps, t/end	2070-016-032	2

Picture	Jrone Kits No.	Description
	5000-030-022	Repair Kits/Major For S2E Thrust Collar with Twin Ring/18.06 mm Journal Bearing/ Seal Plate(1800-016-020)/16mm Piston Ring(C end) /20mm Piston Ring(T end)
	5000-030-122	Repair Kits/Major For S2EGL Thrust Collar / 17.88Journal Bearing/ Seal Plate(1800-016-020)/12.7mm Piston Ring (C end) / 19.3mm Piston Ring(T end)

SCHWITZER S3A



Key	Parts Description	Jrone No.	Q'ty/ Turbo
1	Thrust Collar	1400-016-052	1
	Thrust Bearing	1600-016-050	1
	Journal Bearing	1700-030-031	1
	Seal Plate	1800-016-074	1
2	Piston Ring (t/end 25.4mm)	2000-020-107	1
2	Piston Ring (c/end 15.88mm)	2000-020-109	1
	O Ring (64.5mm)	2015-016-024	1
	O Ring (152mm)	2015-016-018	1
4	Nut, V band (118mm)	2016-016-001	1
4	Nut, V band (184mm)	2016-016-044	1
	Shaft Nut (5/16-24 LHT)	2019-016-015	1
3	Circlip (Seal Plate 78mm)	2020-016-029	1
	Circlip	2020-016-071	1
	Heat Shield(Φ94.7mm)	2030-016-012	1
	Heat Shield(Φ93.4mm)	2030-016-077	1
	Oil Deflector	2040-016-008	1

Picture	Jrone Kits No.	Description
	5000-030-010	Repair Kits/Minor Thrust Bearing with 360/64.5mm Oring(2015-016-024)

SCHWITZER S3B



Key	Parts Description	Jrone No.	Q'ty/ Turbo
1	Thrust Collar	1400-016-052	1
	Thrust Bearing	1600-016-050C	1
	Journal Bearing	1700-030-034	2
	Seal Plate(69.9mm)	1800-016-074	1
	Piston Ring (t/end 25.4mm)	2000-020-107	1
	Piston Ring (c/end 15.88mm)	2000-020-109	1
	O Ring (64.5mm)	2015-016-024	1
	Nut, V band (Φ118mm)	2016-016-001	1
	Nut, V band (Φ184mm)	2016-016-044	1
	Shaft Nut (5/16-24 LHT)	2019-016-015	1
	Circlip	2020-016-007	4
	Circlip (Seal Plate 78mm)	2020-016-029	1
2	Heat Shield (Φ93.4mm)	2030-016-077	1
	Oil Deflector	2040-016-008	1
	Actuator Clip	2062-020-007	1

Picture	Jrone Kits No.	Description
	5000-030-019	Repair Kits/Minor Sintered Iron Thrust Bearing with 360/Circlip (2020-016-007)

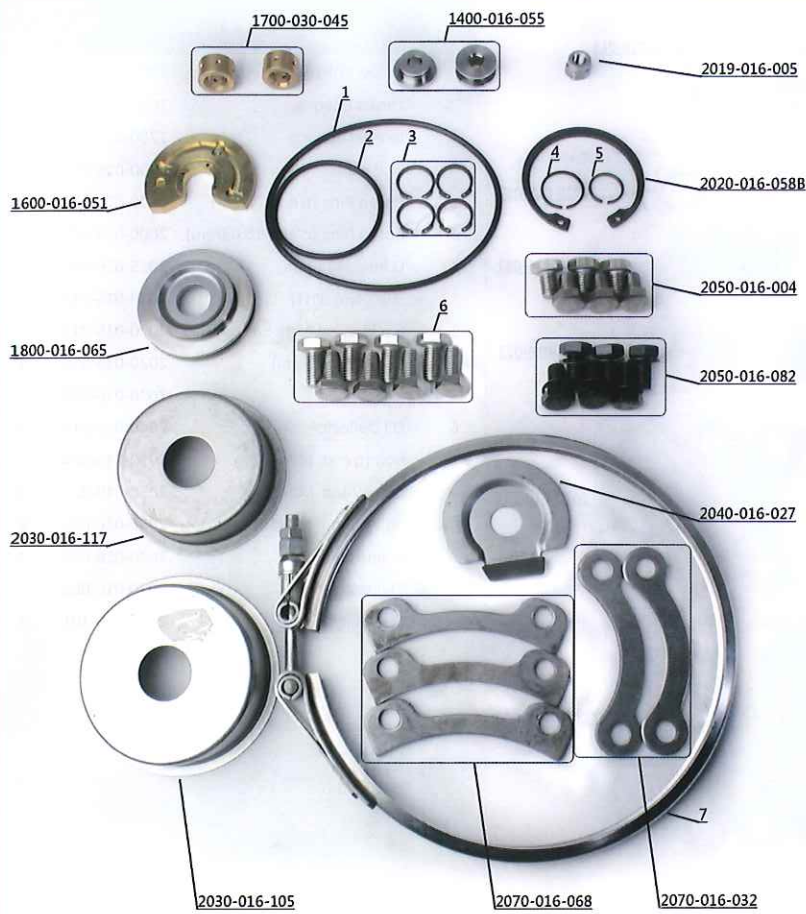
SCHWITZER S1B/S100



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-060	1
	Thrust Bearing (iron)	1600-016-094	1
	Journal Bearing	1700-030-014	2
	Seal Plate	1800-016-064	1
3	Piston Ring (c/end 11.11mm)	2000-020-092	1
2	Piston Ring (t/end 15.88mm)	2000-020-109	1
5	O Ring (35mm)	2015-016-017	1
1	O Ring (89mm)	2015-016-104	1
	Shaft Nut (M6 LHT)	2019-016-001	1
	Shaft Nut (M5 LHT)	2019-016-002	1
	Circlip (42mm)	2020-016-055	1
4	Circlip (15.5mm)	2020-016-056	1
	Circlip (110mm)	2020-016-057	1
	Heat Shield	2030-016-099	1
	Oil Deflector	2040-016-028	1
	Bolt (M8x10)	2050-016-044	7
	Clamps,t/end	2070-016-041	1
	Clamps,c/end	2070-016-042	2

Picture	Jrone Kits No.	Description
	5000-030-016	Repair Kits/Minor Sintered Bronze Thrust Bearing with 270/ 35mm Oring(2015-016-017)

SCHWITZER S200



Key	Parts Description	Irone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-055	1
	Thrust Bearing	1600-016-051	1
	Journal Bearing	1700-030-045	2
	Seal Plate	1800-016-065	1
4	Piston Ring (t/end 20mm)	2000-020-122	1
5	Piston Ring (c/end 16mm)	2000-020-123	1
2	O Ring (48.5mm)	2015-016-036	1
1	O Ring (120mm)	2015-016-111	1
7	Nut, V band (184mm)	2016-016-044	1
	Shaft Nut	2019-016-005	1
3	Circlip (19.3mm)	2020-016-006	4
	Circlip (Seal Plate 58.6mm)	2020-016-058B	1
	Heat Shield (83.3mm)	2030-016-105	1
	Heat Shield (74mm)	2030-016-117	1
	Oil Deflector	2040-016-027	1
	Bolt (c/end M8×12)	2050-016-082	6
6	Bolt (t/end M6×10)	2050-016-002	8
	Bolt (t/end M8×12)	2050-016-004	6
6	Bolt (t/end M8×16)	2050-016-022	4
	Clamps	2070-016-032	2
	Clamps	2070-016-068	3

Picture	Irone Kits No.	Description
	5000-030-021	Repair Kits/Minor
	5000-030-030	Repair Kits/Major Key Parts are same as 5000-030-021, and includes additional Seal Plate/Heat Shield /Oil Deflector/ M8*12 Bolts

SCHWITZER S300/S300G



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-056	1
	Thrust Bearing	1600-016-079B	1
	Journal Bearing	1700-030-047	2
	Seal Plate	1800-016-034	1
2	Piston Ring (t/end 22mm)	2000-020-124	1
3	Piston Ring (c/end 18.03mm)	2000-020-125	1
4	O Ring (48.5mm)	2015-016-036	1
	Shaft Nut (LHT)	2019-016-013	1
1	Circlip (Seal Plate 58mm)	2020-016-012	1
	Circlip (20.15mm)	2020-016-017	4
	Heat Shield	2030-016-087	1
6	Oil Deflector	2040-016-014	1
5	Bolt (t/end M8×12)	2050-016-004	4
	Bolt (t/end M8×16)	2050-016-022	6
	Bolt (c/end M8×12)	2050-016-082	8
	Clamps,c/end	2070-016-060	4
	Clamps,t/end	2070-016-061	2
	Clamps,t/end	2070-016-101	3

Picture	Jrone Kits No.	Description
	5000-030-018	Repair Kits/Minor Copper Bar Thrust Bearing with 270/Circlip (20.15mm)

SCHWITZER S400/S410



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-057	1
	Thrust Bearing	1600-011-002	1
	Journal Bearing	1700-030-041	2
	Seal Plate	1800-016-027	1
1	Piston Ring (t/end 26mm)	2000-020-126	1
2	Piston Ring (c/end 22mm)	2000-020-127	1
4	O Ring (153mm)	2015-016-008	1
4	O Ring (180mm)	2015-016-204	1
3	O Ring (65mm)	2015-016-015	1
5	Nut, V band (212mm)	2016-016-002	1
5	Nut, V band (184mm)	2016-016-044	1
5	Nut, V band (118mm)	2016-016-001	1
	Shaft Nut (LHT)	2019-016-038	1
	Circlip	2020-016-004	4
	Circlip (Seal Plate 78mm)	2020-016-029	1
	Heat Shield (Φ94.7)	2030-016-012	1
	Oil Deflector	2040-016-016	1

Picture	Jrone Kits No.	Description
	5000-030-020	Repair Kits/Minor Copper Bar Thrust Bearing with 270/Circlip (2020-016-004)

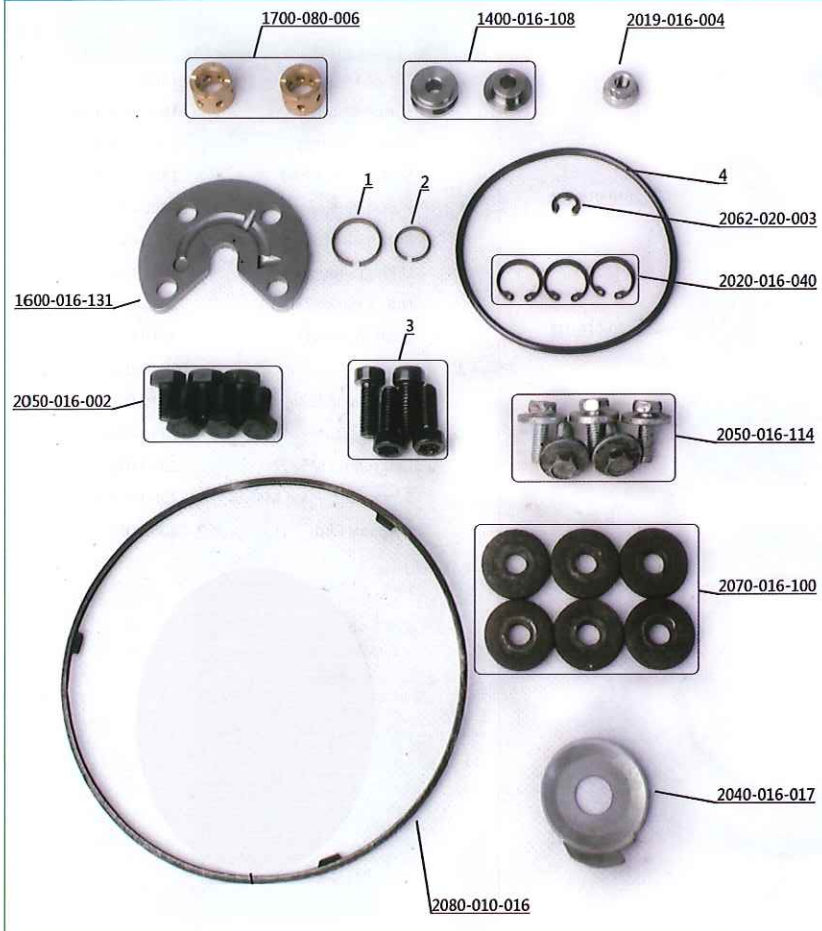
SCHWITZER S4DS



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-148	1
	Thrust Bearing	1600-016-006	1
	Journal Bearing	1700-030-035	2
	Seal Plate (69.8mm)	1800-016-004	1
2	Piston Ring (c/end 22.23mm)	2000-020-053	1
1	Piston Ring (t/end 25.41mm)	2000-020-107	1
3	O Ring (64.5mm)	2015-016-024	1
4	Nut, V band(205mm)	2016-016-025	1
4	Nut, V band(146mm)	2016-016-045	1
	Shaft Nut (3/8-24 RHT)	2019-016-051	1
	Circlip (Seal Plate 78mm)	2020-016-029	1
	Circlip	2020-016-049	4
	Circlip	2020-016-068	2
	Heat Shield (118.2mm)	2030-016-142	1
	Oil Deflector	2040-016-037	1

Picture	Jrone Kits No.	Description
	5000-030-123	Repair Kits/Major Sintered Brozen Thrust Bearing with 360/205mm V Band(2016-016-025).

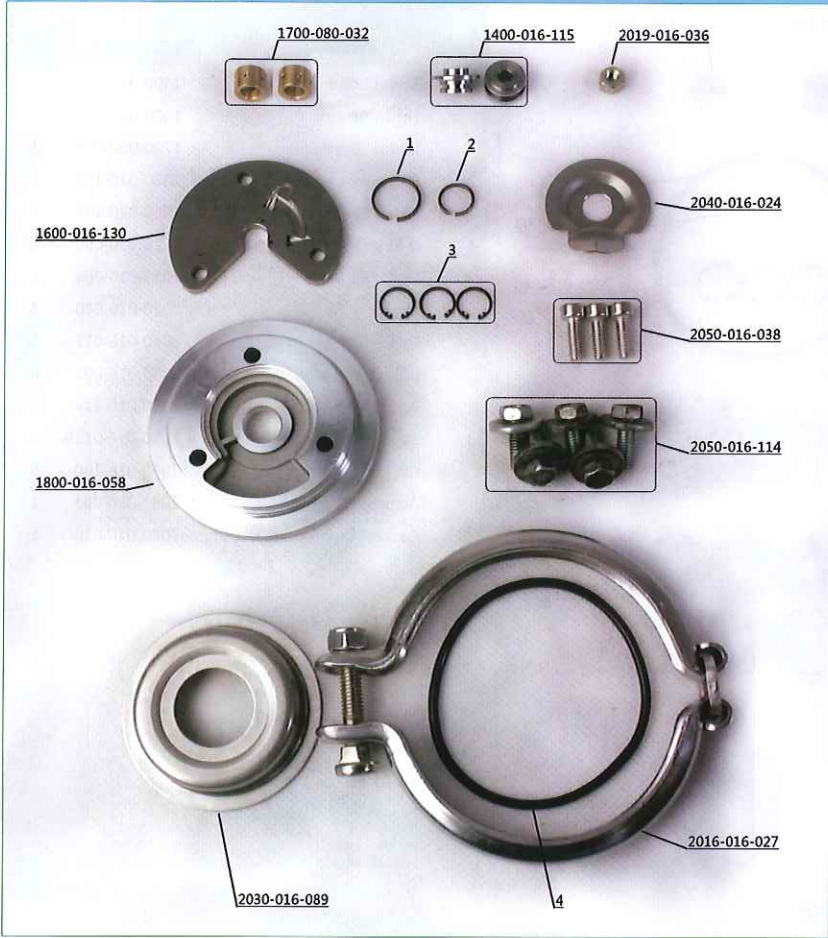
TOYOTA CT VNT/VGT



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-108	1
	Thrust Bearing	1600-016-131	1
	Journal Bearing	1700-080-006	2
1	Piston Ring (t/end 15.4mm)	2000-020-195	1
2	Piston Ring (c/end 11mm)	2000-020-196	1
4	O Ring (63mm)	2015-016-006	1
	Shaft Nut (LHT)	2019-016-004	1
	Circlip	2020-016-040	4
	Oil Deflector	2040-016-017	1
	Bolt (t/end M6×10)	2050-016-002	6
	Bolt (c/end M5×12)	2050-016-114	5
3	Screw (Seal Plate M6×16)	2050-016-013B	4
	Clamps	2070-016-100	6
	Actuator Clip	2062-020-003	1
	Gasket Steel Turbine Housing	2080-010-016	1

Picture	Jrone Kits No.	Description
	5000-070-022	Repair Kits/Minor Sintered Iron Thrust Bearing with 270
	5000-070-105	Repair Kits/Major Key Parts are same as 5000-070-022, and includes additional Oil Deflector and Screw (Seal Plate M6×16)

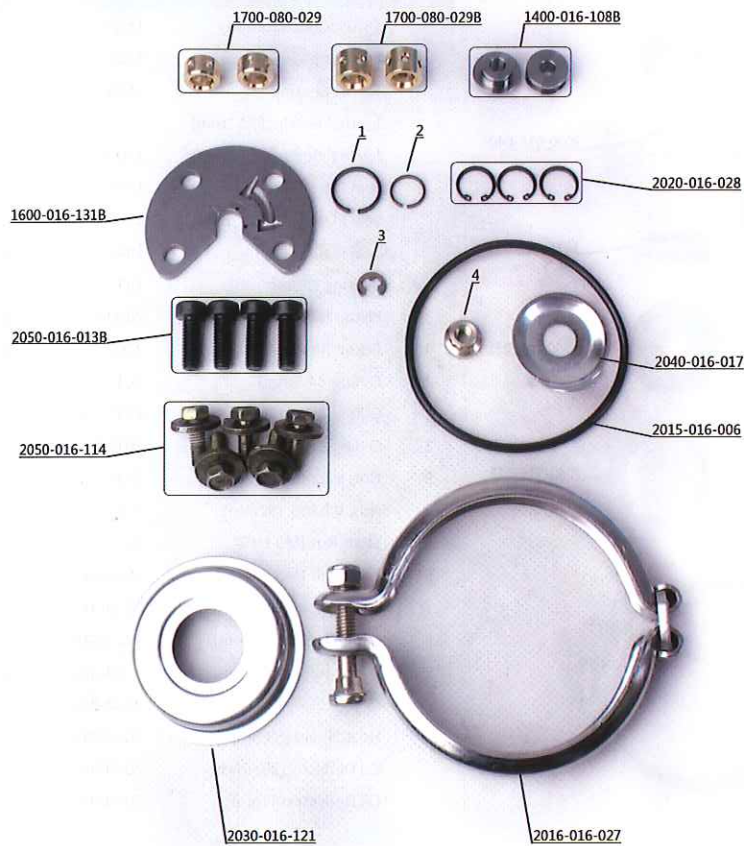
TOYOTA CT9



Key	Parts Description	Irone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-115	1
	Thrust Bearing	1600-016-130	1
	Journal Bearing	1700-080-032	2
	Seal Plate(63mm)	1800-016-058	1
1	Piston Ring(c/end 10mm)	2000-020-267	1
2	Piston Ring(t/end 13.42mm)	2000-020-268	1
4	O Ring(54mm)	2015-016-181	1
	Nut, V band (73mm)	2016-016-027	1
	Shaft Nut (LHT)	2019-016-036	1
3	Circlip	2020-016-045	3
	Heat Shield (52mm)	2030-016-089	1
	Oil Deflector	2040-016-024	1
	Bolt (c/end M5x12)	2050-016-114	5
	Screw (Seal Plate M4x14)	2050-016-038	3
	Actuator Clip	2062-020-059	1

Picture	Irone Kits No.	Description
	5000-070-016	Repair Kits/Minor Sintered Iron Thrust Bearing with 270
	5000-070-104	Repair Kits/Major Key Parts are same as 5000-070-016, and includes additional Oil Deflector/Screw (Seal Plate M4x14)/Actuator Clip(2062-020-059)

TOYOTA CT10



Key	Parts Description	Irone No.	Q'ty/ Turbo
	Thrust Collar	1400-016-108B	1
	Thrust Bearing	1600-016-131B	1
	Journal Bearing(7mm)	1700-080-029	2
	Journal Bearing(9mm)	1700-080-029B	2
1	Piston Ring(t/end 15.4mm)	2000-020-195	1
2	Piston Ring(c/end 11mm)	2000-020-196	1
	O Ring(63mm)	2015-016-006	1
	Nut, V band (73mm)	2016-016-027	1
4	Shaft Nut (LHT)	2019-016-004	1
	Circlip	2020-016-028	3
	Heat Shield (52mm)	2030-016-121	1
	Oil Deflector	2040-016-017	1
	Bolt (c/end M5x12)	2050-016-114	5
	Screw (Seal Plate M6x16)	2050-016-113B	4
3	Actuator Clip	2062-020-003	1

Picture	Irone Kits No.	Description
	5000-070-023	Repair Kits/Minor 7mm Journal Bearing
	5000-070-023B	Repair Kits/Minor 9mm Journal Bearing
	5000-070-026	Repair Kits/Major Both 7mm and 9mm Journal Bearing/Screw (Seal Plate M6x16)

TOYOTA CT12/CT12A/CT12C/CT12D



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(5.1mm)	1400-016-064	1
	Thrust Collar(5.7mm)	1400-016-065	1
	Thrust Bearing	1600-016-031	1
	Journal Bearing(7.51mm)	1700-080-001	2
	Journal Bearing(8.53mm)	1700-080-006	2
	Seal Plate (45mm)	1800-016-017	1
	Seal Plate (44.90mm)	1800-016-023	1
	Seal Plate (45mm)	1800-016-069	1
	Bearing spacer	1915-016-033	1
3	Piston Ring(t/end 15.4mm)	2000-020-195	1
4	Piston Ring(c/end 11mm)	2000-020-196	1
2	O Ring(44.5mm)	2015-016-121	1
1	O Ring(86mm)	2015-016-122	1
1	O Ring(96mm)	2015-016-195	1
9	Nut, V band	2016-016-042	1
9	Nut, V band (92mm)	2016-016-026	1
5	Shaft Nut (M5 LHT)	2019-016-004	1
6	Shaft Nut (M5.5 LHT)	2019-016-030	1
7	Circlip (Seal Plate 48mm)	2020-016-038	1
8	Circlip (c/end 121mm)	2020-016-039	1
8	Circlip (c/end 102mm)	2020-016-044	1
	Circlip	2020-016-040	3
	Heat Shield (59.3mm)	2030-016-114	1
	Oil Deflector(39.9mm)	2040-016-031	1
	Oil Deflector(42mm)	2040-016-032	1

Picture	Jrone Kits No.	Description
	5000-070-001	Repair Kits/Minor 5.1mm Thrust Collar/7.51mm Journal Bearing/44.5mm O Ring /Shaft Nut M5 LHT
	5000-070-003	Repair Kits/Major 5.7mm Thrust Collar/ 8.53mm Journal Bearing/ 44.9mm Seal Plate/ Both O ring 44.5mm and 88.6mm /Shaft Nut M5.5 LHT"
	5000-070-017	Repair Kits/Minor 5.7mm Thrust Collar/8.53mm Journal Bearing/O ring 44.5mm/ Shaft Nut (M5 LHT)
	5000-070-109	Repair Kits/Major 5.7mm Thrust Collar/8.53mm Journal Bearing/45mm Seal Plate/ Both O ring 44.5mm(2015-016-121) and 88.6mm (2015-016-122)/ 42mm Oil Deflector.

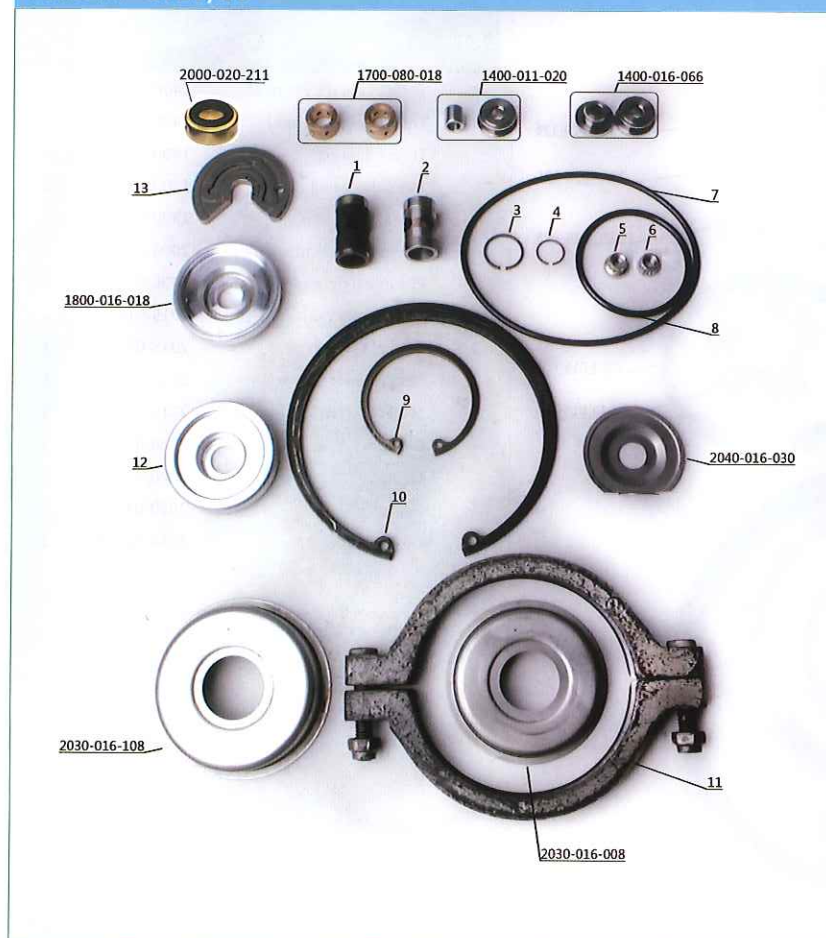
TOYOTA CT12B



Key	Parts Description	Jrone No.	Q'ty/ Turbo
3	Thrust Collar(5.7mm)	1400-016-098	1
3	Thrust Collar(5.1mm)	1400-016-099	1
	Thrust Bearing	1600-016-086	1
	Journal Bearing	1700-080-012	2
	Seal Plate	1800-016-028	1
	Piston Ring(t/end 15.4mm)	2000-020-195	1
	Piston Ring(c/end 11mm)	2000-020-196	1
1	O Ring(99.5mm)	2015-016-124	1
2	O Ring(49mm)	2015-016-144	1
	Nut, V band (92mm)	2016-016-026	1
	Shaft Nut (LHT)	2019-016-004	1
	Circlip	2020-016-028	3
	Circlip	2020-016-058	1
	Circlip	2020-016-039	1
	Oil Deflector	2040-016-001	1

Picture	Jrone Kits No.	Description
	5000-070-018	Repair Kits/Minor 5.1mm Thrust Collar/ 99.5mm Oring
	5000-070-006	Repair Kits/Major 5.7mm Thrust Collar

TOYOTA CT20/26



Key	Parts Description	Jrone No.	Q'ty/ Turbo
	Thrust Collar(fit carbon seal)	1400-011-020	1
	Thrust Collar	1400-016-066	1
	Thrust Bearing	1600-016-104	1
	Journal Bearing	1700-080-018	2
12	Seal Plate (6mm)Match with Carbon Seal	1800-016-018B	1
12	Seal Plate (7.5mm)Match with Carbon Seal	1800-016-036	1
13	Seal Plate (6mm)	1800-016-018	1
13	Seal Plate (7.5mm)	1800-016-036B	1
2	Bearing spacer (26.3mm)	1915-016-034	1
1	Bearing spacer (30.8mm)	1915-016-083	1
3	Piston Ring(t/end 18mm)	2000-020-198	1
4	Piston Ring(c/end 12.65mm)	2000-020-199	1
	Carbon Seal	2000-020-211	1
7	O Ring(99.5mm)	2015-016-124	1
8	O Ring(48mm)	2015-016-123	1
7	O Ring(124mm)	2015-016-174	1
11	Nut, V band (110mm)	2016-016-039	1
11	Nut, V band 104mm)	2016-016-040	1
5	Shaft Nut (LHT)	2019-016-001	1
6	Shaft Nut (LHT)	2019-016-001	1
9	Circlip (55mm)	2020-016-023	1
10	Circlip (143mm)	2020-016-062	1
	Heat Shield (67.5mm)	2030-016-008	1
	Heat Shield (75mm)	2030-016-108	1
	Oil Deflector	2040-016-030	1

Picture	Jrone Kits No.	Description
	5000-070-011B	Repair Kits/Minor Thrust Collar (1400-011-020) match with Carbon Seal(2000-020-211)/ 48mm O-ring
	5000-070-008	Repair Kits/Major Key Parts are same as 5000-070-011B, and includes addition 6mm Seal Plate/ 26.3mm Bearing Space/ 99.5mm O ring / 67.5mm Heat Shield.
	5000-070-111	Repair Kits/Major Thrust Collar (1400-011-020) match with Carbon Seal(2000-020-211)/ 7.5mm Seal Plate/ 26.3mm Bearing Spacer/ 48mm O ring/ 67.5mm Heat Shield.
	5000-070-015	Repair Kits/Minor Thrust Collar(1400-016-066) / 6mm Seal Plate/ O ring(48mm&99.5mm&124mm).

TOYOTA CT20/26

Picture	Jrone Kits No.	Description
	5000-070-106	Repair Kits/Major Thrust Collar(1400-016-066)/ 30.8mm Bearing spacer/ 48mm &124mm O ring / 55mm Circlip.

