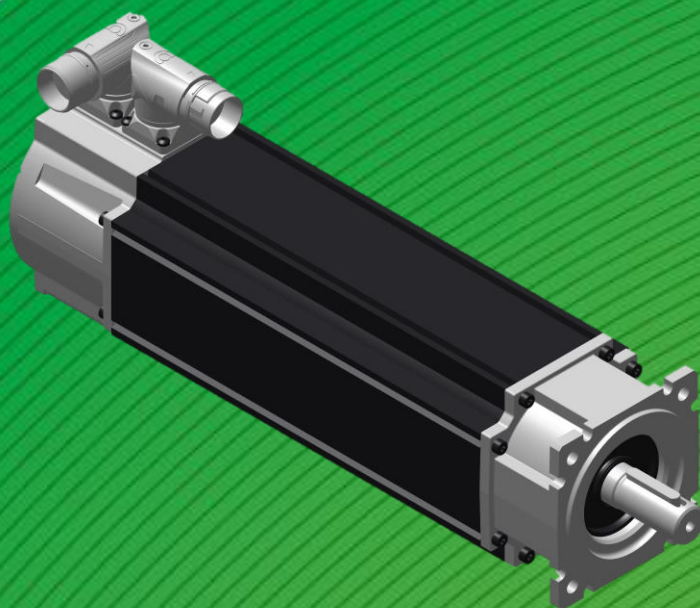


**CONTROL TECHNIQUES
DYNAMICS**



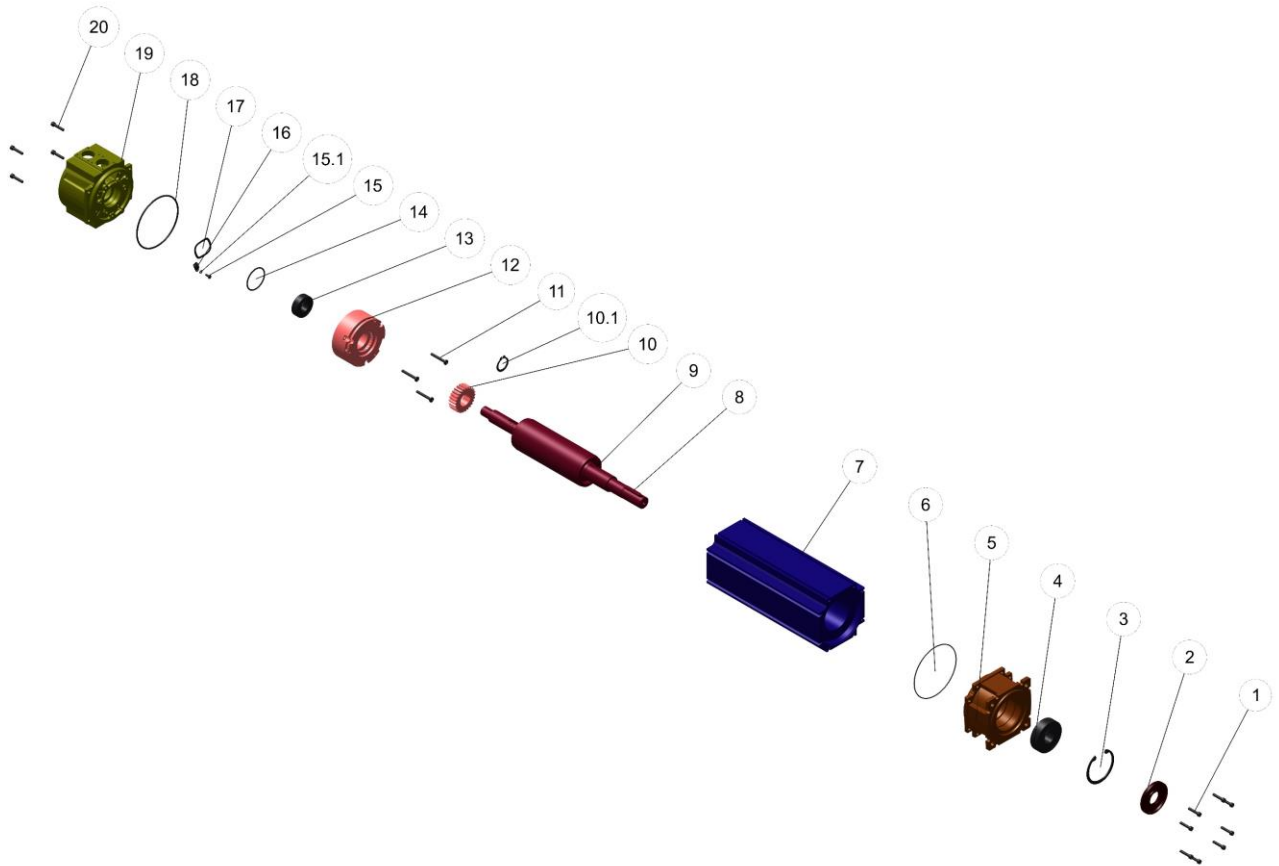
ARCoE – Aftersales Sheet

095fm



SERVO MOTOR - 095fm

1



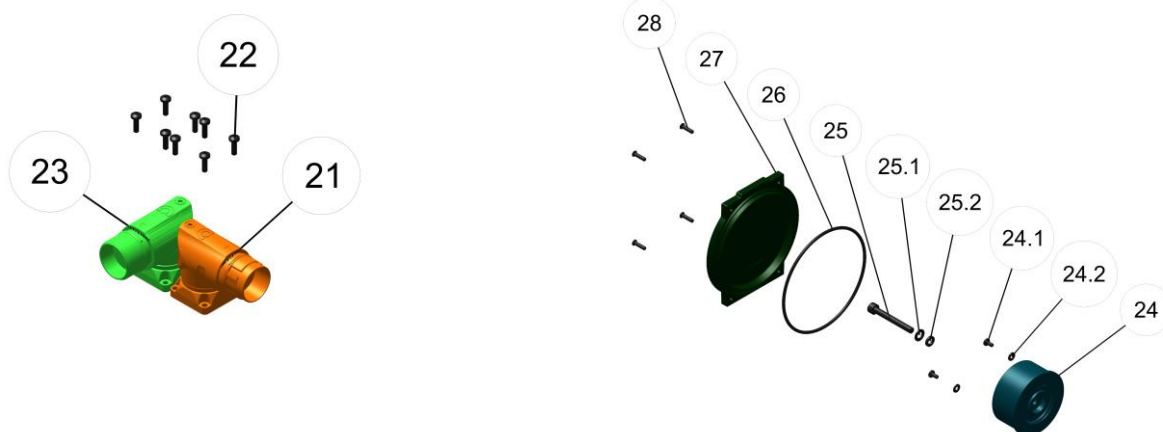
Components

*see kit list

Tag	Torque	Item	Description	Qty	Toll
1	2.7 Nm	1000000724	6166725 > SCREW M4 x 20 CAP TORX TT SELF COLOURED (BLACK)	8	T20
2		1000317040	6620922 > LIPSEAL 20x52x6 VITON+SPRING	1	
3		1000308271	6542530 > CIRCLIP BEVELLED N1302 0206	1	
4		1000317043	6525326 > BEARING SS 52x20x15 6304ZZ-TOLE-C3 LUG23	1	
5		1000309679	IM/0182/MC > END FRAME FRONT EXT 95 PCD100	1	
6		1000313993	6623786 > O RING 86X1.5 N70 (95U2)	6	
7		095U3----100190/RA*	... ROTOR 095...	1	
8		1000001873	IM/0045/MC/03 > KEY OUTPUT 6X6X32	1	
9		095U3-----/HSA*	095 HOUSING ...	1	
10		1000001581	IM/0019/MI/02 > BRAKE HUB 95 UM SL U2	1	
11	2.5 Nm	1000308522	6110029 > SCREW M4X30 PAN TORX TT	3	T20
12		1000311987	6461344 > BRAKE 12.2Nm FAILSAFE	1	
13		1000317763	6540732 > EXTERNAL CIRCLIP STL DIA 20MM	1	
		4373111	SINGLE ROW DEEP GROOVE CAPPED BALL-BEARING "ZZ" TYPE: 6202 - CAGE:M.SHEET - CL.: C3 - GREASE:LUG23	1	
14		1000313324	6623832 > O RING 34X2 NITRYLE 70 SHORE	1	
15	1.0 Nm	1000024035	6161529 > SCREW M3X8 PAN TORX TT	1	T10
15.1		1000026472	6553567 > WASHER M3 HELICAL SPRING LOCK	1	
16		1000001405	IM/0004/EL/01 > LEAD EARTH TAG ASSY COMPLETE 150mm 16 AWG	1	
17		1000317357	6555217 > WASHER PRELOAD EMO-X28 = 137N	1	
18		1000313993	6623786 > O RING 86X1.5 N70 (95U2)	1	
19		1000001908	IM/0602/MC/01 > REF 95 U3 ENCODER	1	
20	2.7Nm	1000000724	6166725 > SCREW M4 x 20 CAP TORX TT SELF COLOURED (BLACK)	4	T20

SERVO MOTOR - 095fm

2

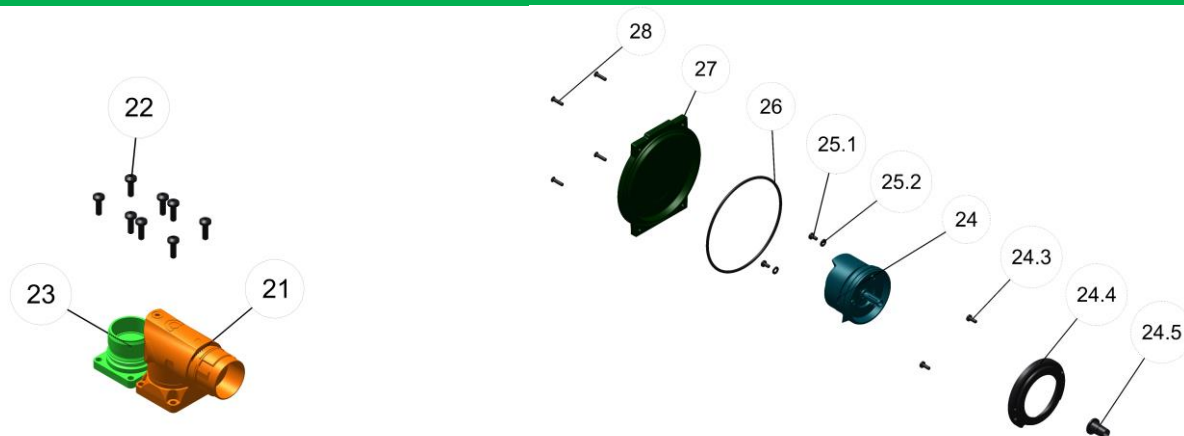


Components - B con - Resolver Feedback AE

Tag	Torque	Item	Description	Qty	Tool
21		1000318062	7584032 > CONNECTOR HOUSING PWR RA ROT	1	
22	1.2 Nm	1000307714	6161677 > SCREW M3X10 PAN TORX TT	8	T10
23		1000318066	7584059 > CONNECTOR HOUSING SIG RA ROT	1	
24		1000317451	IM/0083/EL > RESOLVER HD & U3 CBORE + RECESS	2	
24.1	1.2 Nm	1000024036	6161537 > SCREW M3X6 PAN TORX TT	2	T10
24.2		1000005230	6162924 > WASHER FLAT M3 TYPE M BZP	2	
25	5 Nm	1000318868	6167500 > SCREW M5X40 SOCKET CAP CARBON STEEL GRADE 12.9 BZP	1	TD183
25.1		1000026491	6554148 > WASHER PLAIN M5 FORM C 12.5x5.3x1.0 BZP	1	
25.2		1000026493	6554164 > WASHER SPR SQ SECT S/COIL M5	1	
26		1000311753	6623840 > O RING 86X2.5 N70	1	
27		1000308302	IM/0036/CA > REAR COVER 95 U2/U3	1	
28	1.2 Nm	1000308036	6161049 > SCREW M3X12 CSK TORX TT	4	T10

SERVO MOTOR - 095fm

3

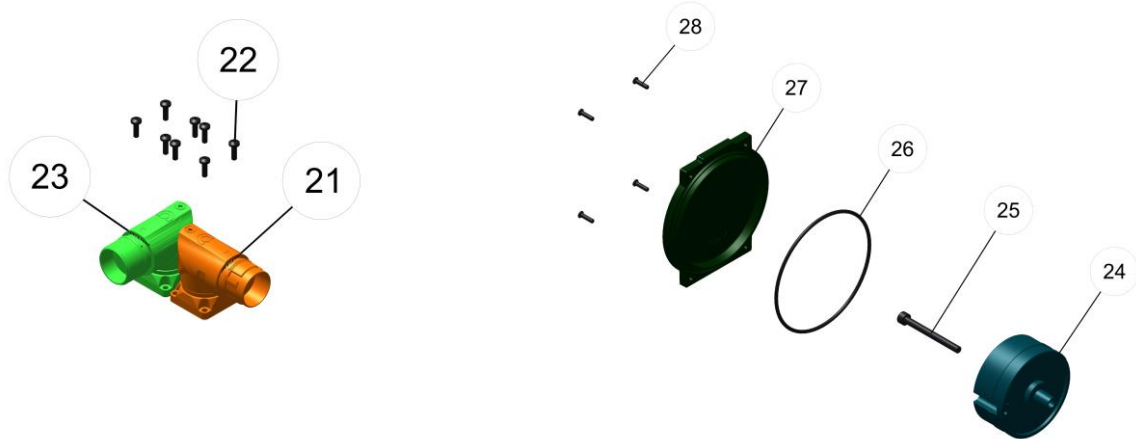


Components - C con - Incremental Encoder Feedback CA - resolver mount

Tag	Torque	Item	Description	Qty	Tool
21		1000318062	7584032 > CONNECTOR HOUSING PWR RA ROT	4	
22	1.2 Nm	1000024035	6161529 > SCREW M3X8 PAN TORX TT	1	T10
22	1.2 Nm	1000307714	6161677 > SCREW M3X10 PAN TORX TT	1	T10
23		1000318067	7584067 > CONNECTOR HOUSING SIG VERT		
24		1000004349	8901694 > ENCODER SICK CFS50 4096 3PP RESOLVER MOUNT PLUG IN SHAFT	1	
24.3	1.2 Nm	1000024035	6161529 > SCREW M3X8 PAN TORX TT	2	T10
24.4		1000004337	IM/0640/MC > ADAPTER ENCODER MOUNT RES SICK CFS50 HD/U3	2	
24.5		1000001041	IM/0323/MI > SHAFT INSERT TAPERED PPS RESIN	2	
25.1	1.2 Nm	1000024036	6161537 > SCREW M3X6 PAN TORX TT	2	T10
25.2		1000005230	6162924 > WASHER FLAT M3 TYPE M BZP	2	
26		1000311753	6623840 > O RING 86X2.5 N70	1	
27		1000308302	IM/0036/CA > REAR COVER 95 U2/U3	1	
28	1.2 Nm	1000308036	6161049 > SCREW M3X12 CSK TORX TT	4	T10

SERVO MOTOR - 095fm

4

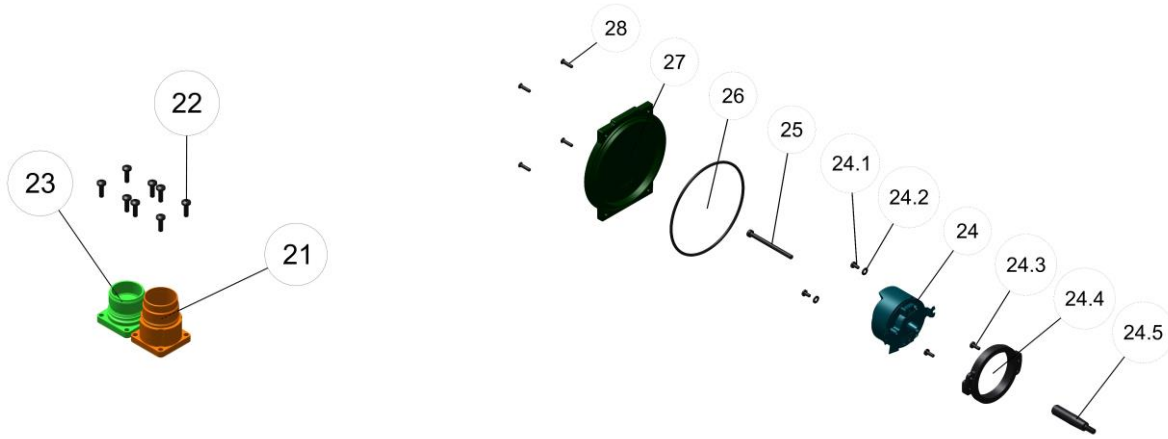


Components - B con - Resolver Feedback EC

Tag	Torque	Item	Description	Qty	Tool
21		1000318062	7584032 > CONNECTOR HOUSING PWR RA ROT	1	
22	1.2 Nm	1000307714	6161677 > SCREW M3X10 PAN TORX TT	8	T10
23		1000318066	7584059 > CONNECTOR HOUSING SIG RA ROT	1	
24		1000000835	8901511 > ENCODER EQI 1331 GEN 2.5 MULTI TAPER WITH INCREMENTAL CHANNELS	1	
25	5 Nm 0.3 Nm/2 Nm 0.4 Nm	1000320998	6167489 > SCREW M5x50 CAP HEX HD ExI1300 Cam Cover	1	TD239 TD 146 / TD099 TD 242
26		1000311753	6623840 > O RING 86X2.5 N70	1	
27		1000308302	IM/0036/CA > REAR COVER 95 U2/U3	1	
28	1.2 Nm	1000308036	6161049 > SCREW M3X12 CSK TORX TT	4	T10

SERVO MOTOR - 095fm

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Components - V con - Incremental Encoder Feedback RA - taper

Tag	Torque	Item	Description	Qty	Tool
21		1000318063	7584040 > CONNECTOR HOUSING PWR STRAIGHT	1	
22	1.2 Nm	1000024035	6161529 > SCREW M3X8 PAN TORX TT	8	T10
23		1000318067	7584067 > CONNECTOR HOUSING SIG VERT	1	
24		1000319341	8901309 > ENCODER SRM50 TAPER SPR MOUNT	2	
24.1	0.75 Nm	1000317945	6110223 > SCREW M3X6 PAN TORX PLAS-FIX	2	T10
24.3	1.2 Nm	1000024035	6161529 > SCREW M3X8 PAN TORX TT	2	T10
24.4		1000317936	IM/0229/MI > ADAPTER ENCODER CFS50 MOUNT	2	
24.5	5 Nm	1000317937	IM/0460/MC > STUB SHAFT CFS50 TAPER ADAPTER	2	TD235
25	3.1 Nm		SINCOS screw with encoder	1	TD064
26		1000311753	6623840 > O RING 86X2.5 N70	1	
27		1000308302	IM/0036/CA > REAR COVER 95 U2/U3	1	
28	1.2 Nm	1000308036	6161049 > SCREW M3X12 CSK TORX TT	4	T10

Parts not on the exploded view

Item	Description	Comment
1000021969	5313031 > BAG POLY" 6" x 3" 500G	BAG POLY" 6" x 3" 500G
1000311800	7582951 > BANDOLIER PINS	BANDOLIER PINS
1000022002	5317134 > BOX CARTON 495L x 150W x 180H 12 KILO 0201	BOX CARTON 495L x 150W x 180H
1000033282	7585284 > CAP CONNECTOR SIZE 1 BLACK	CAP CONNECTOR SIZE 1 BLACK
1000022036	5320089 > CAP SHAFT 19MM	CAP SHAFT 19MM
1000311140	IM/0153/MI > CERTIFICATE TEST IND. MOTOR (QUANTITY PER BOX)	CERTIFICATE TEST IND. MOTOR (Q
1000318064	7584148 > CONTACT PIN PWR WRE 0.35-2.0MM	CONTACT PIN PWR WRE 0.35-2.0MM
1000315289	7587392 > CONTACT PIN SIGNAL	CONTACT PIN SIGNAL
1000302179	7571828 > CONTACT SOCKET SIGNAL 1mm	CONTACT SOCKET SIGNAL 1mm
1000004058	5270219 > GREASE AEROSHELL 22 (3kg)	GREASE AEROSHELL 22 (3kg)
1000311798	7582943 > INSERT CONN 12W POL 20	INSERT CONN 12W POL 20
1000311799	7582978 > INSERT CONN 17W POL 0	INSERT CONN 17W POL 0
1000314623	IM/0186/MI > LABEL ADDITIONAL INFO WHITE	LABEL ADDITIONAL INFO WHITE
1000003497	IM/0347/MI > LABEL FM MOTOR AND MULTI-SYMBOL SAFETY (U3)	LABEL FM MOTOR AND MULTI-SYMBO
1000002189	IM/0071/MI > LABEL RATING BLANK U3 & HD	LABEL RATING BLANK U3 & HD
1000305906	7519893 > LABEL READYPRINT YELLOW	LABEL READYPRINT YELLOW
1000306051	5330262 > LABEL SHAFT WARNING MULTILINGUAL	LABEL SHAFT WARNING MULTILINGU
1000309831	5589967 > LEAD ENCODER ECI1317/EQI1329	LEAD ENCODER ECI1317/EQI1329
1000319348	5589886 > LEAD ENCODER SICK SRS/M50	LEAD ENCODER SICK SRS/M50
1000317834	5589932 > LEAD FOR SICK CFS50 ENCODER	LEAD FOR SICK CFS50 ENCODER
1000317051	IM/0212/MI > MANUAL INSTALLTN UM/FM/HD/ATEX	MANUAL INSTALLTN UM/FM/HD/ATEX
1000315454	IM/0073/EL > RESOLVER HOLLOW SHAFT Å"12 U2	RESOLVER HOLLOW SHAFT Å"12 U2
1000032820	7517866 > SLEEVE INS' H/S KYNAR 1.6MM	SLEEVE INS' H/S KYNAR 1.6MM
1000315682	IM/0021/EL/18 > SLEEVING VIDAFLEX 4x130mm	SLEEVING VIDAFLEX 4x130mm
1000315683	IM/0021/EL/19 > SLEEVING VIDAFLEX 4x180mm	SLEEVING VIDAFLEX 4x180mm
1000322548	IM/0021/EL/24 > SLEEVING VIDAFLEX 7x85mm	SLEEVING VIDAFLEX 7x85mm
1000317395	5259363 > SOLDER LEAD FREE 0.7MM	SOLDER LEAD FREE 0.7MM
1000001146*	8901562 > ENCODER CFS50 INCREMENTAL 4096PPR 3PP	8901562 > ENCODER CFS50 INCREMENTAL 4096PPR 3PP
1000317945*	6110223 > SCREW M3X6 PAN TORX PLAS-FIX	6110223 > SCREW M3X6 PAN TORX PLAS-FIX
1000317936*	IM/0229/MI > ADAPTER ENCODER CFS50 MOUNT	IM/0229/MI > ADAPTER ENCODER CFS50 MOUNT
1000317937*	IM/0460/MC > STUB SHAFT CFS50 TAPER ADAPTER	IM/0460/MC > STUB SHAFT CFS50 TAPER ADAPTER

*Incremental Encoder Feedback CA - resolver mount (*tapered)

Repair kits

075-142U35B/PCON, 075-142U3V/PCON, 075-190U3D/SCON, 075-190U3V/SCON
095U3/GA, 095U3100/FEF, 095U3/REF, 095U35/BK, 095U36/BK

095U3B300K/HSA, 095U3B300P/HSA, 095U3B306K/HSA, 095U3B306P/HSA
095U3B300K/HSA, 095U3B300P/HSA, 095U3B306K/HSA, 095U3B306P/HSA
095U3C300K/HSA, 095U3C300P/HSA, 095U3C306K/HSA, 095U3C306P/HSA
095U3C300K/HSA, 095U3C300P/HSA, 095U3C306K/HSA, 095U3C306P/HSA
095U3D300K/HSA, 095U3D300P/HSA, 095U3D306K/HSA, 095U3D306P/HSA

075-190U3AE/FB, 075-190U3EC/FB, 075-190U3FC/FB, 075-095U3CA/FB, 075-095U3RA/FB
095U3BEC/SCON, 095U3VCA/SCON, 075-095U3BCA/SCON, 075-095U3BRA/SCON

Connectors components

	Assembly	Shell PN	Screw PN	Black Insert PN	White Insert PN	Brown Insert PN
Power	1000318062	1000000952	1000320816 (1)	1000000939	1000000946	X
	1000318063	1000000953	X	1000000940	1000000947	X
	1000000848	1000000954	1000320816 (1)	1000000939	1000000946	X
	1000000849	1000000955	1000320816 (1)	1000000939	1000000946	X
	1000000850	1000000956	X	1000000940	1000000947	X
	1000320277	1000000957	1000320816 (1)	1000000942	1000000948	X
	1000320182	1000000958	1000320816 (1)	1000000943	1000000949	X
	1000000851	1000000959	1000320816 (1)	1000000942	1000000948	X
	1000000852	1000000960	X	1000000943	1000000949	X
	1000000853	1000000961	1000000398 (X3)	1000000944	1000000950	X
1000315751	1000000962	X	1000000944	1000000950	X	
1000000854	1000000963	X	1000000944	1000000950	X	
Signal	1000318066	1000000964	1000320816 (1)	X	X	1000000945
	1000318067	1000000965	X	X	X	X
	1000000855	1000000966	1000320816 (1)	X	X	1000000945
	1000000856	1000000967	X	X	X	X

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