

SL1640E

SL1640E (EU)

GEHL®

Form No.
917374

Revision G
08/14

Skid-Steer Loader



PARTS MANUAL

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RESTRAINT BAR

Ref. No.	Part No.	Description	Quantity
1	030-31949	SCREW/SHOULDER HEXAGON SOCKET HEAD 1/2 X 1	2
2	045-31500	BUSHING/OILITE	2
3	067847	NUT/HEX LOCK 3/8	2
4	131913	BUMPER	2
5	187678	SPACER/TUBE	2
6	193156	SWITCH/PROXIMITY	1
7	193157	MAGNET/SWITCH ACTUATOR	1
8	122485	STUD/BALL	2
9	070634	NUT/SERRATED LOCK 1/4	2
10	210-19470	NUT/HEX SERRATED LOCK 5/16	6
11	241344	BAR/RESTRAINT	1
12	241497	MOUNT/RESTRAINT BAR/LH	1
13	241553	MOUNT/RESTRAINT BAR/RH	1
14	242212	GAS SPRING/RESTRAINT BAR	1
15	242741	MOUNT/GAS SPRING	1
16	650687	BOLT/CARRIAGE 5/16 X 3/4	4
17	650748	BOLT/CARRIAGE 1/4 X 5/8	2
18	650848	WASHER/FLAT #6	8
19	651213	NUT/HEX MACHINE #5	4
20	651314	WASHER/EXTERNAL TOOTH LOCK #6	4
21	651575	SCREW/MACHINE ROUND HEAD #5 X 3/4	4

WHEEL DRIVES

Ref. No.	Part No.	Description	Quantity
1	030-31956	BOLT/HUB 1/2 X 1-9/16	24
2	044204	CONE/BEARING	8
3	044205	CUP/BEARING	8
4	131139	SEAL/AXLE	4
5	137214	WASHER/THRUST	2
6	210-20746	NUT/WHEEL BOLT 9/16	24
7	210-32154	NUT/HEX TOP LOCK 1/2	24
8	240393	CHAIN/ROLLER #60 x 54	2
9	241308	CHAIN/ROLLER #60 x 76	2
10	241603	SPROCKET #60A13	2
11	241854	SHAFT W/SPROCKET/LONG	2
12	241856	SHAFT W/SPROCKET/SHORT	2
13	243425 b	HUB/AXLE	2
	241857 a	HUB/AXLE	2
14	243426 b	HUB/AXLE	2
	241858 a	HUB/AXLE	2
15	241859	HUB	4
	030-20745	BOLT/WHEEL 9/16 X 1-7/8	6
16	243252	O-RING	4
17	350-17647	O-RING	24
18	400-32535	WASHER/SPECIAL	4
19	650491	SCREW/CAP 3/8 X 1-1/4	2
20	651160	PIN/COTTER 5/32 X 1-1/2	4
21	653102	NUT/HEX SLOTTED 7/8	4

a) SN 011034 and Before

b) SN 011035 and Up

HYDROSTATIC SYSTEM WITH DRIVE MOTORS

Ref. No.	Part No.	Description	Quantity
1	055981	FITTING/TEE JIC06 X SAE06 X JIC06	1
2	068938	FITTING/90° MJ06 X MAORB06	3
3	076031	FITTING/90° MJ08 X MAORB10	2
4	076879	CAP/37° FLARE JIC08	3
5	079126	CLAMP/TWIN TUBE 5/8	1
6	079289	O-RING 155 N70	1
7	091055	FITTING/STRAIGHT FJ12 X MJ10 REDUCER	1
8	121775	FITTING/90° MJ08 X MAORB12	6
9	132049	SWITCH/TEMPERATURE	1
10	135773	WASHER/FLAT 5/8 HEAT TREATED	12
11	184102 a	VALVE/SOLENOID	1
12	184378	PLATE/SPACER (BRAKE VALVE)	1
13	50351210	MANIFOLD/HYDRAULIC RETURN (TAKES 080556 FJ06 CAP, IF NEEDED)	1
14	192500	CLAMP/TUBE DUAL 3/8	1
15	192508	TUBE CLAMP/PLATE	1
16	194181	FITTING/90° ELBOW MJ06 X MAORB06	1
17	195217 a	PUMP/HYDROSTATIC SDF REAR	1
18	210-19533	NUT/HEX CENTERLOCK 3/8	1
19	210-32184	NUT/HEX FLANGE CENTERLOCK 1/4	2
20	240998	PLATE/PUMP SUPPORT	1
21	241473	HOSE/MEDIUM PRESSURE 1/2 X 16-1/5	2
22	241506	HOSE/MEDIUM PRESSURE 1/2 X 17	1
23	241510	HOSE/MEDIUM PRESSURE 1/2 X 12-1/4	1
24	241592	TUBE/BRAKE DRAIN	1
25	241602	TUBE/BRAKE SPLIT	1
26	241814	TUBE & HOSE/BRAKE CHARGE	1
27	241923	TUBE/TANK MANIFOLD 5/8	1
28	242241 a	PUMP/HYDROSTATIC SDF FRONT	1
29	242288	CROSS/TEE	1
30	242435	TUBE/JUMP 1/2	1
31	242638	PLATE/TWIN COVER	1
32	245100 a	MOTOR/MS02-2	2
33	310-32616	SCREW/CAP LOCK 3/8 X 1/2	1
34	310-32653	SCREW/CAP FLG 1/2 X 1	4
35	50351204	HOSE/MEDIUM PRESSURE 1/2 X 21-1/2	2
36	50351351	TUBE/MOTOR/DRAIN/RIGHT	1
37	50351352	TUBE/MOTOR/DRAIN/LEFT	1
38	650577	SCREW/CAP 5/16 X 1-1/2	1
39	651620	SCREW/CAP SOCKET HEAD M16 X 30 MM	12
40	652140	BOLT/CARRIAGE 1/4 X 2	2
41	654009	WASHER/FLAT 1/2	4
42	654024	WASHER/LOCK 5/16	1
43	656008	SCREW/CAP M10 X 30 MM	2
44	656105	SCREW/CAP M8 X 25 MM	4
45	656111	WASHER/FLAT M8	4
46	656133	WASHER/FLAT M10	2
47	L51572	FITTING/45° MJ08 X MAORB10	3

a) For breakdown see "Section B" of this manual.

HYDRAULICS - LIFT ARM

Ref. No.	Part No.	Description	Quantity
1	054994	FITTING/STRAIGHT MJ06 X MAORB06	7
3	068938	FITTING/90° MJ06 X MAORB06	2
4	071700	NUT/HEX LOCK 1/4	2
5	071701	NUT/HEX LOCK 5/16	6
6	074395	CLAMP/HOSE	1
7	079026	FITTING/45° ELBOW SAE06 X JIC06	1
8	087849	CLAMP/HOSE #52	3
9	087850	CLAMP/HOSE #40	2
10	100-32164	QUICK COUPLER/FLAT-FACED MALE 1-1/16	1
11	100-32167	QUICK COUPLER/FLAT-FACED FEMALE 1-1/16	1
12	121775	FITTING/90° MJ08 X MAORB12	2
13	122778	PLUG 9/16 O-RING	2
14	131842	NUT/SPIRALOCK™ 5/16	1
15	195228 a	CYLINDER/LIFT	2
16	195229 a	CYLINDER/TILT	2
17	195710	PIN/PIVOT	2
18	240550	PIN	2
19	240551	PIN	2
20	240554	PIN/LOWER	2
21	241442	HOSE/MEDIUM PRESSURE/TILT LOCK 3/8	1
22	241450	HOSE/MEDIUM PRESSURE 3/8 X 32	1
23	241464	HOSE/MEDIUM PRESSURE 3/8 X 29-1/2	1
24	241465	HOSE/MEDIUM PRESSURE 3/8 X 84-1/2	1
26	241683	TUBE/LEFT ROD 3/8	1
27	241691	TUBE/LEFT ROD 3/8	1
28	241695	HOSE/MEDIUM PRESSURE 3/8X 15-1/4	2
29	241696	HOSE/MEDIUM PRESSURE 3/8 X 13-3/4	2
30	241697	HOSE/MEDIUM PRESSURE 1/2 X 81	2
31	241863	TUBE/LIFT CYLINDER 3/8	2
32	350-32552	RING/SNAP	4
33	650568	SCREW/CAP 5/16 X 2	2
34	650725	SCREW/CAP 5/16 X 2-1/4	2
35	650733	SCREW/CAP 5/16 X 2-1/2	2
36	650839	SCREW/CAP 1/4 X 2-1/4	2

a) For breakdown see "Section B" of this manual.

CONTROLS - LIFT/TILT AND WHEEL DRIVES

Ref. No.	Part No.	Description	Quantity T-Bar
1	010-32440	BEARING/FLANGE MOUNT	4
2	137204	SCREW/SHOULDER 3/8 X 1/2	1
3	045-31440	BUSHING/SUPER OILITE	1
4	045-31469	BUSHING/OILITE	1
5	045-31488	BUSHING/OILITE FLANGED	4
6	054202	JOINT/BALL	1
7	054885	JOINT/BALL	1
8	056937	WASHER/FLAT 25/32	2
9	070856	NUT/SERRATED LOCK 3/8	4
10	071700	NUT/HEX LOCK 1/4	8
11	071703	NUT/HEX LOCK 3/8	4
12	071704	NUT/HEX LOCK 3/8	1
13	071706	NUT/HEX LOCK 1/2	1
14	074868	SPACER	1
15	075288	PIN/ROLL 5/16 X 1-1/4	3
16	079039	ROD END/FEMALE 3/8	1
17	079216	ROD END/FEMALE WITH STUD 5/16	6
18	121002	NUT/HEX LOCK 1/4	1
19	128316	BEARING/BRONZE	4
20	134792	ROD END/ELASTOMERIC 3/8	2
21	134852	NUT/SPIRALOCK™ 3/8	3
22	134888	STEERING ARM/LEFT	1
23	134889	STEERING ARM/RIGHT	1
24	187002	NUT/HEX TOP LOCK 5/16	6
25	200-32287	YOKE/CLEVIS	2
26	200-32691	RETAINER/PUMP ARM	2
27	210-31017	NUT/CENTERLOCK 5/16	8
28	220-16148	PIN/CLEVIS 1/4 X 3/4	2
29	220-32680	PIN/CLIP RUE #8	2
30	240721	PIVOT	2
31	240834	SHAFT/PIVOT	1
32	240836	TUBE/PIVOT TUBE	1
33	240857	PLATE/CROSSMEMBER CONTROLS	1
34	240861	BRACKET/CONTROL ARM	2
35	240871	STOP/T-BAR	2
36	240872	ROD 8.00	2
37	240873	ROD 3.08	2

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ELECTRICAL - ROPS/FOPS

Ref. No.	Part No.	Description	Quantity
1	090666	NUT/HEX FLANGE SERRATED LOCK 3/8	2
2	072340	GAUGE/HOURMETER	1
3	088040	HOUSING/DISPLAY	1
4	090-32441	SWITCH/GLOW PLUG	1
5	090-32472	SWITCH/BRAKE	1
6	090-32478	BUZZER	1
7	121002	NUT/HEX LOCK 1/4	1
8	128738	BULB/LAMP	6
9	130064	GASKET/DISPLAY HOUSING	1
10	174983	TIMER/DELAY	1
11	183634	GAUGE/FUEL LEVEL	1
12	183645	GAUGE/ENG OIL TEMP	1
13	188947	BREAKER/CIRCUIT 15 A	3
14	189822	BREAKER/CIRCUIT 25 A	1
15	191477	SWITCH/LIGHT	1
16	191635	KNOB/LIGHT SWITCH	1
17	195087	SWITCH/IGNITION	1
	073694	KEY (SET OF 2)	1
	131050	TAG/KEY	1
18	240385	STANDOFF #6 X 3/4	2
19	241158	DECAL/LEFT INSTRUMENT PANEL	1
20	241212	PANEL/LH	1
21	241214	PANEL/RH	1
22	241276	PANEL/CIRCUIT BREAKER	1
23	241359	COVER/LEFT	1
24	241360	COVER/RIGHT	1
25	241387	DECAL/RIGHT INSTRUMENT PANEL	1
26	241404	WIRE HARNESS/ROPS	1
	188991	REPLACEMENT DIODE BOARD (FOR 241404)	1
27	242420	DECAL/CIRCUIT BREAKER	1
28	420-36100	TIMER/SEAT BELT	1
29	420-36255	CIRCUIT BREAKER 8 A	1
30	650549	WASHER/HELICAL SPRING LOCK #10	2
31	650550	NUT/HEX MACHINE #10	2
32	650658	NUT/HEX MACHINE #6	2
33	651308	SCREW/MACHINE PAN HEAD 1/4 X 3/4	8
34	651746	SCREW/MACHINE CROSS RECESSED PAN HEAD #4 X 3/8	2
35	654044	WASHER/HELICAL SPRING LOCK #6	4

GENERAL INFORMATION

**CAUTION**

ALWAYS follow safety precautions on decals. Replace decals if they become damaged or if the unit is repainted. If repainting, **BE SURE** that all applicable decals are affixed in their proper locations.

Decal location information assists in the selection and application of new decals, in the event the original decals become damaged or the machine is repainted.

For decal replacement compare the location photographs to your machine **BEFORE** starting to refinish. Check off each required decal using the illustrated reference number. Find the part number, description and quantity. Refer to the illustration for replacement locations. Refer to Safety chapter of the Operator's Manual for information on the safety decals.

NEW DECAL APPLICATION

Surfaces **MUST** be free of dirt, dust, grease and foreign material before applying the decal. Remove smaller portion of decal backing paper and apply the exposed adhesive to the clean surface, maintaining proper position and alignment. Peel off remaining backing paper and apply hand pressure to smooth out the decal surface.

Specific decal part numbers for type of model, control option and the Gehl logo must be ordered separately.

PAINT FINISH. Use list below to order paint:

- 167788 One Gallon Gehl Yellow
- 167789 6-Pack Spray Cans Gehl Yellow

- 167754 One Gallon Gun Metal Gray
- 167755 6-Pack Spray Cans Gun Metal Gray

- 167792 One Gallon Red
- 167793 6 (12 oz. Spray Cans) Red

LIFT CYLINDER

Ref. No.	Part No.	Description	Quantity
	195228	CYLINDER/LIFT	2
1	198185	TUBE	1
2	198184	PISTON	1
3	198183	GLAND/HEAD	1
4	198182	SPACER/ROD	1
5	198181	ROD	1
6	198180	BEARING/BRONZE/SUPER OILITE	2
7	198179	BEARING/BRONZE SUPER OILITE	1
8	080319	NUT/LOCK /34	1
9	198178	ZERK/STRAIGHT 1/4 SELF-TAPPING	2
10-18	198189	KIT/SEAL	1

SELF-LEVELING VALVE

Ref. No.	Part No.	Description	Quantity
	135367	VALVE/SELF-LEVELING	1
1	350-27299	RING/RETAINING	1
2	NSS	BODY	1
3	NSS	SPOOL	1
4	NSS	SPOOL	1
5	080808	PIN	1
6	b	COVER	1
7	080809	CAP/ADJUSTMENT	1
8	b	O-RING	1
9	080810	NUT	1
11	b	O-RING	1
12	080811	SCREW/SET	1
13	129004	ASSEMBLY/PLUG	1
14	080813	ASSEMBLY/PLUG	2
15	089961	SPRING	1
16	088473	CHECK/LOAD	2
17	088472	ASSEMBLY/PLUG	2
18	088471	SPRING	2
	129066	KIT/SEAL (Includes Items #6, #8 and #11)	1

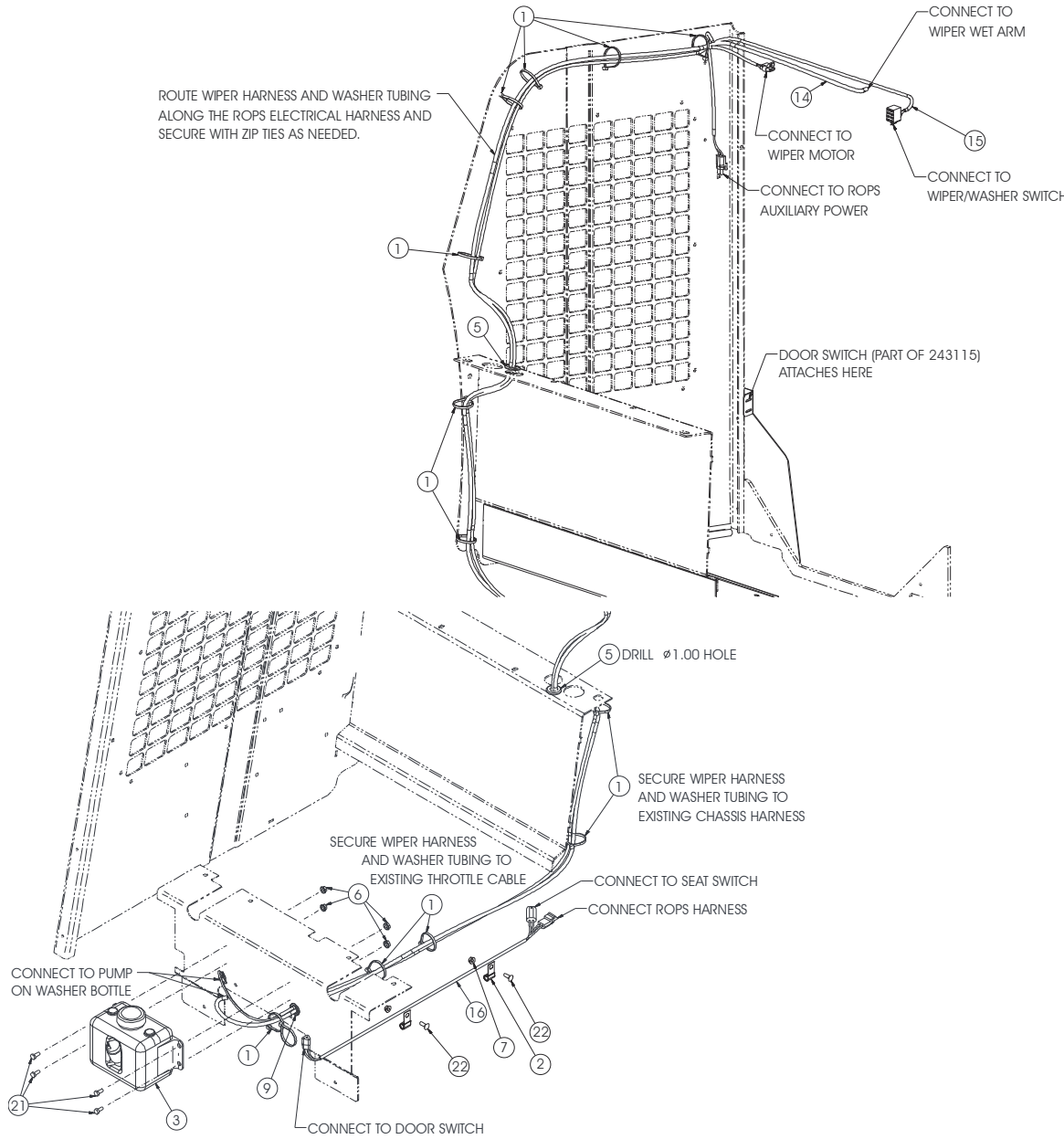
b) Items part of the Seal Kit - 129066

DRIVE MOTORS WITH PARKING BRAKE

Ref. No.	Part No.	Description	Quantity
	245100	MOTOR/SINGLE SPEED	2
1	50351934	KIT/SEAL COVER	1
2	50351929	KIT/SEAL VALVING	1
3	50351932	VALVING	1
4	50351935	SET/SPRING	1
5	50351931	PIN/ROLL	1
6	50351930	COVER/VALVING	1
7	50351933	PLUG/METALLIC	1

Ref. No.	Part No.	Description	Quantity
	245100	MOTOR/SINGLE SPEED	2
1	50351879	KIT/CLIPS	1
2	50351876	ASSY/PISTON (SET OF 8)	1
3	50351881	CAM	1
4	50351927	BLOCK/CYLINDER ASSY	1
5	50351882	KIT/SEAL MOTOR	1

811624 Cab Door Kit



Ref No.	Part No.	Description	Qty. Req'd	Ref No.	Part No.	Description	Qty. Req'd
	811624	KIT/DOOR KIT		13	243374	WASHER/WIPER SWITCH MNT	1
1	055648	TIE/CABLE .19X7.50 BLACK	12	14	243428	WIPER/WASHER TUBING	1
2	072916	CS FL LOCK 1/4X3/4 C5ZY	2	15	243429	WIPER/WASHER WIRE HARNESS	1
3	184392	TANK/WASHER RESERVOIR	1	16	243439	WIRE HARNESS/DOOR	1
	243063	CAP/VENTED	1	17	243599	LIGHT MOUNT/DOOR	1
4	190282	SEAL/BULB	2	19	420-35859	BULB SEAL	1
5	192601	GROMMET/1.0" OD	2	20	650315	THWH TC USL 1/4X1/2 CZY	8
6	210-19469	HN FL SLOC 1/4 CZY	6	21	650663	CS 1/4X5/8 C5ZY	4
7	210-32184	HN FL CLOC 1/4 CZY	2	22	058615	CLAMP/HOSE .50X.41 HOLE	2
8	242293	SWITCH/WIPER-WASHER	1	23	420-35982	WEATHER STRIPPING	1
9	242794	GROMMET/SPLIT WEB	1	24	650758	CB 1/4X3/4 C5ZY	2
10	243115	DOOR ASSY	1	25	50351106	WEATHERSTRIPPING	6
11	243141	DOOR FILLER PLATE / LH	1	26	242929	SWITCH/DOOR (NS - not shown)	1
12	243193	DOOR FILLER PLATE / RH	1				

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048967	50	1	071700	36	4	079039	46	16	121775	36	12
048967	52	1	071700	38	9	079098	18	9	121897	88	4
054202	38	5	071700	42	10	079098	32	8	122485	2	22
054202	42	6	071700	46	10	079098	50	4	122485	6	8
054202	46	6	071700	108	45	079126	26	5	122778	36	13
054626	28	1	071700	109	45	079126	28	6	122840	88	2
054820	32	1	071701	36	5	079216	38	16	123352	110	1
054885	18	2	071703	14	3	079216	42	17	123554	14	4
054885	38	6	071703	18	4	079216	46	17	124078	2	7
054885	42	7	071703	22	1	079289	26	6	127342	2	8
054885	46	7	071703	38	10	079289	28	7	128316	38	18
054994	36	1	071703	42	11	080319	76	8	128316	42	19
055335	24	1	071703	46	11	080319	78	7	128316	46	19
055648	60	6	071704	38	11	080808	86	5	128591	2	9
055648	103	13	071704	42	12	080809	86	7	128738	56	8
055648	105	2	071704	46	12	080810	86	9	129004	86	13
055648	106	1	071706	4	5	080811	86	12	129066	86	
055648	107	1	071706	18	5	080813	86	14	129933	32	15
055981	26	1	071706	38	12	081371	10	1	130064	56	9
055981	28	2	071706	42	13	081380	32	9	131050	56	17
056937	38	7	071706	46	13	084175	111	14	131050	67	5
056937	42	8	071709	18	6	087849	36	8	131139	16	4
056937	46	8	072340	56	2	087850	20	2	131522	2	10
057557	4	2	072580	24	4	087850	22	3	131842	2	44
058615	54	1	072580	32	5	087850	36	9	131842	18	11
058615	104	1	072803	32	6	088040	56	3	131842	18	12
058615	106	22	072806	34	1	088296	103	1	131842	32	16
058615	107	22	072853	68	34	088442	28	8	131842	36	14
058805	30	1	072854	68	35	088471	86	18	131842	50	7
058805	50	27	072916	106	2	088472	86	17	131842	52	5
061166	24	2	072916	107	2	088473	86	16	131842	60	2
062023	18	3	073535	4	6	088904	18	10	131842	105	3
062023	24	3	073694	56	17	088904	32	10	131913	2	11
062023	32	2	074395	36	6	088904	50	5	131913	6	4
062756	14	1	074868	38	13	089961	86	15	131940	2	12
064260	4	4	074868	42	14	090666	4	8	132049	26	9
064260	12	1	074868	46	14	090666	32	12	132049	28	11
064260	30	2	075288	38	14	090666	56	1	132050	2	46
064260	50	2	075288	42	15	090666	58	1	132051	2	45
064260	54	2	075288	46	15	090666	105	1	132166	4	9
064260	104	2	075991	18	7	091055	26	7	132166	67	36
064543	4	3	076031	26	3	091055	28	9	132199	90	2
067455	32	3	076031	28	4	091666	52	2	132270	24	6
067847	2	3	076031	32	7	091667	52	3	132294	4	10
067847	6	3	076588	2	4	095619	52	4	132294	67	37
068034	14	2	076588	18	8	095955	110	1	132353	58	1
068938	26	2	076588	24	5	095955	111	22	132353	103	1
068938	28	3	076589	20	1	098534	32	13	134522	14	5
068938	30	3	076589	22	2	102026	68	30	134588	50	8
068938	32	4	076681	103	10	114665	2	6	134588	54	4
068938	36	3	076879	26	4	121002	38	17	134588	104	4
070634	4	20	076879	28	5	121002	42	18	134594	14	6
070634	6	9	077685	50	3	121002	46	18	134707	14	7
070856	38	8	077794	4	7	121002	56	7	134756	2	13
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