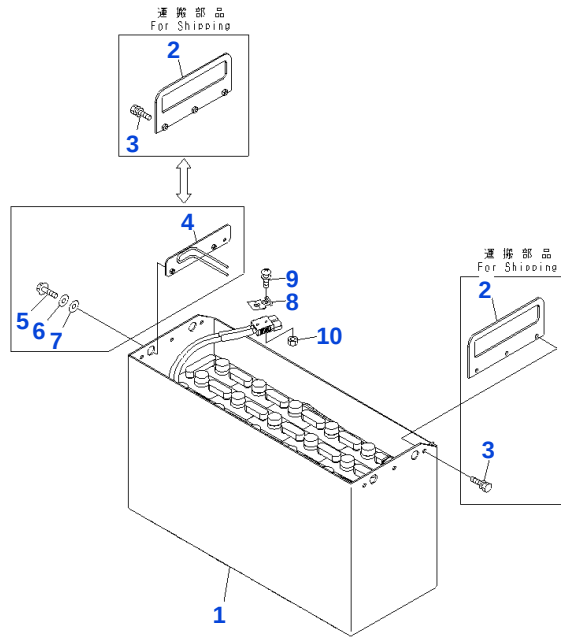




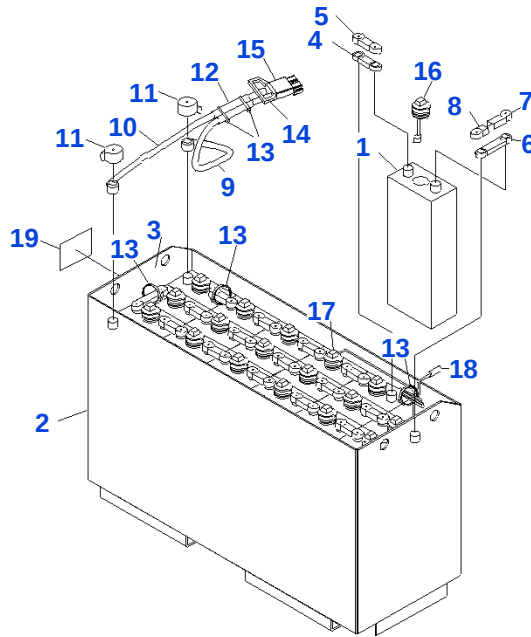
P5FA380

Reference: E4110-01A2

030010 Battery

Item	Part No.	Part Name	Qty	Options
1	37A-2F7-5061	BATTERY ASSEMBLY, (SHIN-KOBE 48V-250AH)	1	SN: 825001-UP
	37A-2F7-5091	BATTERY ASSEMBLY, (SHIN-KOBE 48V-280AH)	1	SN: 825001-UP
	37A-2F8-5091	BATTERY ASSEMBLY, (GS YUASA 48V-280AH)	1	SN: 825001-UP
2	3BA-07-71170	PLATE	2	SN: 825001-UP
3	01010-81025	BOLT	6	SN: 825001-UP
	01643-31032	WASHER	6	SN: 825001-UP
4	3BA-05-73120	BRACKET	1	SN: 825001-UP
5	01435-00825	BOLT	2	SN: 825001-UP
6	3EA-51-11390	WASHER	2	SN: 825001-UP
7	3EB-61-44120	WASHER	2	SN: 825001-UP
8	3BA-55-71260XC	BRACKET	1	SN: 825001-UP
9	01023-10630	SCREW	2	SN: 825001-UP
10	01580-10605	NAT	2	SN: 825001-UP

Reference: E4110-01A2



PYFT916

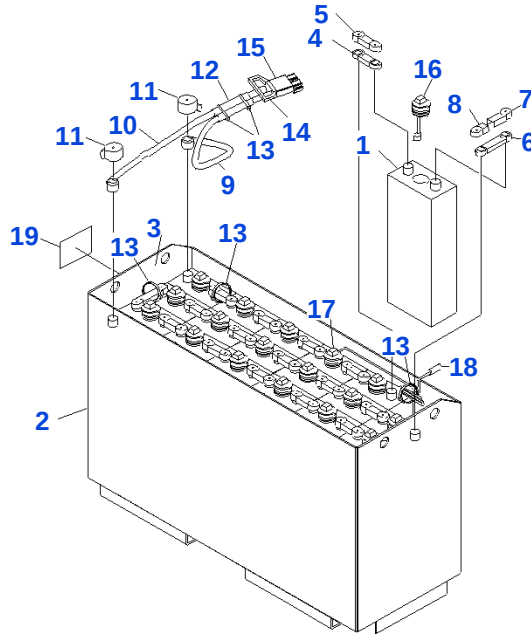
Reference: E4110-51A7

030020 BATTERY (SHINKOBE 48V-250AH) (FOR FB09ML)

Item	Part No.	Part Name	Qty	Options
	37A-2F7-5061	BATTERY ASSEMBLY	1	SN: 825001-UP
1	FBVSDH250	• CELL ASSEMBLY	24	SN: 825001-UP
2	3BA-05-73510	• CASE	1	SN: 825001-UP
3		• ☆ SPACER	1	SN: 825001-UP
4	FBCNP-4055	• CONNECTOR	20	SN: 825001-UP
5	FBCCY-16	• COVER, CONNECTOR	20	SN: 825001-UP
6	FBCNP-4047	• CONNECTOR	3	SN: 825001-UP
7	FBCCY-15D	• COVER, CONNECTOR	3	SN: 825001-UP
8	FBCCY-15E	• COVER, CONNECTOR	3	SN: 825001-UP
9		• ☆ CABLE, (PLUS)	1	SN: 825001-UP
10		• ☆ CABLE, (MINUS)	1	SN: 825001-UP
11	FBTCY-8	• COVER	2	SN: 825001-UP
12		• ☆ TUBE	2	SN: 825001-UP
13		• ☆ BAND	5	SN: 825001-UP
14	FBMV-14687C	• BUSHING, PLUG	2	SN: 825001-UP
15	34A-07-12130	• PLUG	1	SN: 825001-UP
16	FBVPM-30-3K-3	• CAP	23	SN: 825001-UP
17	FBVPM-30-3K-3S	• CAP, WITH SENSOR	1	SN: 825001-UP
18		• ☆ PLUG	1	SN: 825001-UP
19		• ☆ PLATE, NAME	1	SN: 825001-UP

Catalog signs: ☆ not supplied separately: assembly only

Reference: E4110-51A7



PYFT916

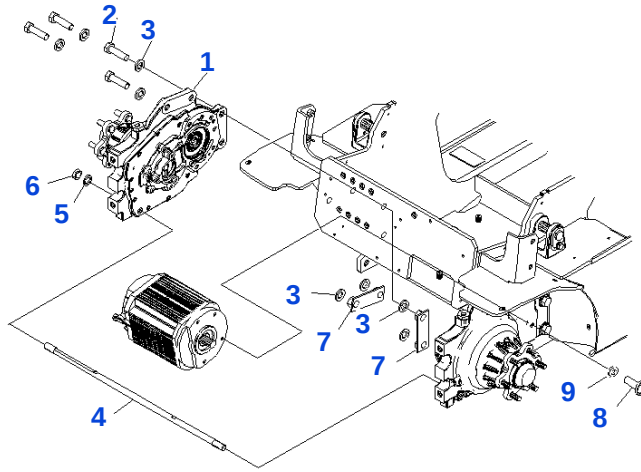
Reference: E4110-51A8

030030 BATTERY (SHINKOBE 48V-280AH)

Item	Part No.	Part Name	Qty	Options
1	37A-2F7-5091	BATTERY ASSEMBLY	1	SN: 825001-UP
1	FBVSFL280	• CELL ASSEMBLY	24	SN: 825001-UP
2	3BA-05-73510	• CASE	1	SN: 825001-UP
3		• ☆ SPACER	1	SN: 825001-UP
4	FBCNP-4055	• CONNECTOR	20	SN: 825001-UP
5	FBCCY-16	• COVER, CONNECTOR	20	SN: 825001-UP
6	FBCNP-4047	• CONNECTOR	3	SN: 825001-UP
7	FBCCY-15D	• COVER, CONNECTOR	3	SN: 825001-UP
8	FBCCY-15E	• COVER, CONNECTOR	3	SN: 825001-UP
9		• ☆ CABLE, (PLUS)	1	SN: 825001-UP
10		• ☆ CABLE, (MINUS)	1	SN: 825001-UP
11	FBTCY-8	• COVER	2	SN: 825001-UP
12		• ☆ TUBE	2	SN: 825001-UP
13		• ☆ BAND	5	SN: 825001-UP
14	FBMV-14687C	• BUSHING, PLUG	2	SN: 825001-UP
15	34A-07-12130	• PLUG	1	SN: 825001-UP
16	FBVPM-30-3K-2	• CAP	23	SN: 825001-UP
17	FBVPM-30-3K-2S	• CAP, WITH SENSOR	1	SN: 825001-UP
18		• ☆ PLUG	1	SN: 825001-UP
19		• ☆ PLATE, NAME	1	SN: 825001-UP

Catalog signs: ☆ not supplied separately: assembly only

Reference: E4110-51A8



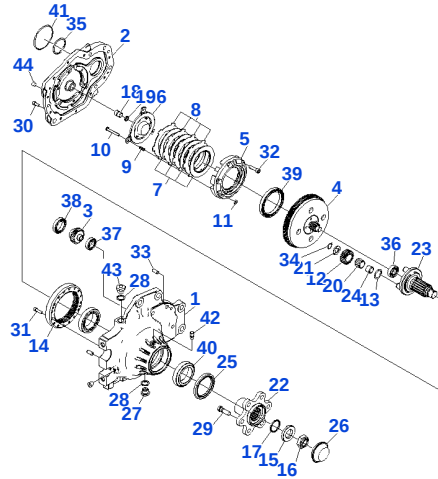
PYFT915

Reference: F4130-01A0

060010 DRIVE AXLE

Item	Part No.	Part Name	Qty	Options
1	3BA-21-71110YA	TRANSFER SUB ASSEMBLY, (LEFT)	1	SN: 825001-UP
	3BA-21-72510YA	TRANSMISSION SUB ASSEMBLY, (LEFT) (FOR 2.0 TON)	1	SN: 825001-UP
	3BA-21-72110WA	TRANSFER SUB ASSEMBLY, (LEFT) (COLD)	1	SN: 825001-UP
	3BA-21-72610WA	TRANSFORMER SUB ASSEMBLY, (LEFT) (COLD) (FOR 2.0 TON)	1	SN: 825001-UP
	3BA-21-71610YA	TRANSMISSION SUB ASSEMBLY, (RIGHT)	1	SN: 825001-UP
	3BA-21-72520YA	TRANSAXLE SUB ASSEMBLY, (RIGHT) (FOR 2.0 TON)	1	SN: 825001-UP
	3BA-21-72120WA	TRANSFER SUB ASSEMBLY, (RIGHT) (COLD)	1	SN: 825001-UP
	3BA-21-72620WA	TRANSFORMER SUB ASSEMBLY, (RIGHT) (COLD) (FOR 2.0 TON)	1	SN: 825001-UP
2	01010-81865	BOLT	8	SN: 825001-UP
	01010-81885	BOLT, (FOR FB09ML TO FB15ML)	8	SN: 825001-UP
3	01643-31845	WASHER	16	SN: 825001-UP
4	3BA-21-71910	SHAFT	1	SN: 825001-UP
	3BA-21-72420	SHAFT, (FOR FB09ML TO FB15ML)	1	SN: 825001-UP
5	3BA-21-71920	WASHER	2	SN: 825001-UP
6	3BA-21-71930	NAT	2	SN: 825001-UP
7	3BA-21-72410	BRACKET	4	SN: 825001-UP
8	01010-81270	BOLT	8	SN: 825001-UP
9	01643-31232	WASHER	8	SN: 825001-UP

Reference: F4130-01A0



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Reference: F4130-51A0

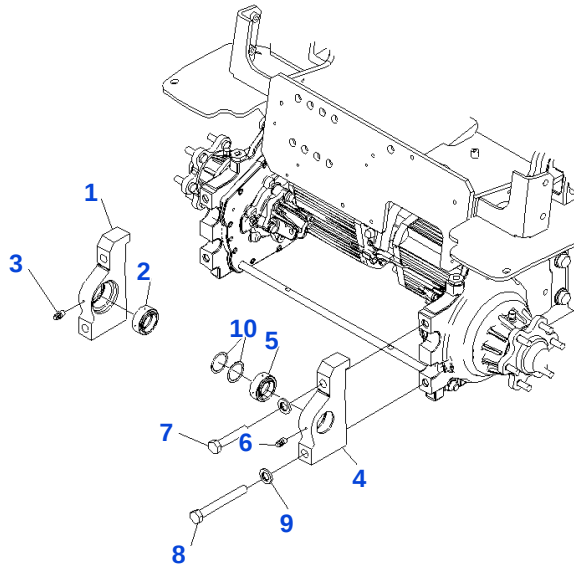
060020 DRIVE AXLE (INNER PARTS)

Item	Part No.	Part Name	Qty	Options
	3BA-21-71111UA	TRANSFER SUB ASSEMBLY, (LEFT)	1	SN: 832890-UP
	3BA-21-71110YA	☐ TRANSFER SUB ASSEMBLY, (LEFT)	1	SN: 825001-832889
	3BA-21-72111UN	TRANSFER SUB ASSEMBLY, (LEFT) (COLD)	1	SN: 832890-UP
	3BA-21-72110WA	☐ TRANSFER SUB ASSEMBLY, (LEFT) (COLD)	1	SN: 825001-832889
	3BA-21-72511UA	TRANSMISSION SUB ASSEMBLY, (LEFT) (FOR 2.0 TON)	1	SN: 832890-UP
	3BA-21-72510YA	☐ TRANSMISSION SUB ASSEMBLY, (LEFT) (FOR 2.0 TON)	1	SN: 825001-832889
	3BA-21-72611UN	TRANSFORMER SUB ASSEMBLY, (LEFT) (COLD) (FOR 2.0 TON)	1	SN: 832890-UP
	3BA-21-72610WA	☐ TRANSFORMER SUB ASSEMBLY, (LEFT) (COLD) (FOR 2.0 TON)	1	SN: 825001-832889
	3BA-21-71611UA	TRANSMISSION SUB ASSEMBLY, (RIGHT)	1	SN: 832890-UP
	3BA-21-71610YA	☐ TRANSMISSION SUB ASSEMBLY, (RIGHT)	1	SN: 825001-832889
	3BA-21-72121UN	TRANSFER SUB ASSEMBLY, (RIGHT) (COLD)	1	SN: 832890-UP
	3BA-21-72120WA	☐ TRANSFER SUB ASSEMBLY, (RIGHT) (COLD)	1	SN: 825001-832889
	3BA-21-72521UA	TRANSAXLE SUB ASSEMBLY, (RIGHT) (FOR 2.0 TON)	1	SN: 832890-UP
	3BA-21-72520YA	☐ TRANSAXLE SUB ASSEMBLY, (RIGHT) (FOR 2.0 TON)	1	SN: 825001-832889
	3BA-21-72621UN	TRANSFORMER SUB ASSEMBLY, (RIGHT) (COLD) (FOR 2.0 TON)	1	SN: 832890-UP
	3BA-21-72620WA	☐ TRANSFORMER SUB ASSEMBLY, (RIGHT) (COLD) (FOR 2.0 TON)	1	SN: 825001-832889
1	3BA-21-71121	• CASE, (LEFT)	1	SN: 832890-UP
	3BA-21-71120	• ☐ CASE, (LEFT)	1	SN: 825001-832889
	3BA-21-71621	• CASE, (RIGHT)	1	SN: 832890-UP
	3BA-21-71620	• ☐ CASE, (RIGHT)	1	SN: 825001-832889
2	3BA-21-71131	• COVER, (LEFT)	1	SN: 832890-UP
	3BA-21-71130	• ☐ COVER, (LEFT)	1	SN: 825001-832889
	3BA-21-71631	• COVER, (RIGHT)	1	SN: 832890-UP
	3BA-21-71630	• ☐ COVER, (RIGHT)	1	SN: 825001-832889
3	3BA-21-71140	• GEAR	1	SN: 825001-UP
4	3BA-21-71391	• GEAR ASSEMBLY	1	SN: 825001-UP
	3BA-21-71460	• GEAR ASSEMBLY, (FOR 2.0 TON)	1	SN: 825001-UP
	3BA-21-71160	• HOLDER ASSEMBLY	1	SN: 825001-UP
5	3BA-21-71380	•• HOLDA	1	SN: 825001-UP
6	3BA-21-71280	•• PISTON	1	SN: 825001-UP
7	3BA-21-71260	•• DISK	4	SN: 825001-UP
8	3BA-21-71270	•• PLATE	4	SN: 825001-UP
9	3BA-21-71290	•• SPRING	4	SN: 825001-UP
10	3BA-21-71430	•• BOLT	4	SN: 825001-UP
11	01580-10605	•• NAT	3	SN: 825001-UP
12	3BA-21-71170	• GEAR	3	SN: 825001-UP
	3BA-21-71450	• GEAR, (FOR 2.0 TON)	3	SN: 825001-UP
13	3BA-21-71180	• SPACER	3	SN: 825001-UP
14	3BA-21-71191	• GEAR	1	SN: 825001-UP
15	3BA-21-71230	• WASHER	1	SN: 825001-UP

Item	Part No.	Part Name	Qty	Options
16	3BA-21-71240	• NAT	1	SN: 825001-UP
17	3BA-21-71250	• O RING	1	SN: 825001-UP
	3BA-21-00200	• SHAFT ASSEMBLY	1	SN: 825001-UP
18		• • ☆ SHAFT	1	SN: 825001-UP
19		• • ☆ SEAL	1	SN: 825001-UP
20	3BA-21-71340	• BEARING	3	SN: 825001-UP
21	3BA-21-71370	• WASHER	3	SN: 825001-UP
22	3BA-21-71410	• HUB	1	SN: 825001-UP
	3BA-21-00210	• CARRIER ASSEMBLY	1	SN: 825001-UP
23		• • ☆ CAREER	1	SN: 825001-UP
24		• • ☆ BUSH	3	SN: 825001-UP
25	3BA-21-71440	• SEAL	1	SN: 825001-UP
26	3EB-24-11160SA	• CAP	1	SN: 825001-UP
27	34B-41-12910	• PLUG	1	SN: 825001-UP
28	34B-41-12920	• GASKET	2	SN: 825001-UP
29	34B-24-11221	• BOLT	6	SN: 825001-UP
30	01252-70820	• BOLT	10	SN: 825001-UP
31	01252-70830	• BOLT	16	SN: 825001-UP
32	01252-71040	• BOLT	6	SN: 825001-UP
33	04020-01228	• PIN	2	SN: 825001-UP
34	04064-02012	• RING, SNAP	3	SN: 825001-UP
35	04065-06220	• RING, SNAP	1	SN: 825001-UP
36	06300-06204	• BEARING	1	SN: 825001-UP
37	06300-06005	• BEARING	1	SN: 825001-UP
38	06300-06908	• BEARING	1	SN: 825001-UP
39	06300-06819	• BEARING	1	SN: 825001-UP
40	06302-32013	• BEARING	2	SN: 825001-UP
41	07000-12090	• O RING	1	SN: 825001-UP
42	07030-01030	• BREATHER	1	SN: 825001-UP
43	07040-12412	• PLUG	1	SN: 825001-UP
44	07043-70108	• PLUG	2	SN: 825001-UP

Catalog signs: ☐ part above may be used instead ☆ not supplied separately: assembly only

Reference: F4130-51A0



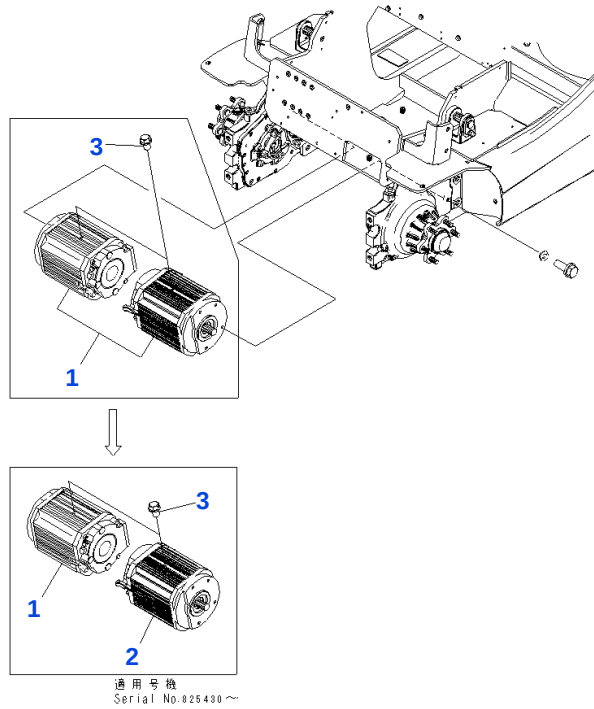
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Reference: F4230-01A0

060030 MAST MOUNTING PARTS

Item	Part No.	Part Name	Qty	Options
	3BA-21-71710	SUPPORT ASSEMBLY,(RIGHT)	1	SN: 825001-UP
	3BA-21-71810	SUPPORT ASSEMBLY, (RIGHT) (FOR FB09ML TO FB15ML)	1	SN: 825001-UP
1	3BA-21-71710WK	SUPPORT ASSEMBLY, (RIGHT) (COLD)	1	SN: 825001-UP
	3BA-21-71720SA	• SUPPORT, (RIGHT)	1	SN: 825001-UP
	3BA-21-71820SA	• SUPPORT, (RIGHT) (FOR FB09ML TO FB15ML)	1	SN: 825001-UP
2	3BA-21-71550	• BEARING	1	SN: 825001-UP
3	07020-00001	• FITTING, GREASE	1	SN: 825001-UP
	3BA-21-71730	SUPPORT ASSEMBLY, (LEFT)	1	SN: 825001-UP
	3BA-21-71830	SUPPORT ASSEMBLY, (LEFT) (FOR FB09ML TO FB15ML)	1	SN: 825001-UP
	3BA-21-71730WK	SUPPORT ASSEMBLY, (LEFT) (COLD)	1	SN: 825001-UP
4	3BA-21-71740SA	• SUPPORT, (LEFT)	1	SN: 825001-UP
	3BA-21-71840SA	• SUPPORT, (LEFT) (FOR FB09ML TO FB15ML)	1	SN: 825001-UP
5	3BA-21-71550	• BEARING	1	SN: 825001-UP
6	07020-00001	• FITTING, GREASE	1	SN: 825001-UP
7	01010-81890	BOLT	2	SN: 825001-UP
	01010-71890	BOLT, (COLD)	2	SN: 825001-UP
8	01011-81845	BOLT	2	SN: 825001-UP
	01011-71845	BOLT, (COLD)	2	SN: 825001-UP
9	01643-31845	WASHER	4	SN: 825001-UP
	01643-11845	WASHER, (COLD)	4	SN: 825001-UP
10	37A-9AE-5010	SHIM, 0.2MM	4	SN: 825001-UP
	37A-9AE-5020	SHIM, 0.5MM	4	SN: 825001-UP
	37A-9AE-5030	SHIM, 1.0MM	2	SN: 825001-UP

Reference: F4230-01A0



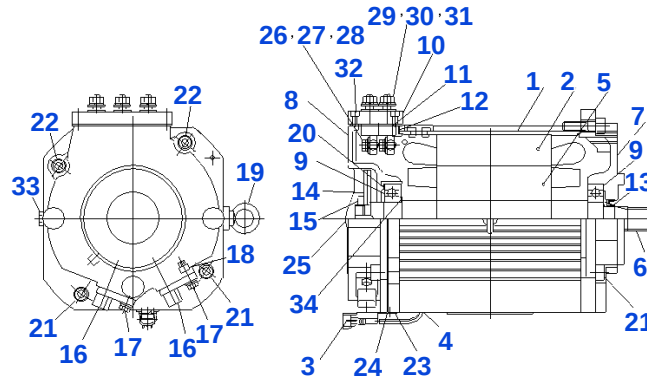
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Reference: G4110-01A0

090010 TRACTION MOTOR

Item	Part No.	Part Name	Qty	Options
1	3BA-17-71112	TRACTION MOTOR, RIGHT	1	SN: 825430-UP
	3BA-17-71111	TRACTION MOTOR	1	SN: 825001-825429
2	3BA-17-71122	TRACTION MOTOR, LEFT	1	SN: 825430-UP
3	01010-80812	BOLT	2	SN: 825430-UP
	01643-30823	WASHER	2	SN: 825430-UP
	01010-80812	BOLT	4	SN: 825001-825429
	01643-30823	WASHER	4	SN: 825001-825429

Reference: G4110-01A0



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Reference: G4110-51A0

090020 TRACTION MOTOR (INNER PARTS) (#825001-825429)

Item	Part No.	Part Name	Qty	Options
	3BA-17-71111	TRACTION MOTOR	2	SN: 825001-825429
1	30A-17-11110	• FRAME	1	SN: 825001-825429
2		• ☆ STATOR	1	SN: 825001-825429
3		• ☆ THERMOSTAT	1	SN: 825001-825429
4		• ☆ BUSH	1	SN: 825001-825429
5	30A-17-11130	• ROTOR ASSEMBLY	1	SN: 825001-825429
6		• ☆ SHAFT	1	SN: 825001-825429
7	30A-17-11150	• BRACKET, FRONT	1	SN: 825001-825429
8	30A-17-11160	• BRACKET, REAR	1	SN: 825001-825429
9	30A-17-11170	• BEARING	2	SN: 825001-825429
10	30A-17-11180	• TERMINAL	1	SN: 825001-825429
11	30A-17-11190	• PACKING	1	SN: 825001-825429
12	30A-17-11210	• PLATE	1	SN: 825001-825429
13	30A-17-11220	• SEAL, OIL	1	SN: 825001-825429
14	30B-17-11390	• GEAR	2	SN: 825001-825429
15	30B-17-11410	• NAT	1	SN: 825001-825429
16	30B-17-11310	• SENSOR, SPEED	2	SN: 825001-825429
17	30A-17-11230	• BOLT	2	SN: 825001-825429
18	30A-17-11240	• NAT	1	SN: 825001-825429
19	30A-17-11250	• BOLT, EYE	1	SN: 825001-825429
20	30B-17-11250	• WASHER	1	SN: 825001-825429
21	30A-17-11260	• BOLT	6	SN: 825001-825429
22	30A-17-11270	• BOLT	2	SN: 825001-825429
23	30A-17-11280	• BRACKET	1	SN: 825001-825429
24	30A-17-11290	• SCREW	2	SN: 825001-825429
25	30B-17-11370	• COVER	1	SN: 825001-825429
26	30A-17-11310	• BOLT	3	SN: 825001-825429
27	30A-17-11320	• WASHER	3	SN: 825001-825429
28	30A-17-11330	• WASHER	3	SN: 825001-825429
29	30A-17-11340	• NAT	3	SN: 825001-825429
30	30A-17-11350	• WASHER	3	SN: 825001-825429
31	30A-17-11360	• WASHER	3	SN: 825001-825429
32	30A-17-11370	• BOLT	4	SN: 825001-825429
33	30A-17-11380	• BOLT	1	SN: 825001-825429

Item	Part No.	Part Name	Qty	Options
34	30A-17-11390	• COLLAR	1	SN: 825001-825429

Catalog signs: ☆ not supplied separately: assembly only

Reference: G4110-51A0

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