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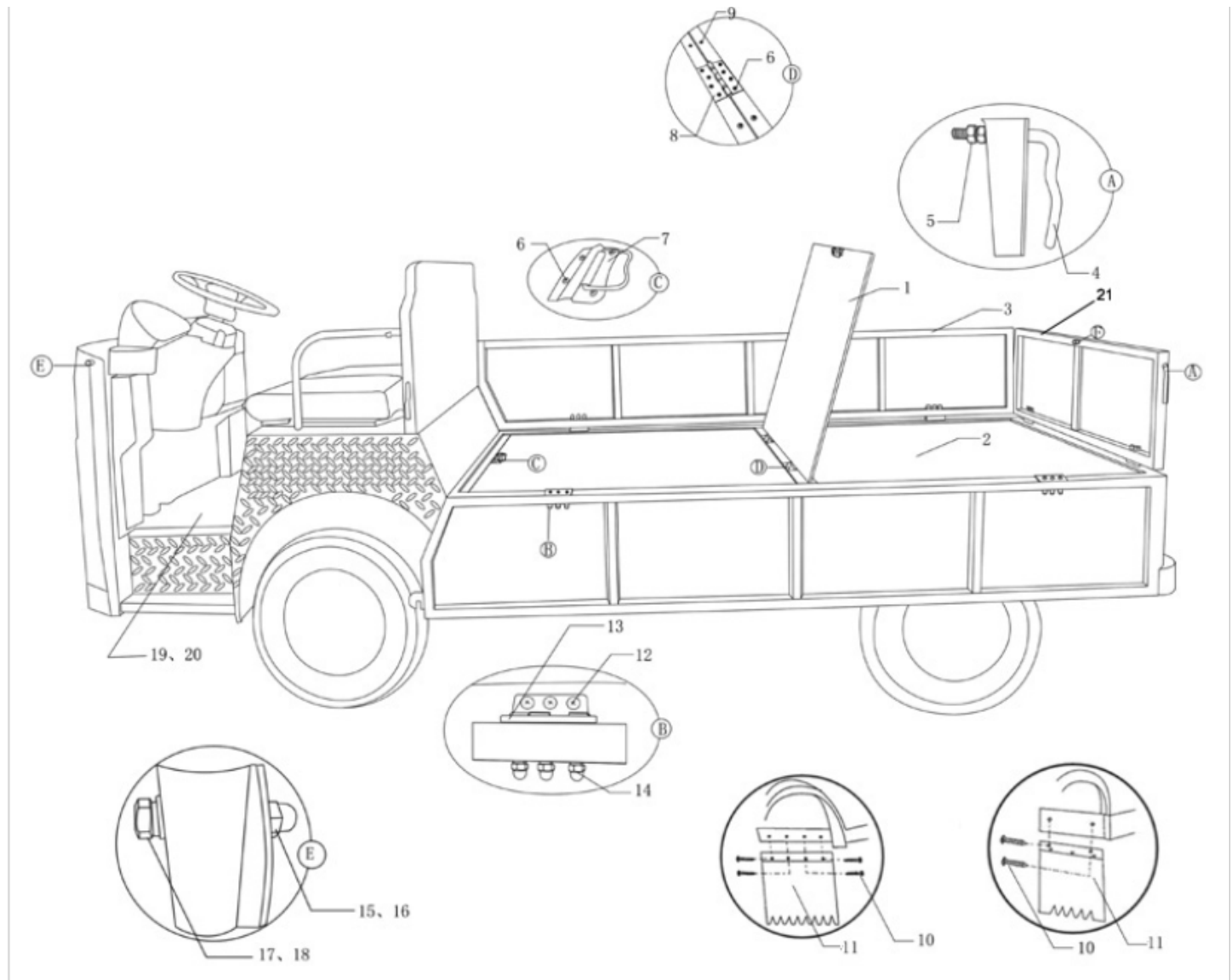
U-Series Parts Manual

48U-HA1-ADS-CAB, 72U-HA1-CAB,
48U-2-DC-ADS and 72U-AC-ADS

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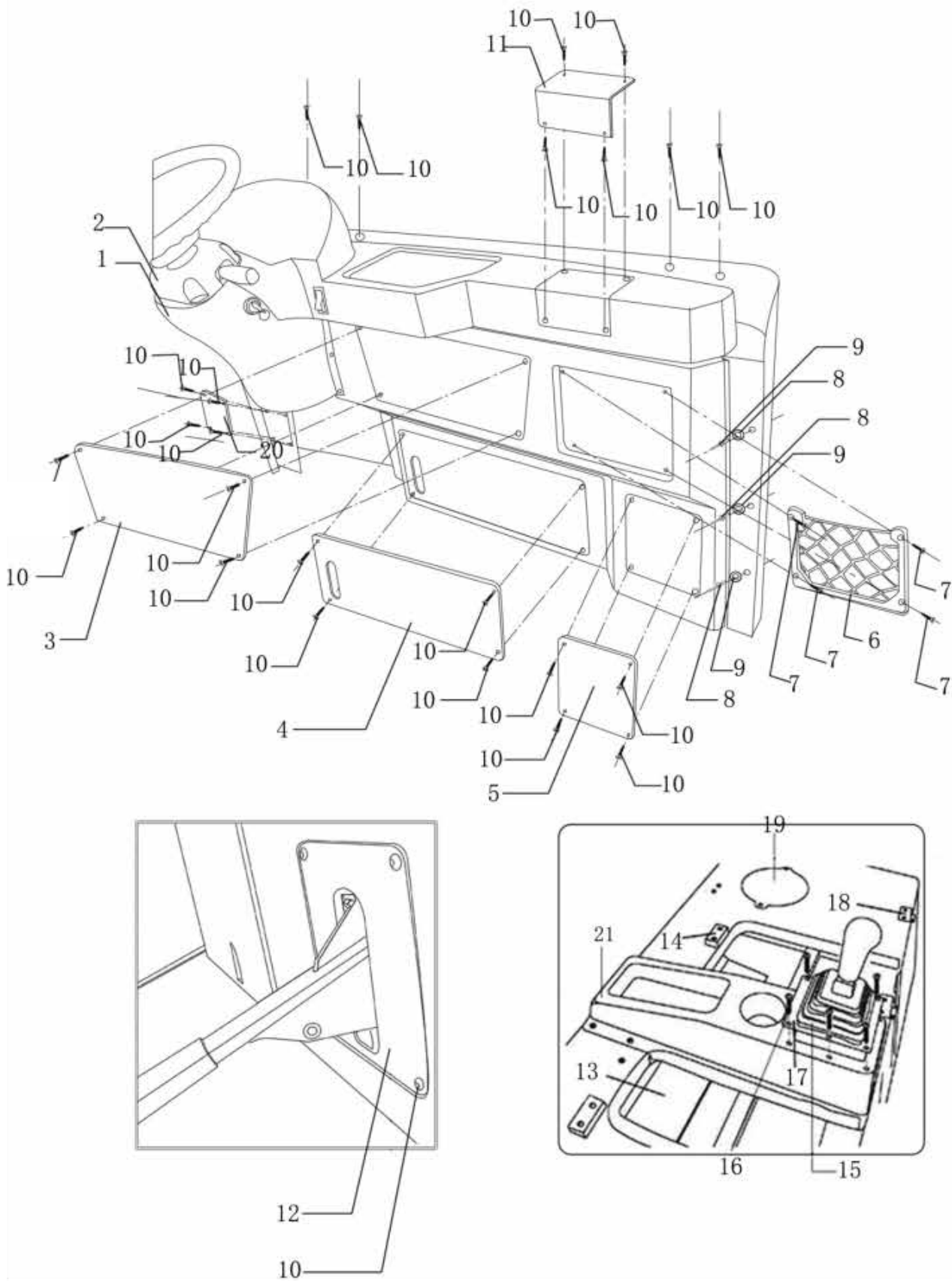
1-1 Body



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Galvanized plate		2
2		Veneer		2
3		Side board	6021H-7101020-001	2
4		Side board bolt	Q40306-304H	4
5		Hex nut M8	Q360B08	4
6		Cross groove deep head screw M4X20	Q2740420	8
7	2HG210	Cargo bed handrail	1011-9015001	2
8		Hinge		2
9		Cross groove half head screw M4x16	Q2730416	20
10		Closed deep head rivet M4x18	Q4430418	16
11		Front Mudguard	6082-9005001	2
12		Cross groove deep head bolt M8x55		2
13		Hinge		4
14		Closed head nut M8	Q394B08	4

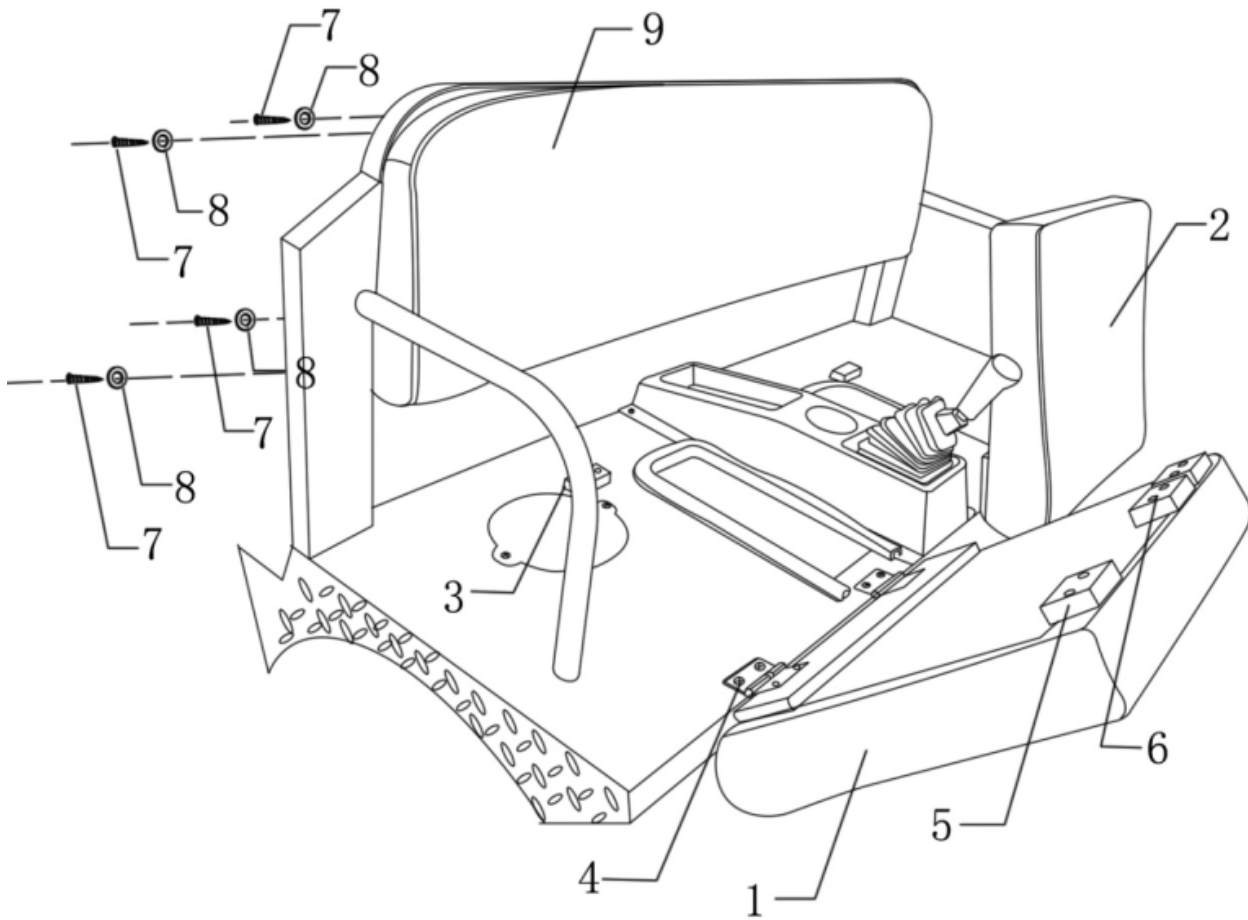
15		Gasket spring M8	Q40308	4
16		Buffer		2
17		Hex bolt M8x50		2
18		Washer	Q40108	2
19		Bamboo mat	1011-5105000	1
20		Floor mat		1
21		Rear board	6021H-7101030-001	1

1-2 Instrument Board



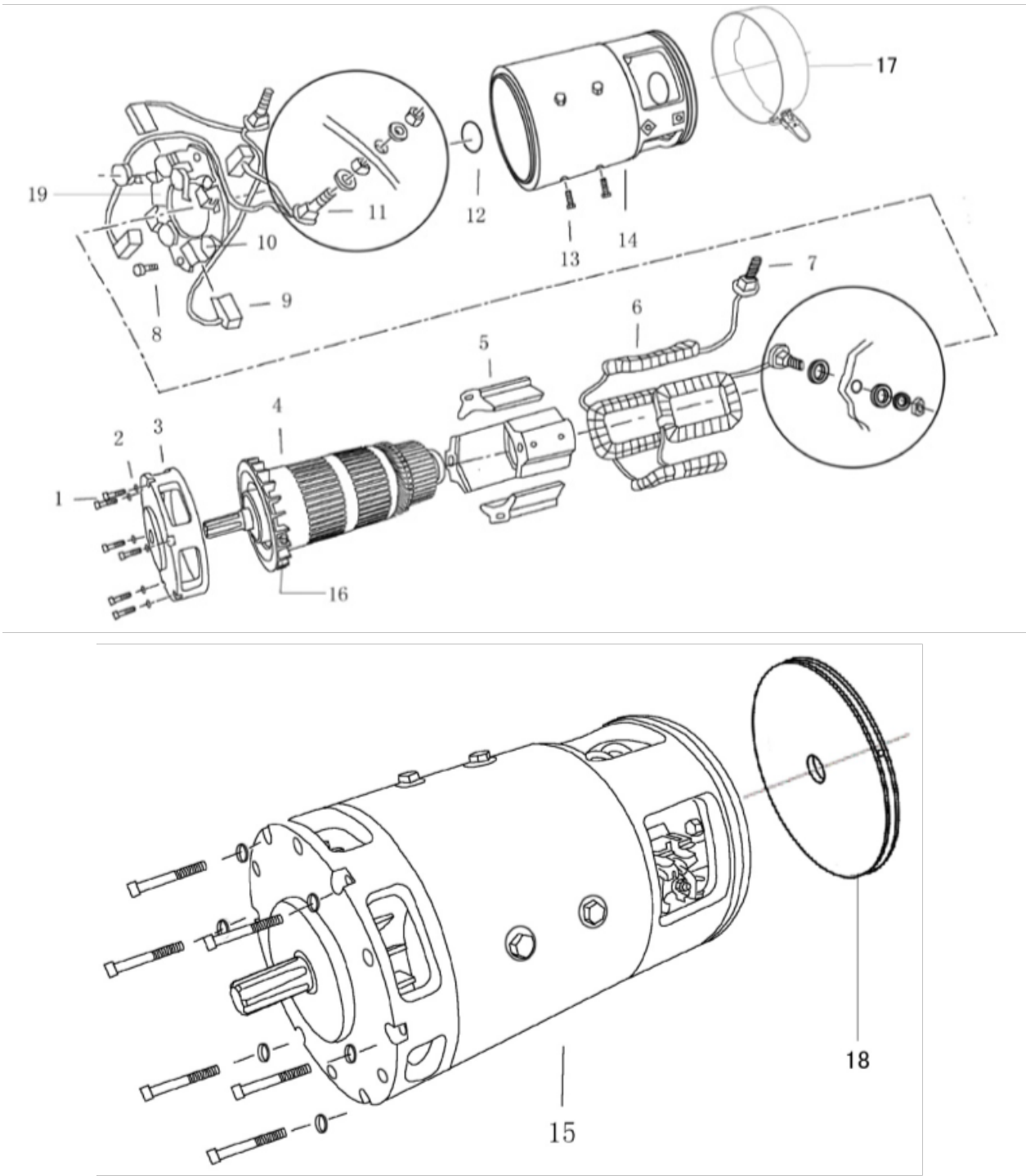
Item No.	STAR EV Part No.	Description	MPN	Qty
1		Steering column cover	5103081-014	1
2		Combination switch cover	6082-5205003	1
3		Wiper access	6082-5205022	1
4		Accelerator access	6082-5205015	1
5		Right headlight access	6082-5205014	2
6		Storage net	6041-5205011	1
7		Cross groove deep head screw M5x30	Q2740530	1
8		Closed flat head rivet M5x18	Q4420518	6
9		Big washer M6	Q40206	6
10		Cross groove half-round head screw M4x16	Q2730416	14
11		Harness access		1
12	2PB111	Parking brake handle access	6082-5102013	1
13		Controller waterproof cover		1
14		Little position block	6082-6501105	2
15	2TN041	Dustproof cover	2103022-002	1
16		Cross groove half-round head screw M4x30	Q2730430	7
17		Press plate for gear shift lever dustproof cover	2103021-002	1
18		Seat gemel	6083-6501310	10
19		Front shock absorber access	6082-5102012	2
20		Left headlight access	6082-5205012	1
21	2CP030	Gear shift lever base	2103023-002	1

1-3 Seat and Backrest



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2CS143	Passenger seat cushion	6082-650116	1
2	2CS142	Driver seat cushion (larger)	6082-6501101	1
3		Little position block	6082-6501105	4
4		Cross groove deep head screw M4x30	Q2740430	16
5		Little position block	6082-6501104	6
6		Cross groove disc head screw M4x25	Q2710425	12
7		Cross groove disc head screw M6x30	Q2710630	4
8		Big washer M6	Q40206	4
9		Backrest	1011-6501102	1
10	2CS145	Bench seat bottom cushion (Autodrive model only)		1

2-1 Motor Assembly



48 V, 3 KW Series Motor

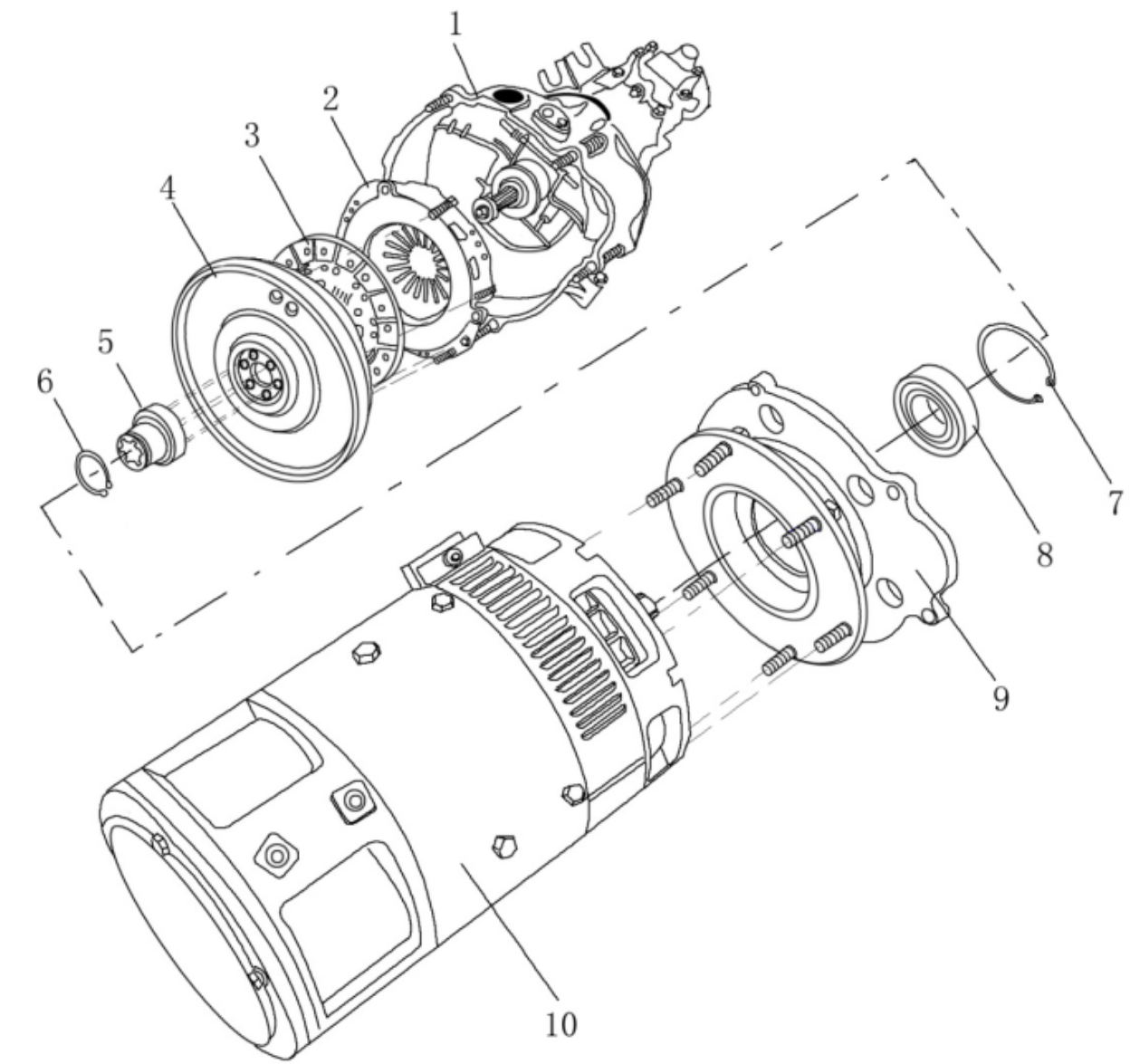
Item No.	STAR EV Part No.	Description	MPN	Qty
1		Inner cross head screw		6
2		Washer		6
3		Motor cover		1
4		Armature		1
5		Pole core		4

6		Field coil kit		4
7		Bolt		2
8		Bolt		4
9		Carbon brush	XQ-3-1H/020	1
10		Brush spring	XQ-3-1H/030	4
11		Bolt		2
12		Snap ring		1
13		Bolt		8
14		Motor case		1
15		Motor Assembly	XQ-3-1H	1
16		Fan		1
17		Carbon brush access		1
18		Motor lag		1
19		Brush shelf	XQ-3-1H/040	1

48 V, 5 KW Series Motor

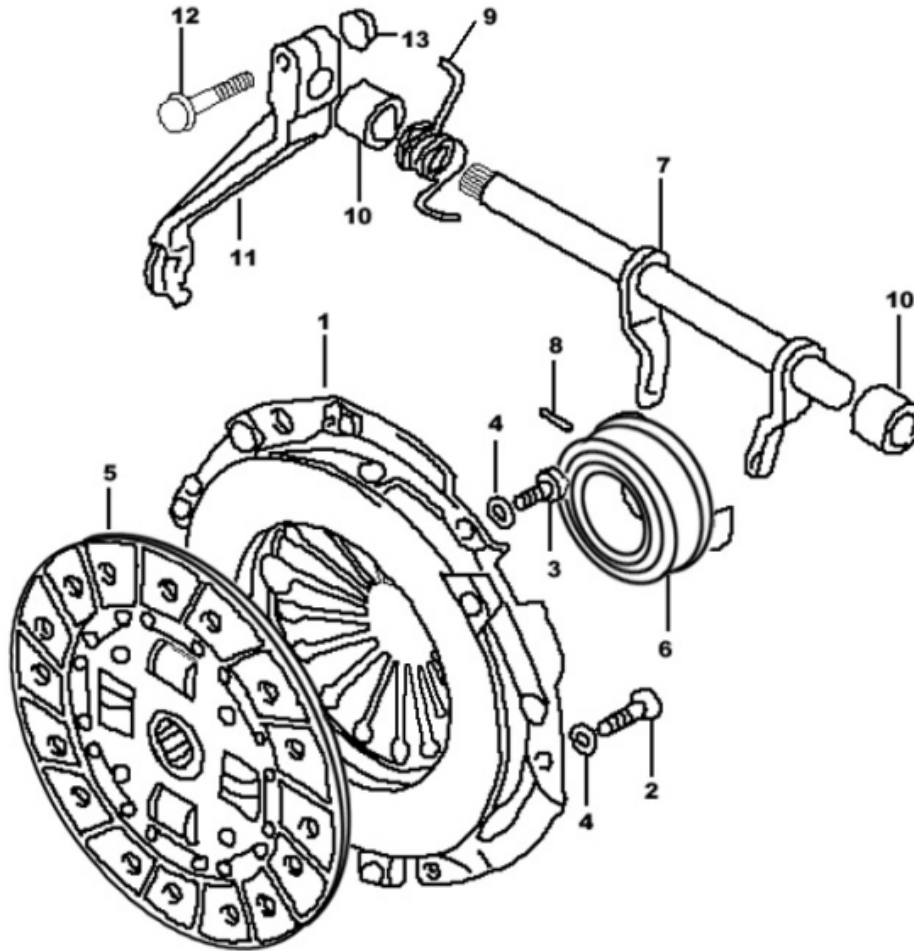
Item No.	STAR EV Part No.	Description	MPN	Qty
1		Inner cross head screw		6
2		Washer		6
3		Motor cover		1
4		Armature		1
5		Pole core		4
6		Field coil kit		4
7		Bolt		2
8		Bolt		4
9		Carbon brush	XQ-5H/020	1
10		Brush spring	XQ-5H/030	4
11		Bolt		2
12		Snap ring		1
13		Bolt		8
14		Motor case		1
15		Motor Assembly	XQ-5H	1
16		Fan		1
17		Carbon brush access		1
18		Motor lag		1
19		Brush shelf	XQ-5H/040	1

2-2 Power Train System



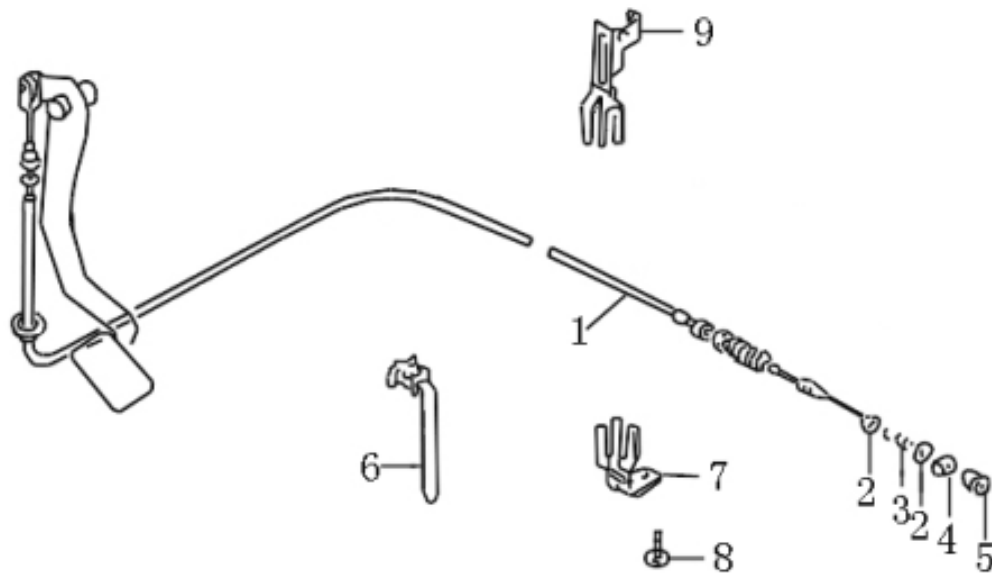
Item No.	STAR EV Part No.	Description	MPN	Qty
1	2TN100	Gear-box	2101000-008	1
2	2TN010	Clutch cover	1901200-005	1
3	2TN000	Clutch driven disk	1901300-005	1
4		Flywheel	1901100-002	1
5		Flange	1002020-006	1
6		Bearing spring baffle	Q43140	1
7		Spring baffle	Q43090	1
8	2BE016	Bearing	6308-2Z	1
9		Connecting shell	1002010-002	1
10		Direct current motor		1

3-1 Clutch and Control



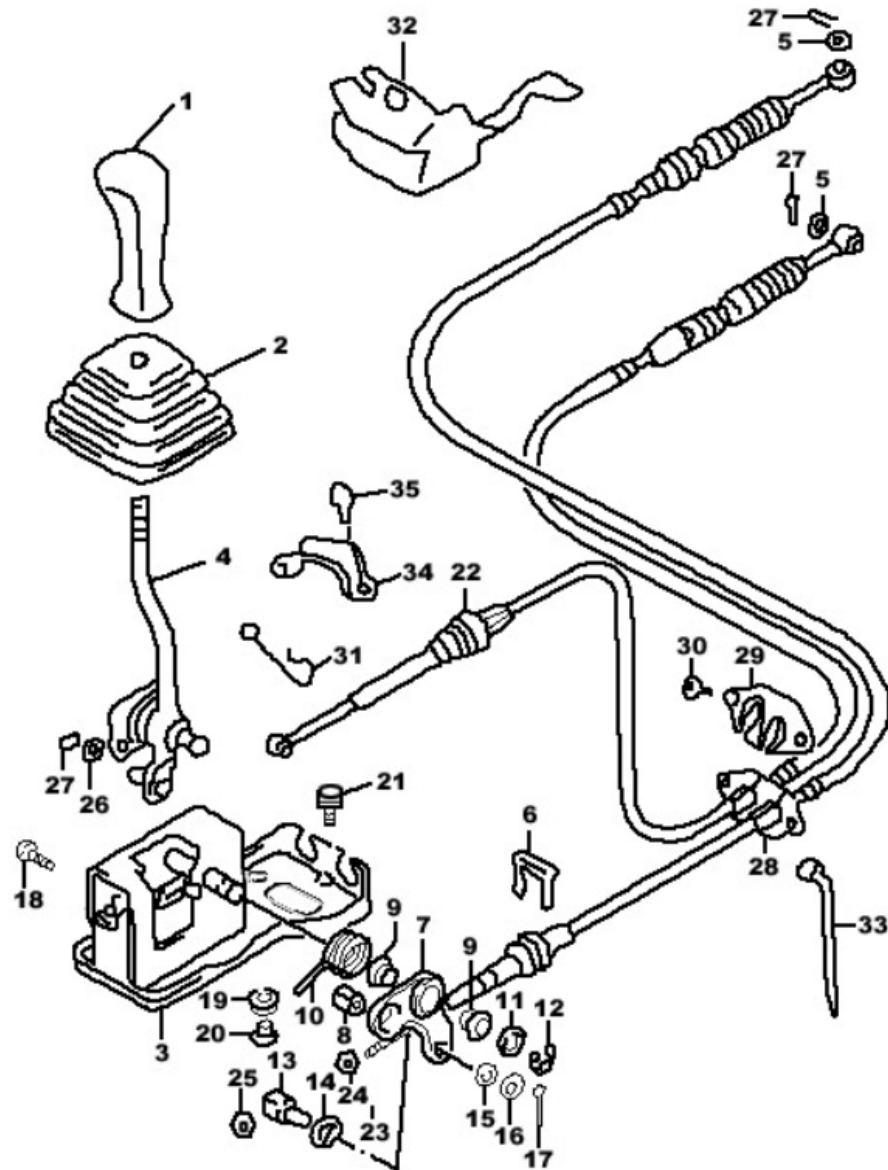
Item No.	STAR EV Part No.	Description	MPN	Qty
1	2TN010	Clutch cover	1901200-005	1
2		Locating screw	462-1005201	2
3		Screw	462-1000238	4
4		Spring washer	GB859-878	6
5	2TN000	Cutch driven disk	1901300-005	1
6	2BE008	Release bearing	462-1601025	1
7		Clutch release shaft assembly	462-1601806	1
8		Spring cylinder pin	462-1061807	1
9		Clutch release shaft spring	462-1601022	1
10		Clutch release bearing	462-1601021-A	1
11		Clutch arm	462-1700012-A	1
12		Screw	GB5787-M8×38	1
13		Clutch cap nut	GB6172-M8	1

3-2 Clutch Cable



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Clutch tight wire assembly	1901410-002	1
2		Clutch tight wire link ring	GB97.1-6-140HV-ZnD	2
3		Clutch tight wire spring	2120-1602004	1
4		Clutch tight wire link pin	2120-1602005	1
5		Clutch tight wire link nut	2120-1602006	1
6		Clutch tight wire No.1 clamp	2120-1602007	2
7		Clutch tight wire No.2 clamp	2120-1602008	1
8		Clutch tight wire clamp bolt	2120-1602009	1
9		Clutch tight wire No.3 clamp	2120-1602010	1

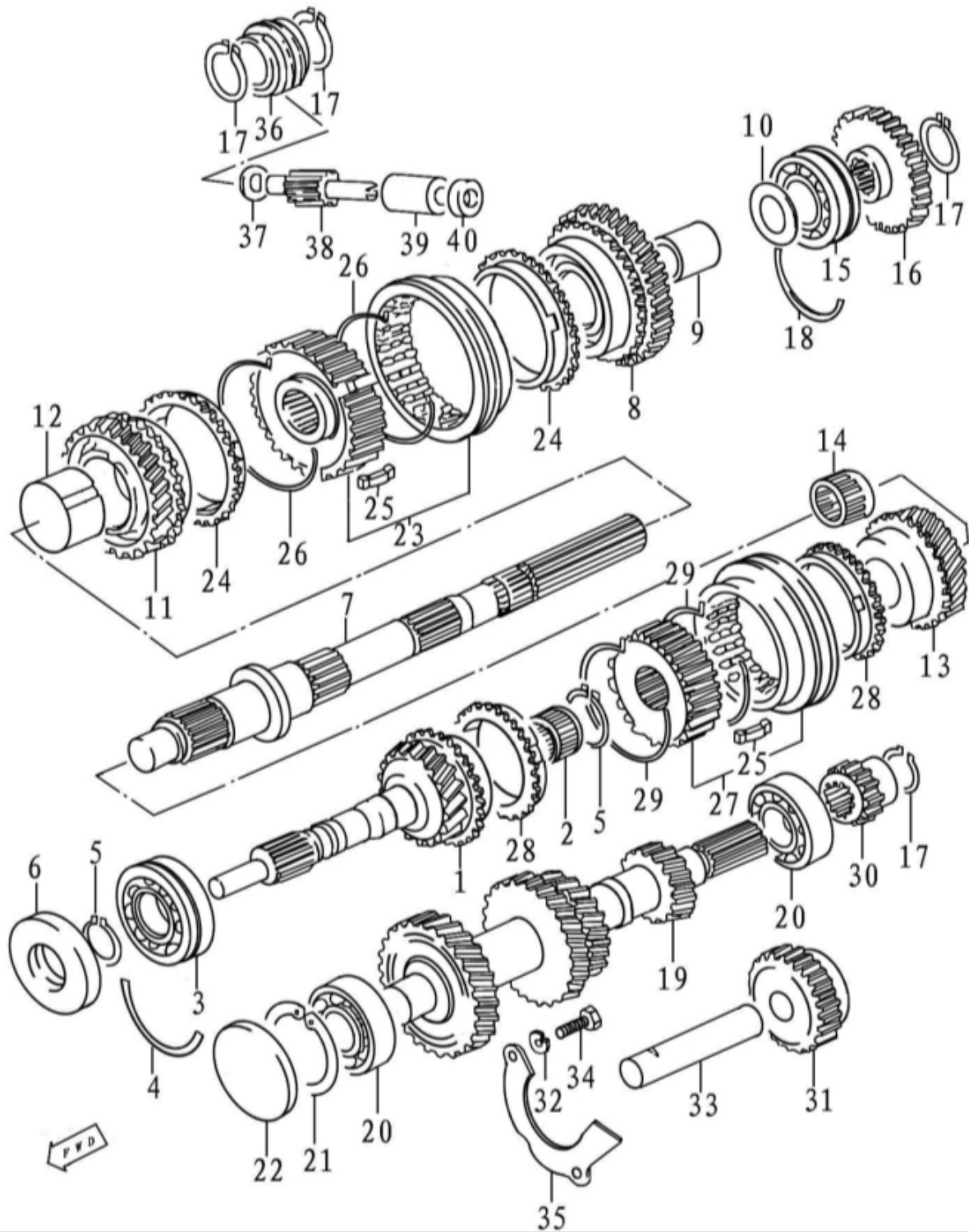
3-3 Gear Shifting Control



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Gear shift lever (include item 2)	2103100-002	1
2	2TN041	Gear shift lever Boot	2103022-002	1
3		Bracket assembly	2120-1-1703101DA	1
4		Shifting lever assembly	2120-1-1703110DA	1
5		Washer, plain	Q/2A-CJ-476	2
6		Washer	Q/2A-CJ-425	2
7		Arm assembly, rocket	2120-1-1703130CA	1
8		Bush	2120-1-1703103DA	1
9		Bush	2120-1-1703101CA	2
10		Spring, return	Q/2A-CJ-435	1
11		Washer, plain	Q40112	1
12		Retainer	Q43690	1

13		Fitting	2120-1-1703108CA	1
14		Bush, shaft	2120-1-1703105CA	1
15		Washer, plain	Q40108	2
16		Spring washer, saddle	Q/2AM26-8	1
17		Split pin	Q5002020	1
18		Blot, washer assembled	Q/2A-CJ-29-M5×12	4
19		Spacer, bump	2120-1-1703106CA	4
20		Bush	2120-1-1703107CA	4
21		Blot, washer assembled	Q/2A-CJ-63-M6×30	4
22	2CB503	Cable assembly shift control, green (58" / 147 cm tip to tip)	2102100-005	1
23	2CB502	Cable assembly select control, red (56" / 142 cm tip to tip)	2102200-005	1
24, 25		Nut, hexagon	Q/2A-CJ-473-M6	2
26		Washer	Q/2AJ-8×14×1.5	1
27		Pin snap	Q/2A-CJ-462-8	3
28		Seat , fixing	2120-1-1703013CA	1
29		Plate, fixing	2120-1-1703012CA	1
30		Screw, cross recess disk head tapping	Q271B6316	2
31		Hook, guide	Q/2A-CJ-476-120	1
32		Bracket, cable rear	2120-1-1703010FA	1
33		Cassette, plastic	Q/2A-CJ-415	2
34		Plate, guide	2120-1-1703006CA	1
35		Blot, washer assembly	Q/2A-CJ-30-M6×12-8.8	2

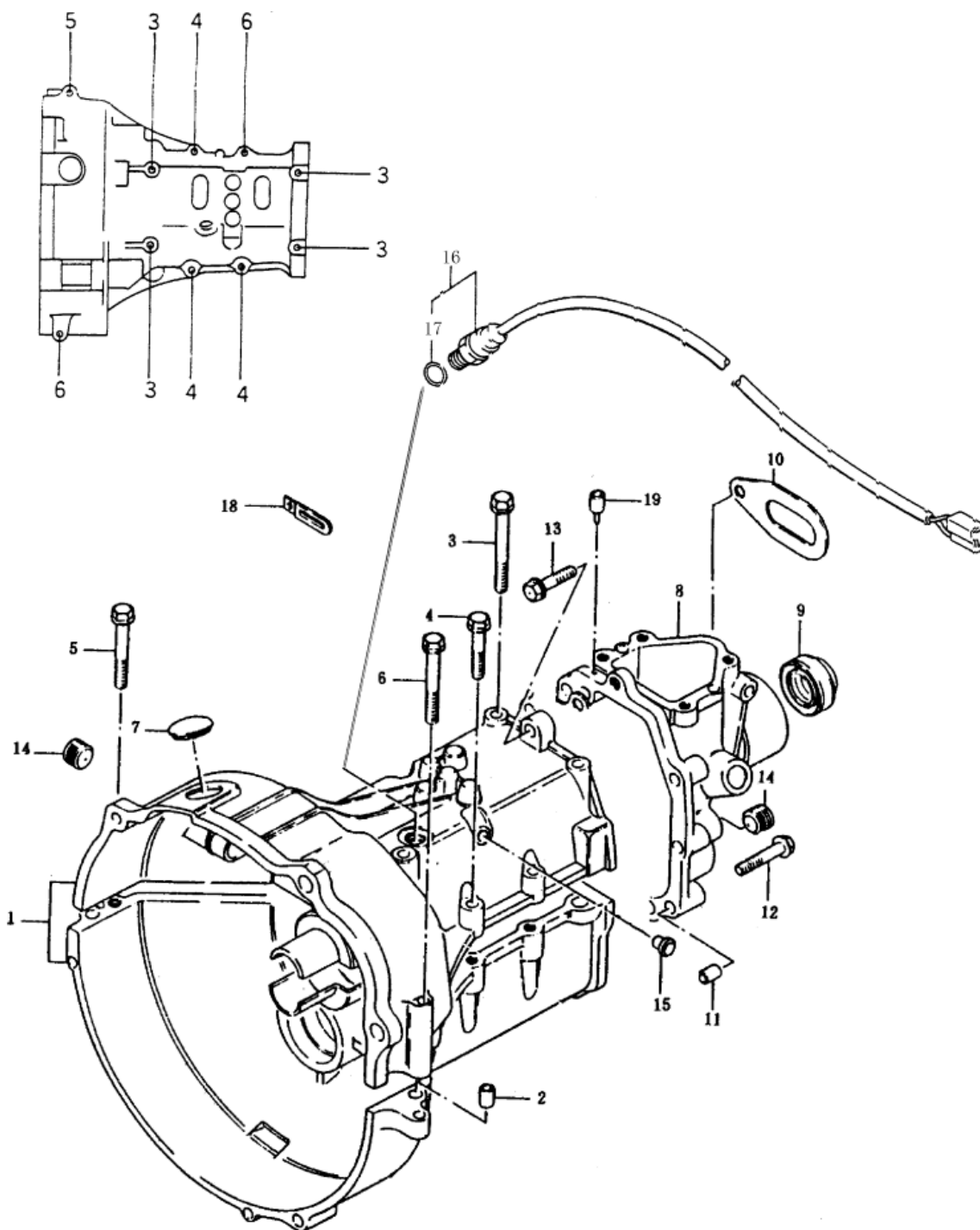
3-3 Gear Box



Item No.	STAR EV Part No.	Description	MPN	Qty
1		1st shaft Assembly	1701030-MR406A31	1
2		Roller bearing	GB5846-86K17.52216	1
3		Bearing	GB/T276-94 6204N	1
4		"C" type bearing locking ring	1701036-MR406A01	1
5		Retaining ring	Q/JZ0910S=1.3	2
6	20L000	1st shaft oil seal	1701086-MR406A01	1

7		No.2 shaft	1701105-MR406A01	1
8		1st shaft gear	1701113-MR406A01	1
9		1st shaft gear bush	1701124-MR406A01	1
10		Thrust washer	1701125-MR406A01	1
11		2nd shaft gear	1701126-MR406A01	1
12		2nd shaft gear bush	1701143-MR406A01	1
13		3rd shaft gear	1701132-MR406A01	1
14		Roller bearing	GB5846-86K303524	1
15		Bearing	GB/T276-94 6205N	1
16		Reverse driven gear	1701112-MR406A01	1
17		Retaining ring	Q/JZ0910S=1.3	1
18		“C” type bearing locking ring	1701037-MR406A01	1
19	2RR030	Middle gearing shaft	1701047-MR406A01	1
20		Bearing	GB/T276-946204	2
21		Retaining ring	Q/JZ0910S=1.7	1
22		Rubber plug Assembly	1701057-MR406A01	1
23		1st /2nd shaft Synchronizer	1701115-MR406A01	1
24		Low-speed baulk ring	1701129-MR406A01	2
25		Key	1701121-MR406A01	6
26		Spring hog ring	1701130-MR406A01	2
27		3rd/ 4th shaft Synchronizer	1701116-MR406A01	1
28		High-speed baulk ring	1701120-MR406A01	2
29		Spring hog ring	1701122-MR406A01	2
30		Reverse drive gear	1701144-MR406A01	1
31		Reverse middle gear	1701083-MR406A01	2
32		Spring washer		2
33		Reverse gear shaft	1701092-MR406A01	1
34		Screw	Q/JZ0904	2
35		Bearing baffle	1701098-MR406A01	1
36		Speed chart	1701141-MR406A01	1
37		Thrust washer	GB848-85 8	1
38		Speed chart driven gear	1701142-MR406A01	1
39		Bush	1701140-MR406A01	1
40		Oil-sealing ring Assembly	1702049-MR406A01	1

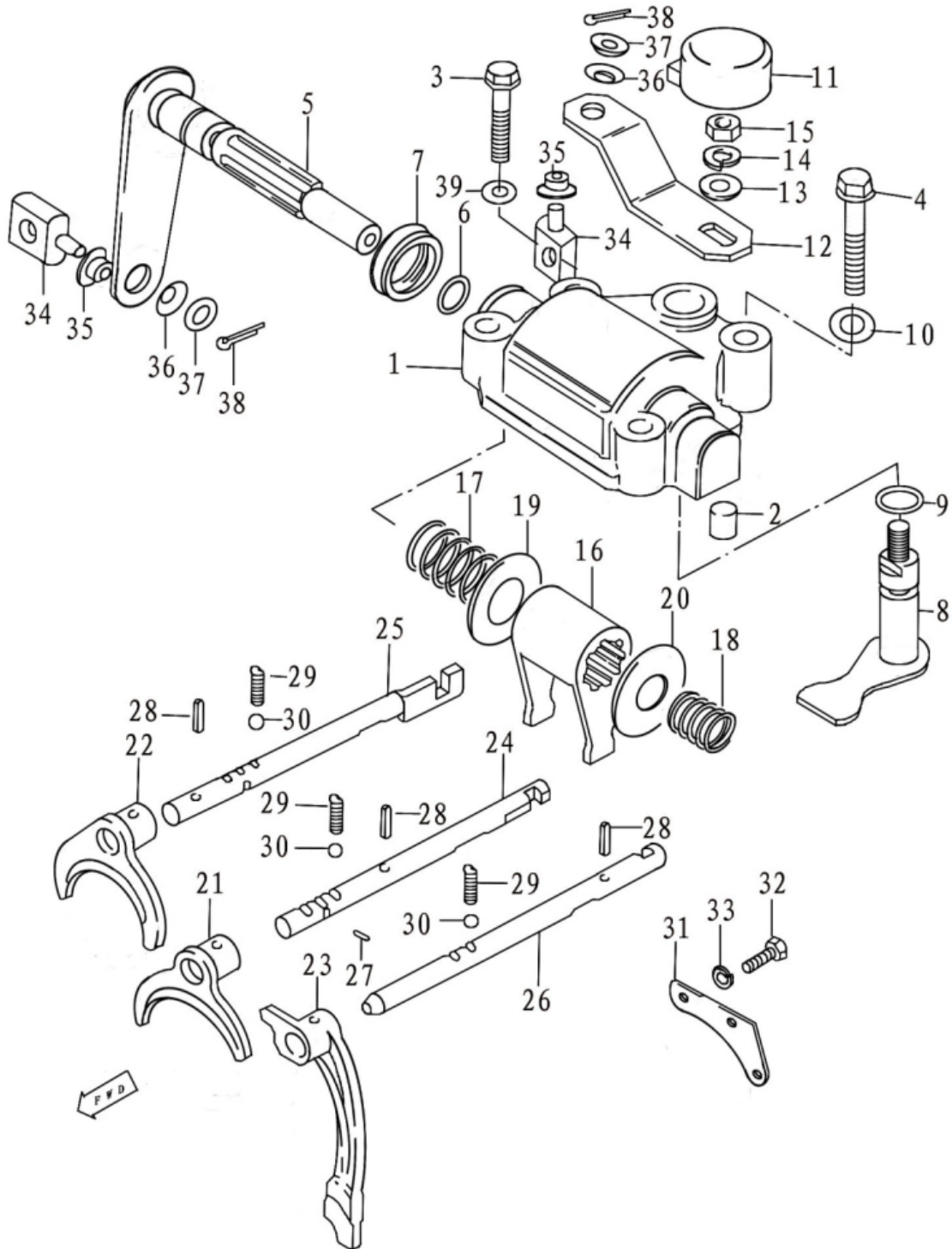
3-5 Transmission House



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Top and bottom housing assembly	1701012-MR406A01	1
2		Cylindrical pin	1702261-MR406A01	1
3		Bolt M8×95	Q/JZ0904	2
4		Bolt M8×40	Q/JZ0904	4
5		Bolt M8×80	Q/JZ0904	4

6		Bolt M8×80	Q/JZ0904	1
7		Top housing cover	1702213-MR406A01	1
8		Extension housing assembly	1702040-MR406A01	1
9		Seal ring assembly	1702045-MR406A01	1
10		Hoist ring	1702231-MR406A01	1
11		Cylindrical pin	1702261-MR406A01	2
12		Bolt M8×30	Q/JZ0904	7
13		Bolt M8×30	Q/JZ0904	1
14		Plug	1709905-MR406A01	2
15		Plug	1702055-MR406A01	1
16		Reverse light switch	1709910-MR406A01	1
17		O-ring	GB3452.1-82	1
18		Clip	1702251-MR406A01	2
19		Exhaust plug	1702044-MR406A01	1

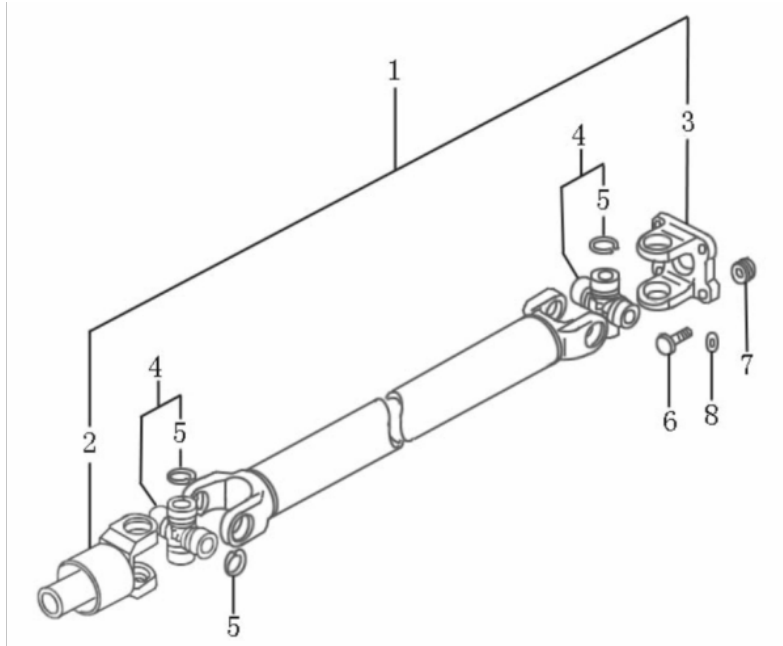
3-6 Transmission Control



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Shift crank shaft case	1702042-MR406A01	1
2		Location pin	GB119-86 A6×12	1
3		Screw	Q/JZ0904	3
4		Screw		1

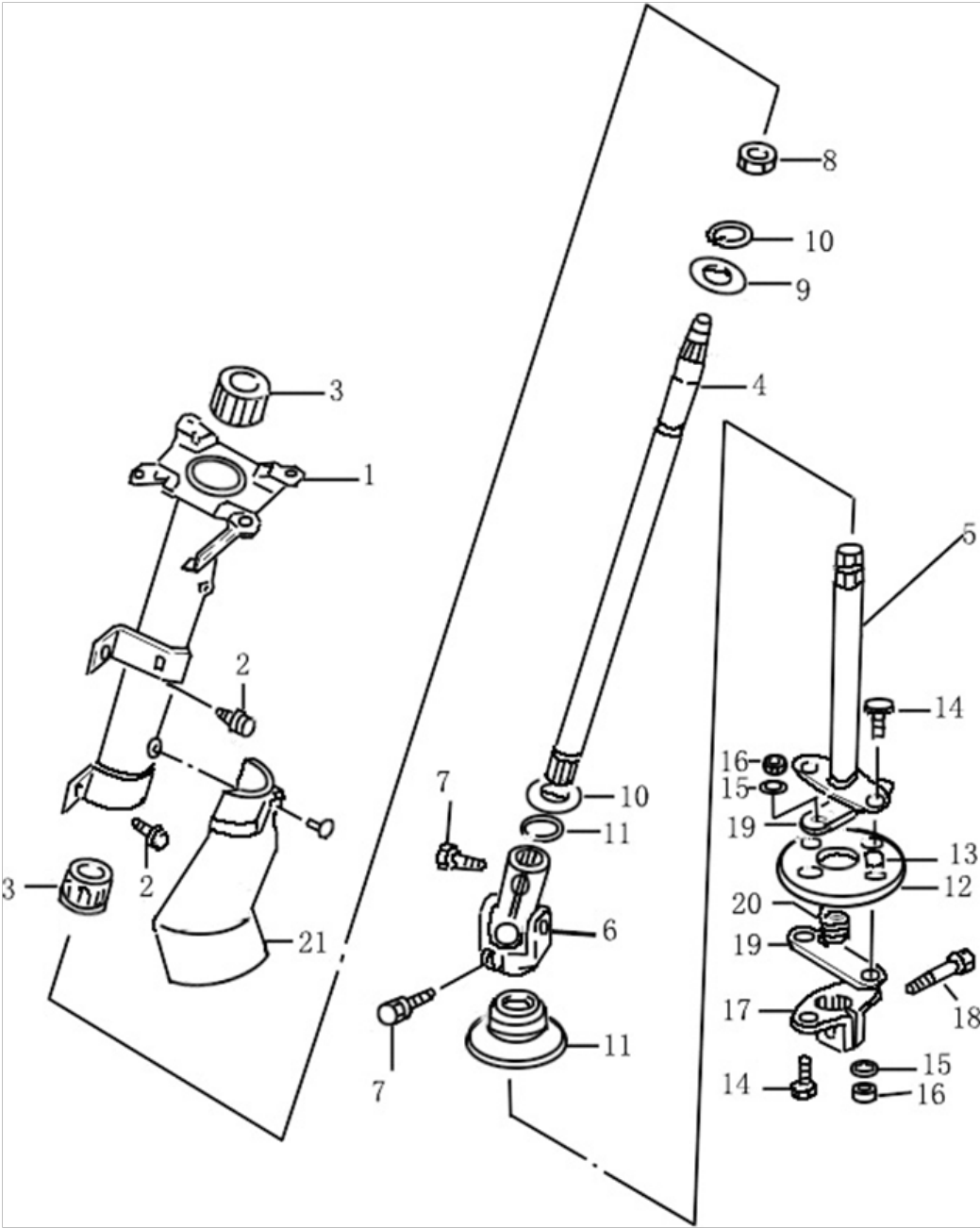
5		Shift crank shaft Assembly		1
6		Rubber gasket	GB3452.1-82	1
7		Rubber cap	1702095-MR406A01	1
8		Shifting arm shaft	1702097-MR406A01	1
9		Rubber gasket	GB3452.1-82	1
10		washer		1
11		Rubber cap	1702096-MR406A01	1
12		Rocker	1702120-MR406B01	1
13		Washer	GB97.1-85 M8	1
14		Spring washer	GB859-87 M8	1
15		Nut	GB6170-86 M8	1
16		Shifting fork	1702092-MR406A01	1
17		Spring	1702093-MR406A01	1
18		Spring	1702215-MR406A01	1
19		Washer	1702094-MR406A01	1
20		Washer	1702102-MR406A01	1
21		1st/2nd shift fork	1702026-MR406A01	1
22		3rd/4th shift fork	1702029-MR406A01	1
23		Reverse fork	1702025-MR406A01	1
24		1st/2nd shift fork shaft	1702059-MR406A01	1
25		3rd/4th shift fork shaft	1702068-MR406A01	1
26		Reverse fork shaft	SC110-1702069	1
27		Lockself pin	GB309-84	1
28		Spring pin	Q/JZ0903	3
29		Spring	1702087-MR406A01	3
30		Steel ball	GB308-89 7.9375	5
31		Baffle	1702088-MR406A01	1
32		Screw	Q/JZ0904	2
33		Spring washer		2
34		Rocker connecting		2
35		Bush		2
36		Saddle spring washer		2
37		Washer		2
38		Split pin		2
39		Washer		3

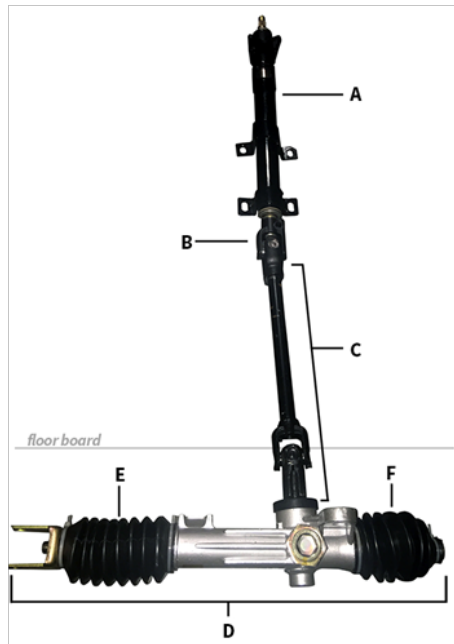
3-7 Propeller Shaft Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Shaft assembly, propeller	2202100-012	1
2		Sliding yoke assembly	1010-2201120A	1
3		Flange	1010-2201110A	1
4	2DS010	Spider assembly	1010-2201140A	2
5		Retainer	1010-2201147A	8
6		Bolt, hex-head	GB5783-M8×25	4
7		Nut assembly		4
8		Washer	GB93-87 8	4

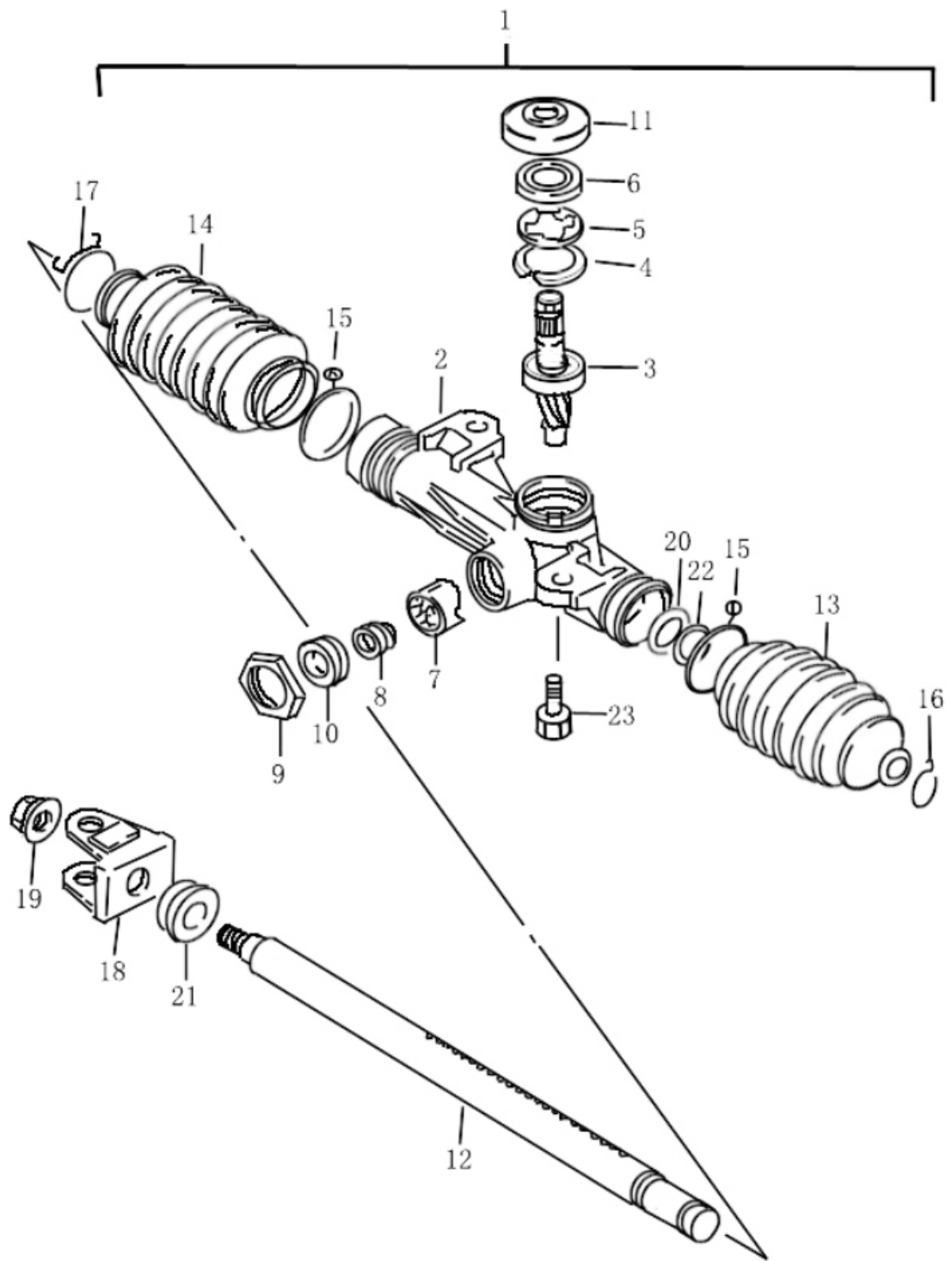
4-1 Steering Shaft Assembly





Item No.	STAR EV Part No.	Description	MPN	Qty
1	2ST110	Steering column, assembly	2705100-002	1
2		Steering column bolt (discontinued)	3403-011	4
3	2BS520	Steering column bushing	3403-012	2
4		Steering upper shaft (part of item 1)	3403-020	1
5	2ST200	Steering lower shaft	2704300-005	1
6	2ST300	Universal joint	2704100-001	1
7		Upper tie end bolt (discontinued)	3403-031	2
8	2ST211	Steering shaft nut	3403-021	1
9		Steering shaft washer (discontinued)	Q40308	2
10		Steering shaft spring washer (discontinued)	GB/T894.1-1986-17	2
11		Dust seal of Steering shaft (discontinued)	3403-022	1
12	2BS610	Coupling rubber	0303-044	1
13	2BS600	Coupling rubber bushing	3403-043	4
14		Bolt (discontinued)	3403-041	4
15		Spring washer (discontinued)	Q40312	4
16		Nut (discontinued)	Q340B08	1
17		Tie flange end (discontinued)	3403-045	1
18		Coupling rubber bolt (discontinued)	0403-046	1
19	2BS620	Coupling rubber plate (discontinued)	34703-042	2
20		Spring (discontinued)	3403-044	1
21		Steering tie end cover (discontinued)	3403-013	1
A	2ST110	Steering column, assembly	2705100-002	1
B	2ST300	Universal joint	2704100-001	1
C	2ST200	Steering lower shaft	2704300-005	1
D	2ST540	Steering geat assembly	2701100-005	1
E	2ST001	Boot	3401-050	1
F	2ST002	Boot	3401-060	1
G	2ST003	Dust seal (rubber boot)	3403-22	1

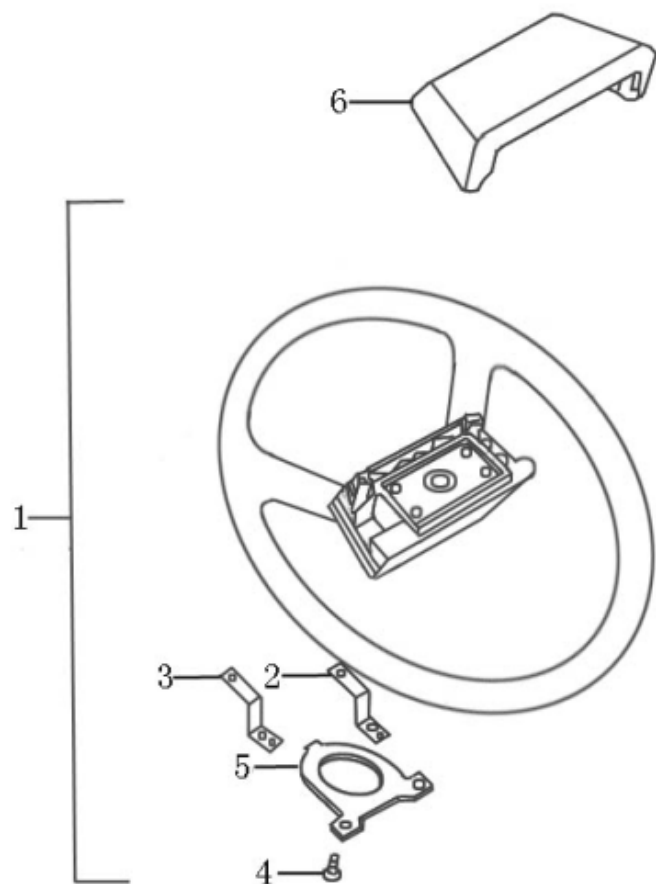
4-2 Steering Gear Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2ST540	Steering gear assembly	2701100-005	1
2		Steering gear housing	3401-010	1
3		Pinion	3401-020	1
4		Gear bearing spring washer	3401-021	1
5		Gear bearing washer	3401-022	1

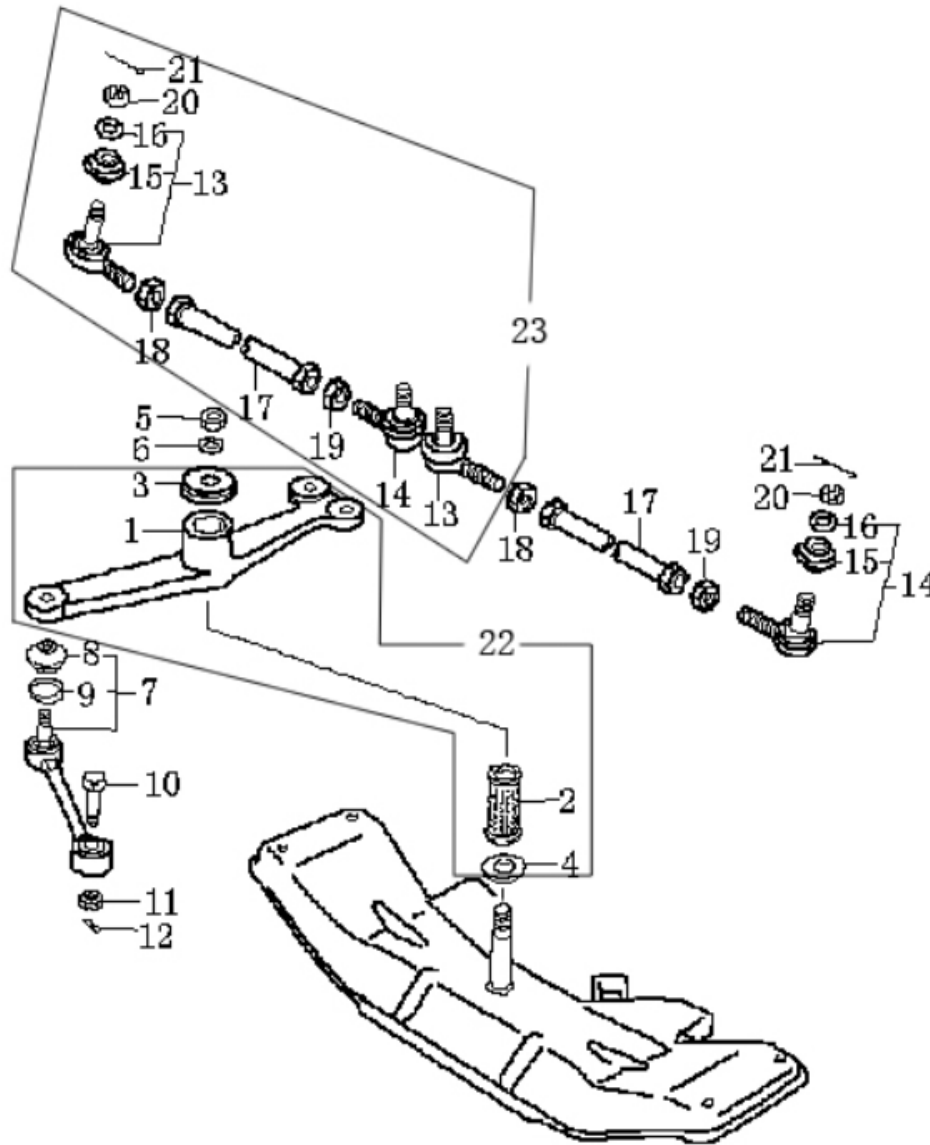
6		Steering gear oil seal	3401-023	1
7		Steering rack plug	3401-030	1
8		Rack plug spring	3401-031	1
9		Rack damp nut	3401-032	1
10		Rack damp bolt	3401-033	1
11		Cap of pinion	3401-024	1
12		Steering rack	3401-040	1
13	2ST001	Dust boot 1 of rack	3401-050	1
14	2ST002	Dust boot 2 of rack	3401-060	1
15		Dust boot of rack, lock	3401-061	2
16		Dust boot of rack, lock 1	3401-052	1
17		Dust boot of rack, lock 2	3401-053	1
18		York, rack	3401-041	1
19		York nut, rack	3401-042	1
20		Limit ring of rack,no.1	3401-053	1
21		Limit ring of rack,no.2	3401-043	1
22		Limit ring of rack, spring	3401-054	1
23		Bolt of steering gear	Q/2A-CJ-175A-M10×1.25×45-8.8	2

4-3 Steering Wheel Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2SL000	Steering wheel	2702100-002	1
	2SL020	Wood grain steering wheel	2702100-005	1
2		Steering horn right spring	48125-85500	1
3		Steering horn left spring	48126-8500	1
4		Bolt	48124-8600	2
5		Sliding ring	48152-85500	1
6		Steering horn cap	48120-85520	1

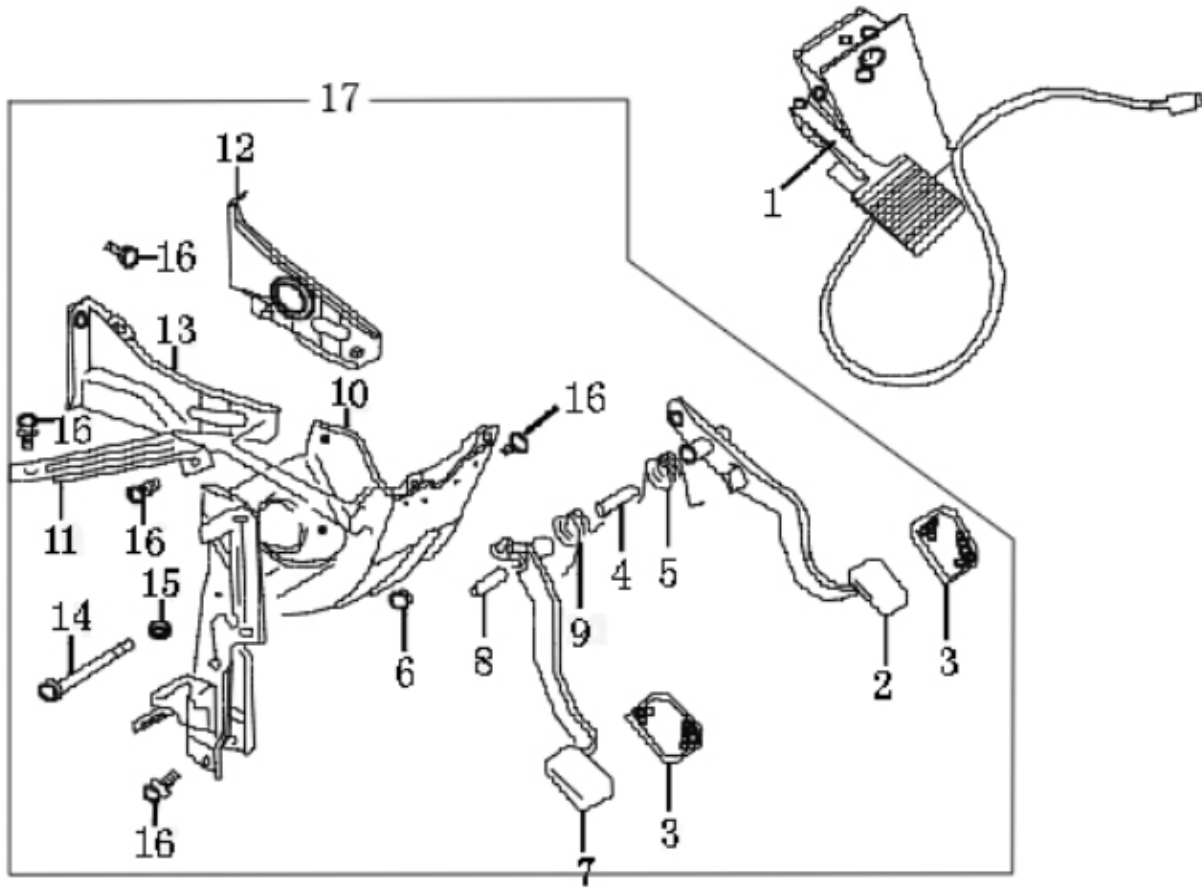
4-4 Pitman Arm, Drag Link, Tie rod



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2ST700	Pitman arm	2706200-014	1
2	2BS500	Pitman arm bush	3402-3003110A	1
3		Pitman arm dust cap	3402-3003001A	1
4		Pitman arm washer	3402-3003002A	1
5		Pitman arm nut	18×1.5Q/7Am-218-92.8	1
6		Pitman arm lock washer		1
7	2ST800	Steering drag link Assembly	2706100-014	1
8		Dust cap	3402-3003217A	2
9		Lock spring	3402-3003218A	2
10		Steering drag link bolt		1
11		Nut	M12×12.5A/7Am-216-92	2
12		Split pin	GB91-3.2×24-Zn-D	2

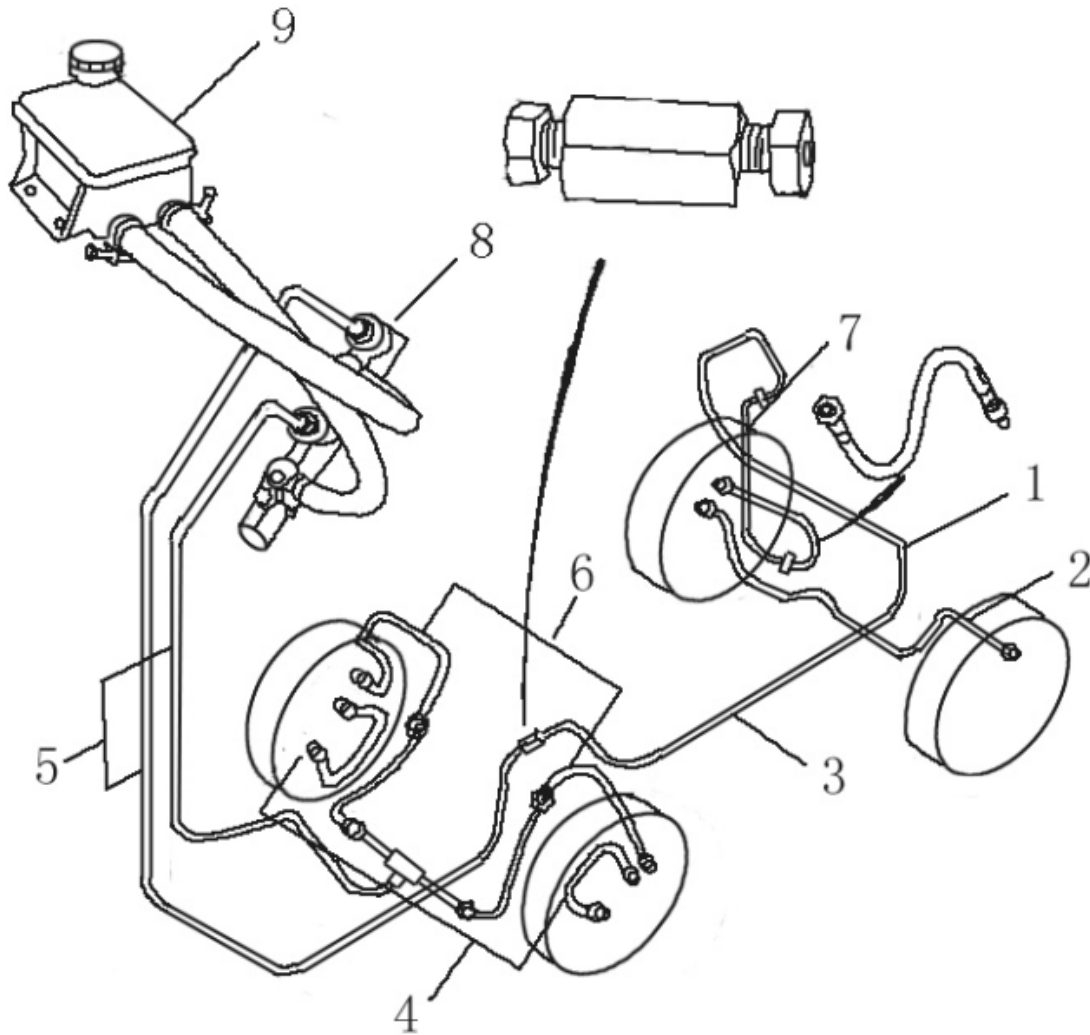
13	2TI050	Ball joints for tie rod (set, LH and RH thread)	2706120-036	2
14				2
15		Dust cap	3402-3003217A	4
16		Lock spring	3402-3003218A	4
17		Tie rod		2
18		Nut (right)	M14×1.5Q/7Am-211-8	2
19		Nut (left)	M14×1.5Q/7Am-211-8	2
20		Nut	M12×1.25Q/7Am-216-92	4
21		Split pin	GB91-3.2×24-Zn-D	4
22	2ST700	Pitman arm assembly	2706200-014	1
23		Steering tie rod assembly		2

5-1 Accelerate, Clutch, Brake Pedal and Bracket



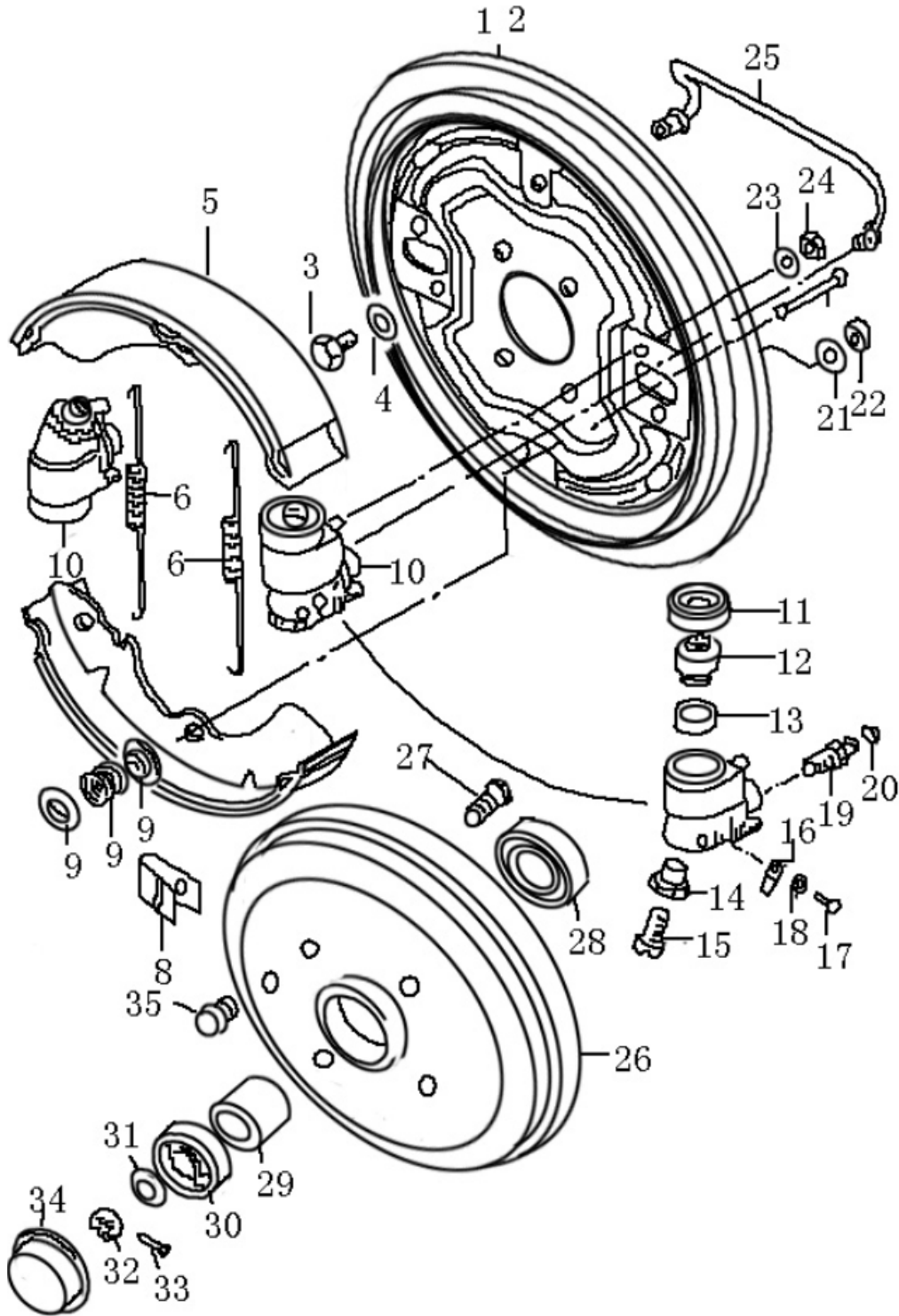
Item No.	STAR EV Part No.	Description	MPN	Qty
1	2AC600	Accelerator assembly	1007100-002	1
2		Brake pedal assembly	3504-3504110	1
3	2PD010	Pedal mat	2803131-022	2
4		Brake pedal bushing	3504-10107	1
5		Brake pedal return spring	2803111-022	1
6		Brake pedal shaft nut	3504-20103	1
7		Clutch pedal assembly	3504-85011	1
8		Clutch pedal bushing	3504-10042	1
9		Clutch pedal spring	3504-29004	1
10		Pedal bracket assembly	3504-85241	1
11		Pedal bracket supporting bar	3504-85210	1
12		Right bracket	3504-85212	1
13		Left bracket	3504-85211	1
14		Pedal bolt	3504-10069	1
15		Pedal bolt washer	3504-01103	1
16		Pedal bracket assembly bolt	3504-08123	5
17	2PD000	Brake & Clutch Pedal assembly	2803100-002	1

5-2 Reservoir Assembly and Brake Pipe



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2TB001	Hose assembly , rear brake	2805030-005	3
2	2TB120	Brake pipe 1500mm	2805020-013	1
3	2TB050	Brake pipe 1880mm	2805020-011	1
4	2TB002	Brake pipe 300mm	2805020-014	2
5	2TB110	Brake pipe 1300mm	2805020-007	2
6	2TB051	Brake pipe 420mm	2805020-003	2
7		Brake pipe 550mm	2805020-012	1
8	2MC000	M/CYL assembly	1010-3505000	1
9	2TB030	Reservoir Assembly	2805040-002	1

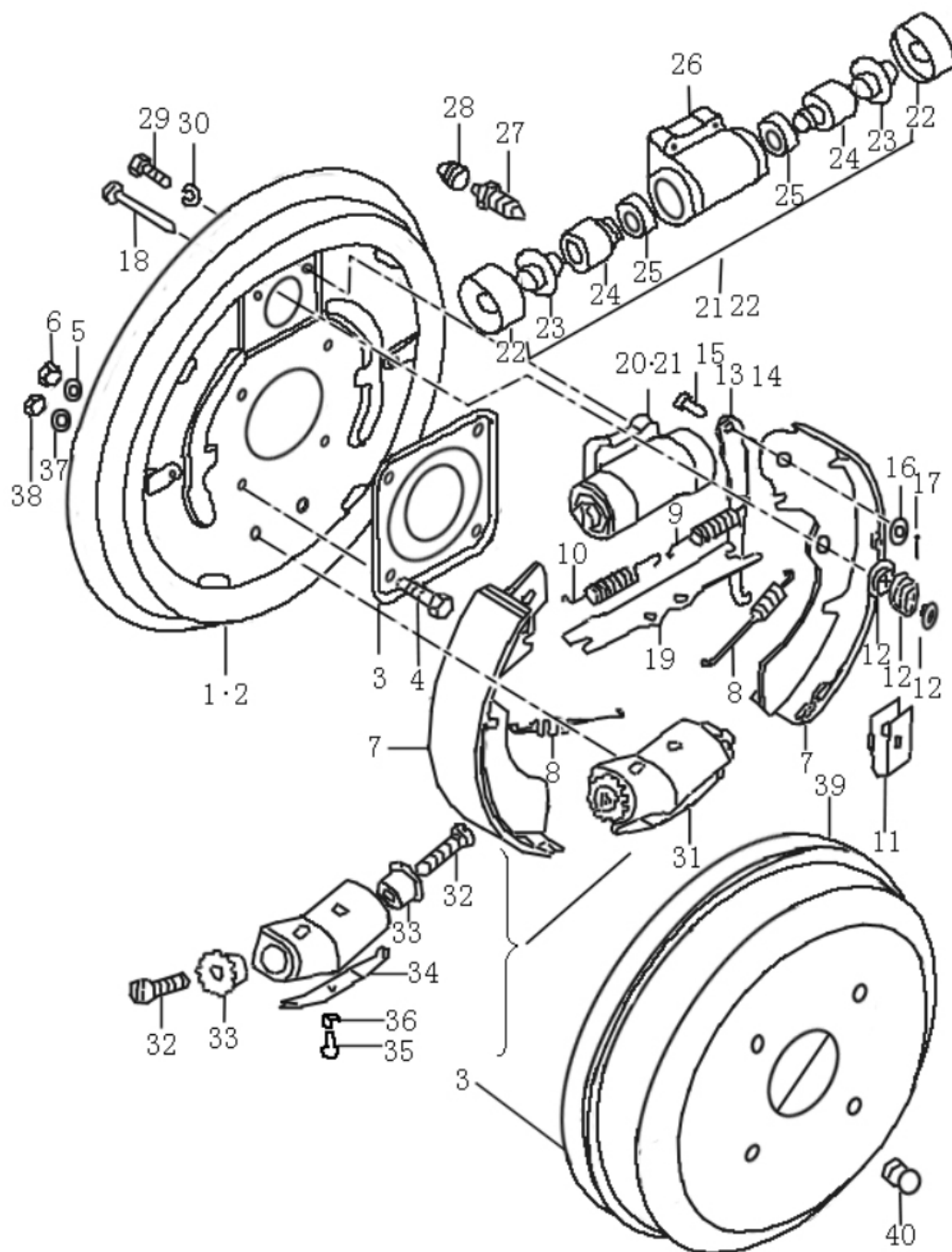
5-3 Front Drum Brake Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2BP027	Brake assembly front, RH	2801200-005	1
2	2BP026	Brake assembly front, LH	2801100-005	1
3		Bolt washer assembled	GB5783-M8×20-8.8-ZnD	8
4		Spring washer	GB93-87 8	8
5	2SH020	Brake shoe assembly	6082-2801080	4

6		Spring	3501-3501101	4
7		Flat head screw	3501-3502107	4
8		Flat spring	3501-3502109	4
9		Spring washer	3501-3502110	4
10	2CY202	Leading cylinder assembly, RH	2801130-005	1
10	2CY203	Leading cylinder assembly, RH	2801120-005	1
10	2CY200	Trailing cylinder assembly, LH	2801230-005	1
10	2CY201	Trailing cylinder assembly, LH	2801220-005	1
11		Dust boot	3501-3501313	4
12		Piston	3501-3501311	4
13		Bowl plug	3501-3501312	4
14		Adjusting key	3501-3502534	4
15		Adjusting screw	3501-3502532	4
16		Flat spring	3501-3501314	4
17		Screw	3501-3501316	4
18		Spring washer	GB859-87 4	4
19		Bleed plug	3501-3502318	2
20		Rubber cap	3501-3502319	2
21		Spring washer	GB93-87 8	2
22		Small Hex-head nut	GB6170-87M8-ZnD	2
23		Spring washer	GB859-87 6	2
24		Hex-head nut	GB6170-87-M6-8-ZnD	2
25		Brake pipe	3501-3501160	2
26	2DR040	Front drum brake	2801310-005	2
27		Blot	3501-3501503	8
28	2BE003	Inner bearing	60205GB278	2
29	2BS100	bush	3501-3501502	2
30	2BE002	Outer bearing	204GB276	2
31		Washer	GB97.1-16-140HV-ZnD	2
32		Nut	M16×1.5Q/7Am-216	2
33		Split pin	Gb91-4×30-ZnD	2
34		Shaft dust boot	3501-2901003A	2
35		Rubber plug	3501-3501504	2

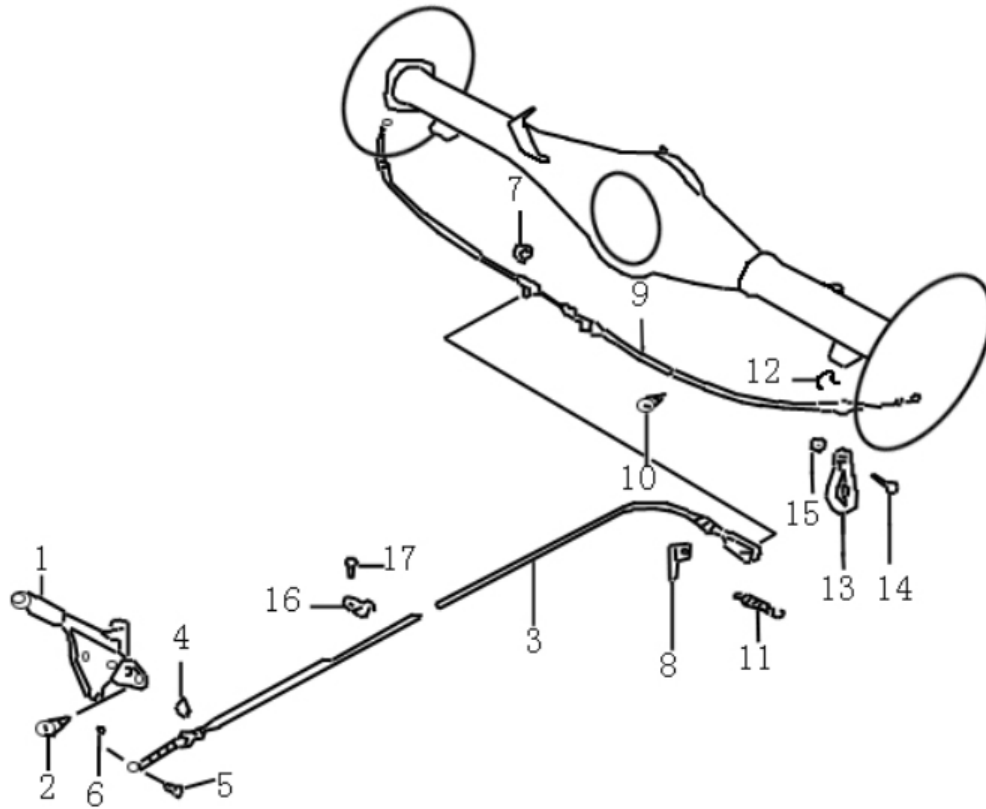
5-4 Brake Assembly Rear



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2BP028	Brake assembly rear, LH	HX8020-3502300	1
2	2BP029	Brake assembly rear, RH	HX8020-3502400	1
3		Retainer strut	3502-2403131A	2
4		Retainer strut blot	GB5783-M8×25-ZnD	8
5		Spring washer	GB859-87 8	8
6		Retainer strut nut	GB6170-8-M8-8-ZnD	8
7	2SH030	Rear brake shoe	1030-2802011	
8		Rear brake shoe return spring	3502-3502101	4

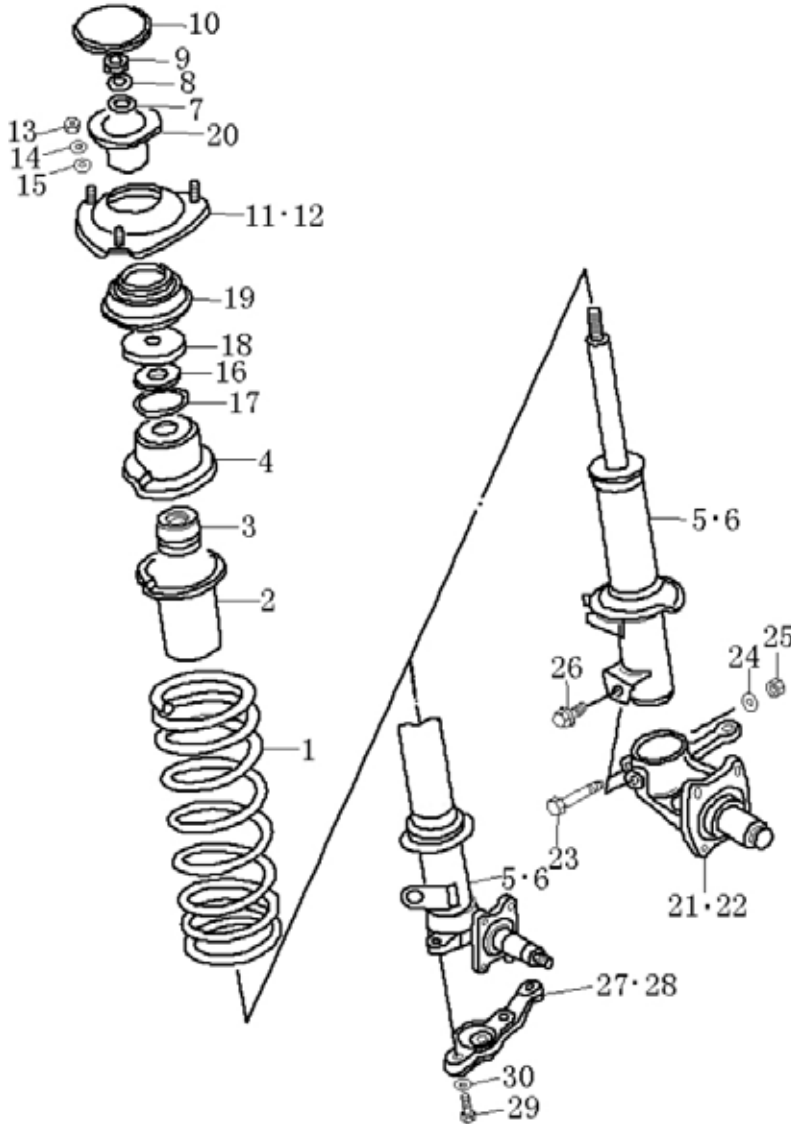
9		Rear brake shoe return spring (Left)	3502-3502102	2
10		Rear brake shoe return spring (Right)	3502-3502103	2
11		Brake shoe stationary spring	3502-3502109	4
12		Spring, washer		4(8)
13		Right parking brake lever	3502-3502106	1
14		Left parking brake lever	3502-3502105	1
15		Parking brake shoe pin	3502-3502108	2
16		Brake shoe pin shim	3502-3502111	2
17		Split pin	GB91-86-2×12-ZnD	2
18		Hold-down pin	3502-3502107	4
19		Parking brake strut	3502-3502114	2
20	2CY204	Rear wheel cylinder RH	EG8180-3502510	1
21	2CY204	Rear wheel cylinder LH	EG8180-3502510	1
22		Rear wheel cylinder boot	3502-3502313	4
23		Rear wheel cylinder strut	3502-3502314	4
24		Rear wheel cylinder piston	3502-3502312	4
25		Rear wheel cylinder cup	3502-3502311	4
26		Rear wheel cylinder housing	3502-3502315	2
27		Bleed plug	3502-3502318	1
28		Rubber cap	3502-3502315	1
29		Bolt Hex –head castle	GB5783-89-M6×12-ZnD	4
30		Spring washer	GB93-87 6 ZnD	4
31		Fixed strut assembly	3502-3502500	2
32		Adjusting screw	3502-3502531	4
33		Adjusting piece	3502-3502533	4
34		Lock flat spring	3502-3502535	2
35		Cross slot screw	GB818-84-M4×6-ZnD	2
36		Spring washer	GB93-87-4-ZnD	2
37		Spring washer	GB93-87-8-ZnD	4
38		Small nut hex –head castle	GB6170-86-M8-8-ZnD	4
39	2DM130	Rear brake hub assembly	WJ110-3502A110	2
40		Rubber plug	3502-3501504	2

5-5 Parking Brake Handle



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2PB110	Parking brake control handle	2807100-002	1
2	2PB900	Parking brake lever bolt	Q150B0825-304H	2
3	2CB070	Parking brake cable assembly 1	2807200-002	1
4	2CB075	Cable split retaining ring 1	2807211-002	1
5		Cable clutch pin 1	09200-08049	1
6		Cable clutch pin 1	04111-25126	1
7		Cable grommet 1	09308-11006	1
8		Cable stopper	54482-79000	1
9	2CB072	Parking brake cable assembly 2	2807300-005	1
10		Cable bracket bolt	01550-06103	2
11		Cable return spring	09443-15008	1
12		Parking brake cable clip 2	54491-	2
13		Cable flying rings	54491-85500	2
14		Cable flying rings bolt	09116-06146	2
15		Cable flying rings nut	08310-00063	2

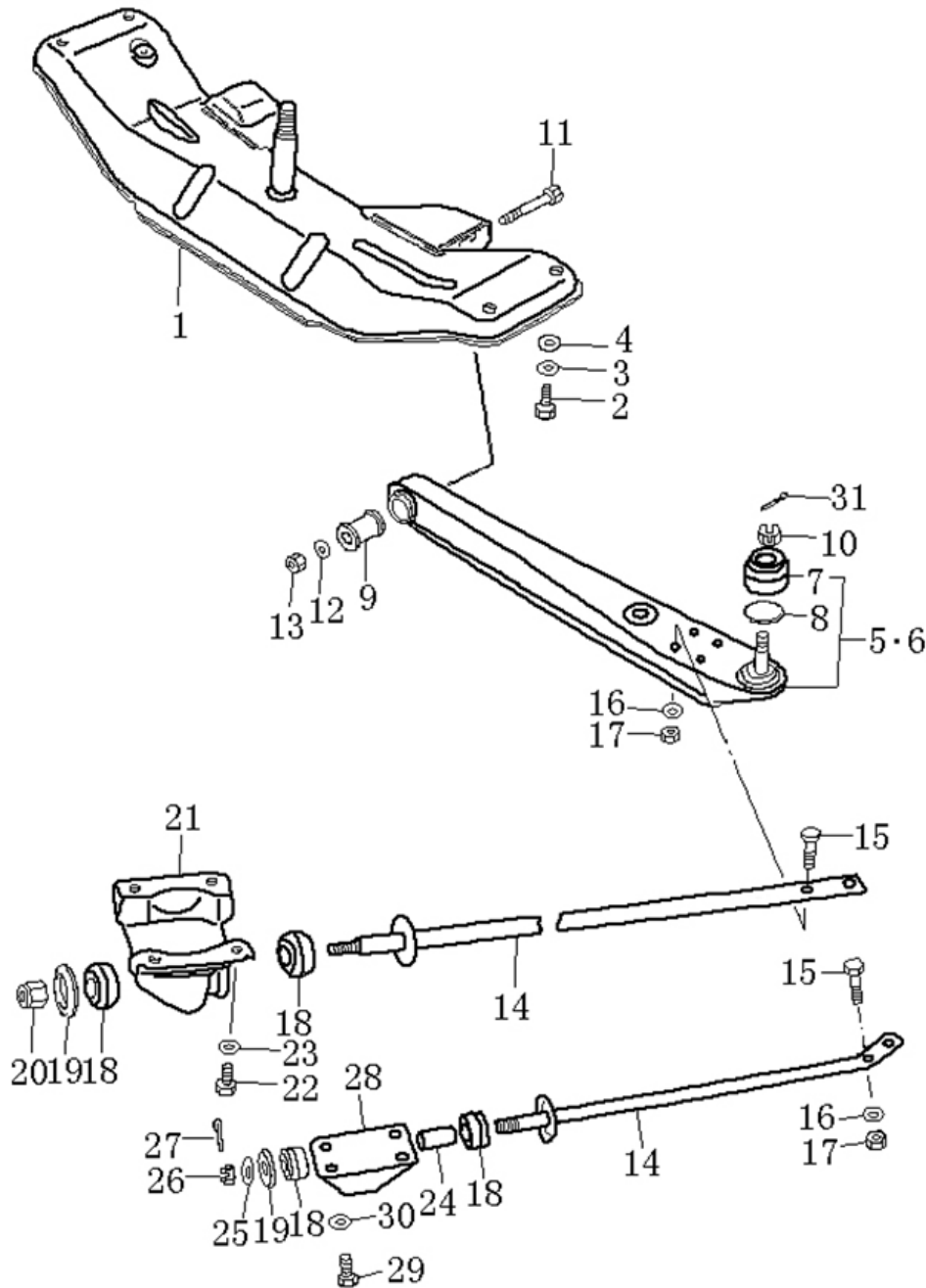
6-1 Front Suspension



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Front coil spring	1010-2905308A	2
2		Front coil spring seat	1010-2905306A	2
3		Spring bumper	1010-2905307A	2
4		Upper spring seat	1010-2905305A	2
5	2SC020	Strut assembly, RH	2501200-006	1
6	2SC010	Strut assembly, LH	2501100-006	1
7		Washer	1010-2905344A	2
8		Spring washer	GB93-87-14-ZnD	2
9		Hex-head nut	GB93-87-M12-ZnD	2
10		Front strut support cap	1010-2905343A	2
11		Front strut support, RH	1010-2905420A	1
12		Front strut support, LH	1010-2905320A	1
13		Nut	GB6170-M8-8-ZnD	6
14		Spring washer	GB93-87 8	6
15		Washer	GB97.1-8-140HV-ZnD	6

16		Strut thrust bearing	1010-2905303A	2
17		Dust stal strut bearing	1010-2905304A	2
18		Bearing seat	1010-2905302A	2
19		Front strut rubber support	1010-2905342A	2
20		Thrust rebound Stopper	1010-2905341A	2
21	2SP120	Steering knuckle, RH	2302200-005	1
22	2SP121	Steering knuckle, LH	2302100-005	1
23		Steering knuckle bolt	GB783-M×-ZnD	2
24		Steering knuckle spring washer	GB93-87	2
25		Steering knuckle nut	GB6170-M	2
26		Steering knuckle nut	GB6170-M	2
27		Steering knuckle arm, RH	1010-2904203A	1
28		Steering knuckle arm, LH	1010-2904103A	1
29		Hex-head bolt	Q151C1035TF	4
30		Spring washer	GB93-87 10	4

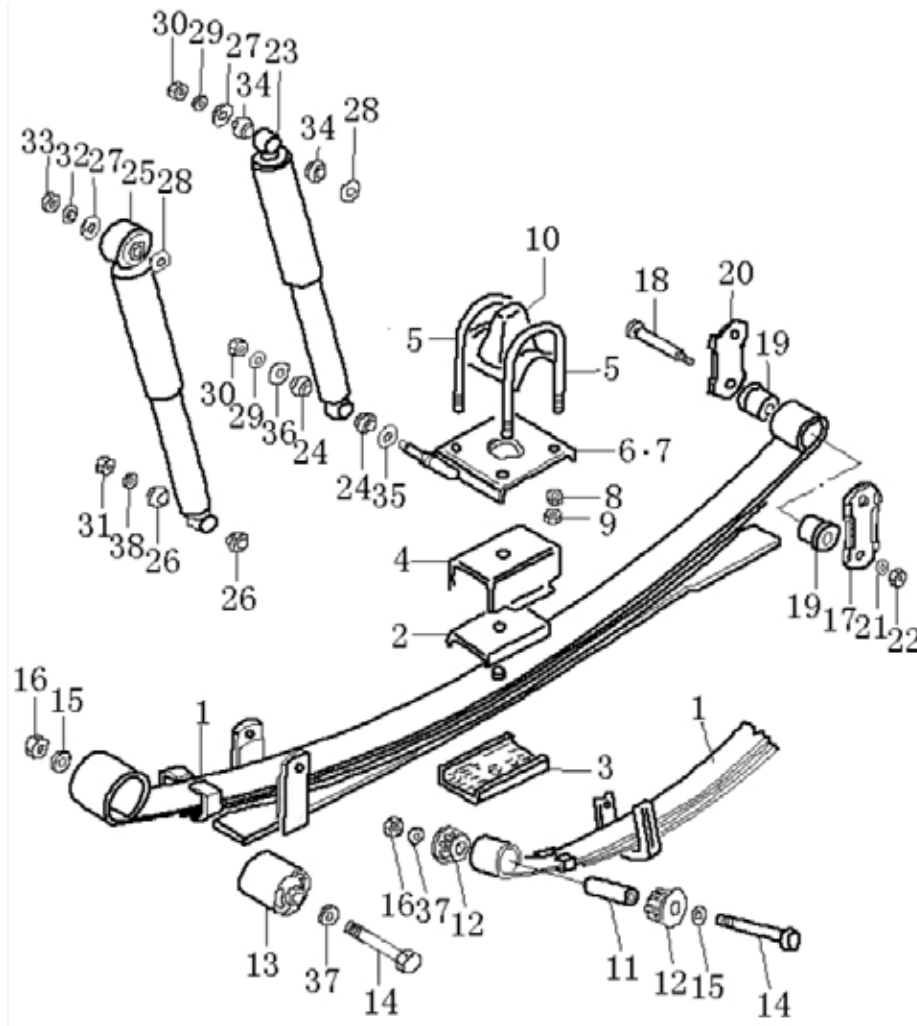
6-2 Front Suspension Frame



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2SC000	Front suspension frame	2503100-014	1
2		Bolt	B5876-M10×12.5×30-8.8	4
3		Spring washer	GB93-87 10	4
4		Washer	GB97.1-10-140HV-ZnD	4
5	2SC050	Front suspension arm assembly, RH	2503200-014	1
7		Boot assembly	1010-2904150A	2
8		Clip	1010-2904101	2
9	2BS211	Bush	1010-2904140	2
10		Nut	M12-12.5Q/7Am-216	2
11		Bolt	Q151C1075TF	2

12		Spring washer	GB93-87 10	2
13		Nut	M10×12.5A/7Am-217	2
14		Tension rod assembly	6153-2502010	2
15		Bolt	B5786-M10×12.5×25-8.8	4
16		Spring washer	GB93-87 10	4
17		Nut	M10×12.5Q/7Am-211-8	4
18	2BS530	Tension rod bush	1010-2902101A	4
19		Tension rod washer	1010-2902102	2
20		Tension rod nut		2
21		Tension rod plank		2
22		Tension rod plank Bolt		8
23		Tension rod plank spring washer		8
24		Tension rod bush	1010-2902103	2
25		Washer	GB97.1-14-140HV-ZnD	2
26		Nut	GB9459-M14×1.5	2

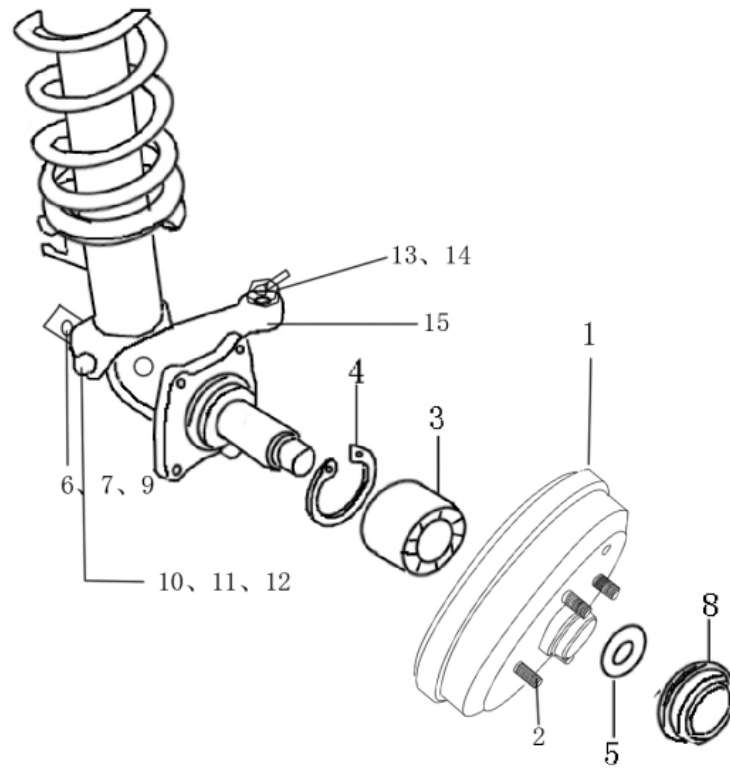
6-3 Rear Suspension



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2LF060	Rear leaf spring assembly	2508100-008	2
2	2LF068	Upper pad	2509015-007	2
3	2LF069	Lower pad	2509016-007	2
4	2LF067	Rear leaf spring clamp plate	2509012-007	2
5		Leaf spring U bolt	6082-2508011	4
6	2LF058	Spring seat, RH	2509014-007	1
7	2LF059	Spring seat, LH	2509013-007	1
8		Nut	GB6171-M10×12.5-ZnD	8
9		Nut	GB6173-M10×12.5-0.5	8
10		Spring bumper	1010-2915080A	2
11		Rear leaf spring bush	1010-2912004	2
12		Rear leaf spring rubber bush	1010-2912005A	4
13		Rear leaf spring rubber bush assembly		2
14	2LF062	12x100mm Bolt	1010-2912003	2
15	2LF063	M12 Washer	Q40112	2
16	2LF064	M12 Nut	Q340B12	2
17		Shackle inner plate	41461-790005	2

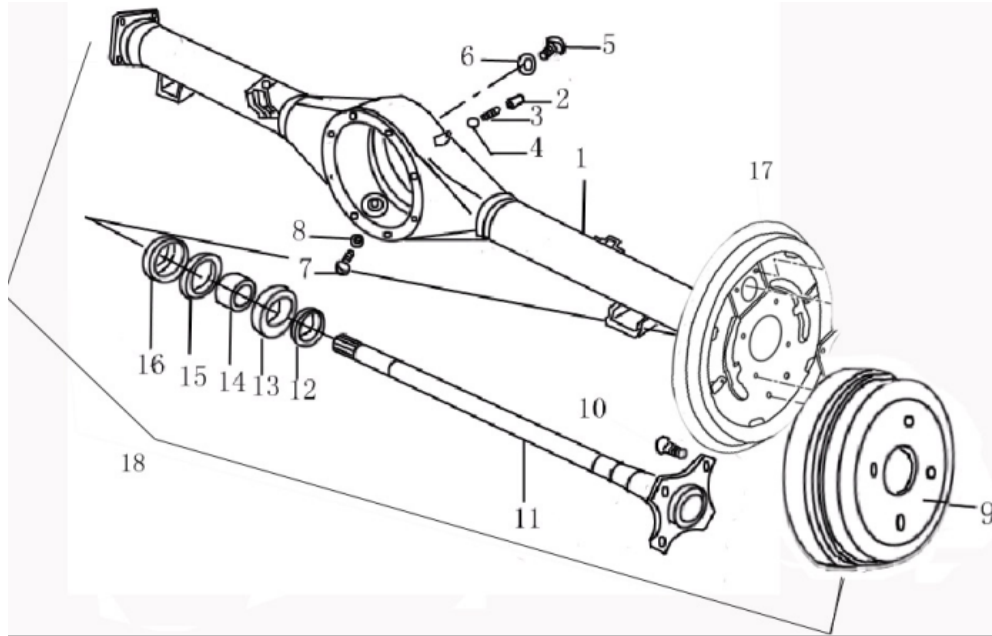
18		Pin	1010-2912502A	4
19	2BS210	Bush	2509023-007	8
20		Shackle outer plate	2509022-007	2
21		Spring washer	GB859-87 10	4
22		Nut	GB6171-M10×1.25-ZnD	4
23		Rear shock absorber assembly	1010-2915100A	2
24		Bush	1010-2912009	4
25		Rear shock absorber assembly		2
26		Bush		4
27		Washer	1010-2912093	2
28		Washer	1010-2912094	2
29		Spring washer	GB859-878	4
30		Nut	GB6170-M8-8-ZnD	4
31		Nut		2
32		Spring washer		2
33		Nut		2
34		Bush	1010-2912095	4
35		Washer	1010-2912002	2
36		Washer	1010-2912001	2
37		Spring washer	GB95-12-100HV-ZnD	2
38		Spring washer		2

7-1 Front Brake Drum



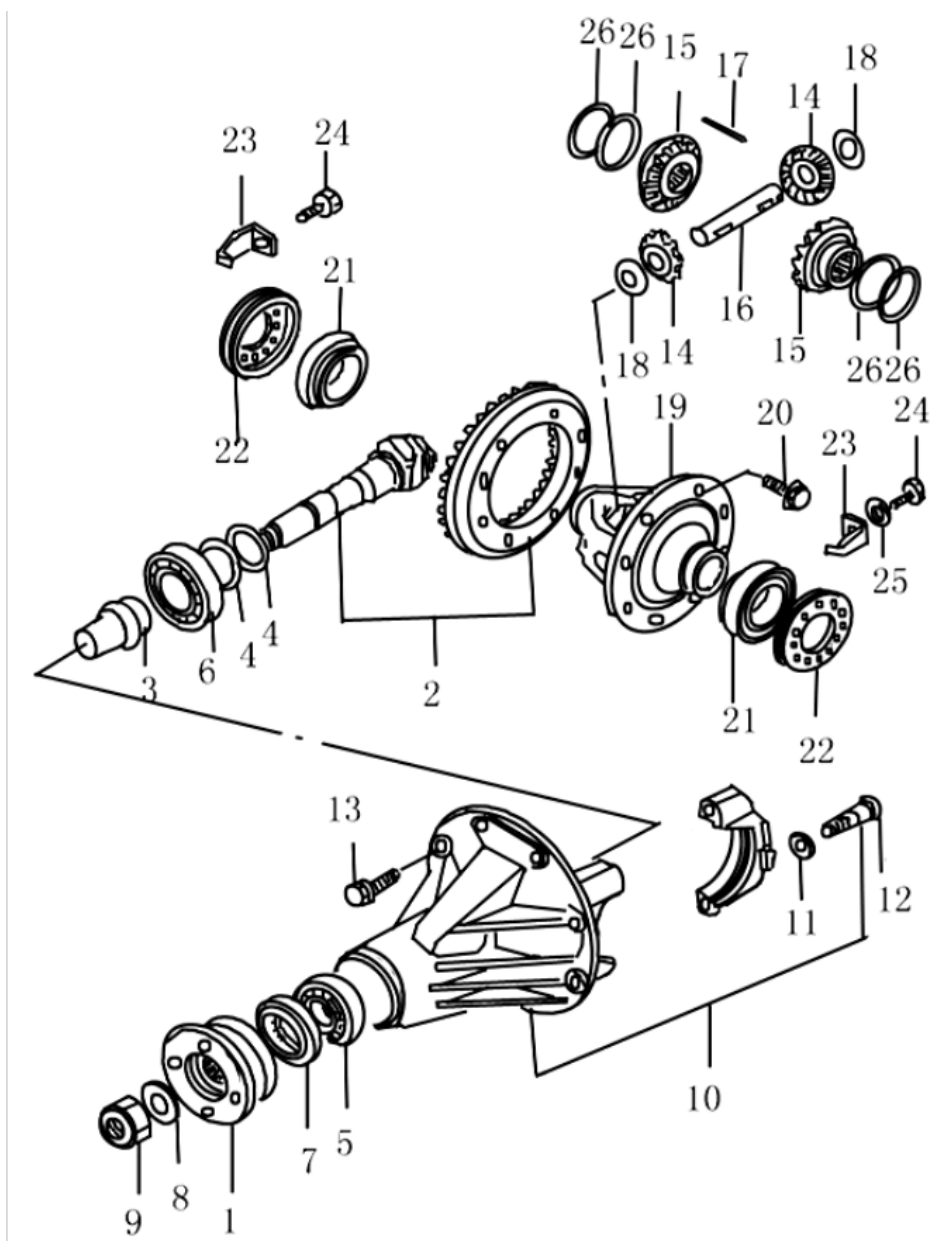
Item No.	STAR EV Part No.	Description	MPN	Qty
1	2DR040	Front brake Drum	2801310-005	2
2		Front brake drum bolt M12		8
3		Front brake drum bearing	09267-28002	2
4		Front brake drum bearing spring washer	08331-41589	2
5		Steering knuckle washer	09160-21021	2
6		Hexad nut M10x60	Q340B1060	2
7		Washer M10	Q40110	2
8		Shaft Cap	1010-2901003/A	2
9		Spring washer M10	Q40310	2
10		Hexad nut M10x20	Q340B1020	2
11		Washer M10	Q40110	4
12		Spring washer M10	Q40310	4
13		Split pin	Q5000440	2
14		Hexad slot nut	Q387B12	2
15		Tie rod		2

7-2 Half Shaft, Rear Axle House



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Rear axle body	3301-2401130A	1
2		Breather valve Cap	3301-2400106A	1
3		Spring, rear axle breather valve	3301-2400104A	1
4		Breather valve	3301-2400103A	1
5		Filler bolt	3301-2400111A	1
6		Filler bolt Gasket	3301-2400109A	1
7		Drain bolt	3301-2400108A	1
8		Drain bolt Gasket	JB982-77	1
9		Drum, rear brake		2
10		Axle hub Bolt	3301-2403104A	8
11		Half shaft	3301-2403140A	2
12		Hub bearing	3301-2403103A	2
13		Axle shaft bearing	60206GB278-64	7
14		Hub bearing	3301-2403102A	2
15		Oil seal for axle shaft	42×55×7	2
16		Protector, oil seal	3301-2401102A	2
17		Rear brake assembly		2
18	2RE170	Rear axle assembly (includes 1-17)	2400000-006	1

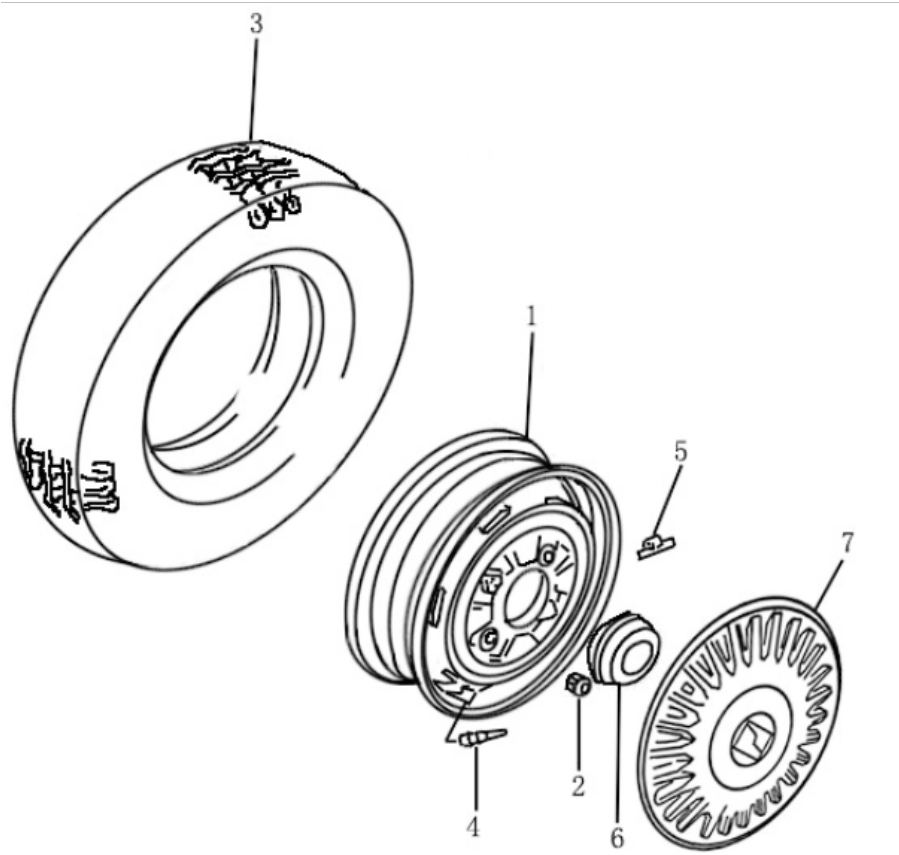
7-3 Differential Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Flange	3302-2402150A	1
2	2RR023	Differential assembly	EG100A-2407000	1
3		Spacer, drive bevel	3302-2402104A	1
4		Locating shim, drive bevel	3302-2402105A	
5		Front bearing, drive pinion	7204GB297-77	1
6		Rear bearing, drive pinion	7305GB307	1
7	2OL010	Seal oil, drive pinion	3302-2402120A	1
8		Washer, drive pinion	3302-2402103A	1
9		Nut, drive pinion	3302-2402110A	1
10		Differential carrier	3302-2402102A	1
11		Washer, spring	GB859-878	4

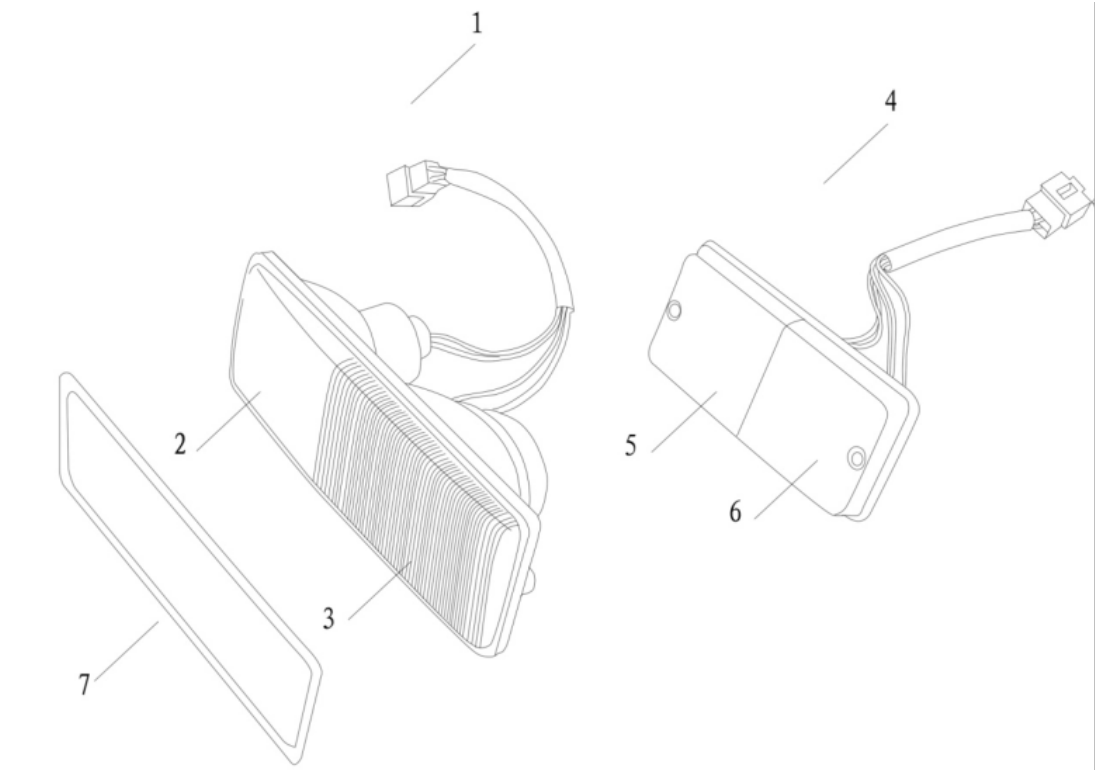
12		Bolt, differential bearing cap	GB6170-M8-8	4
13		Differential carrier bolt	GB5783-M8×25	8
14		Differential pinion	3302-2402138A	2
15		Side gear	3302-2402139A	2
16		Differential shaft	3302-2402132A	1
17		Differential pinion shaft location pin	GB879-5*45	1
18		Thrust washer	3302-2402137A	2
19		Differential carrier	3302-2402131A	1
20		Bolt, driven gear	3302-2402143A	8
21		Differential bearing	2007108GB207-77	2
22		Adjusting nut, differential bearing	3302-2402109A	2
23		Differential bearing lock	3302-2402112A	2
24		Lock bolt, differential bearing	GB5783-M8*16	2
25		Washer, spring	GB93-878	2
26		Thrust washer, differential pinion	3302-2402133A	Depends

8-1 Steel Wheel and Tire



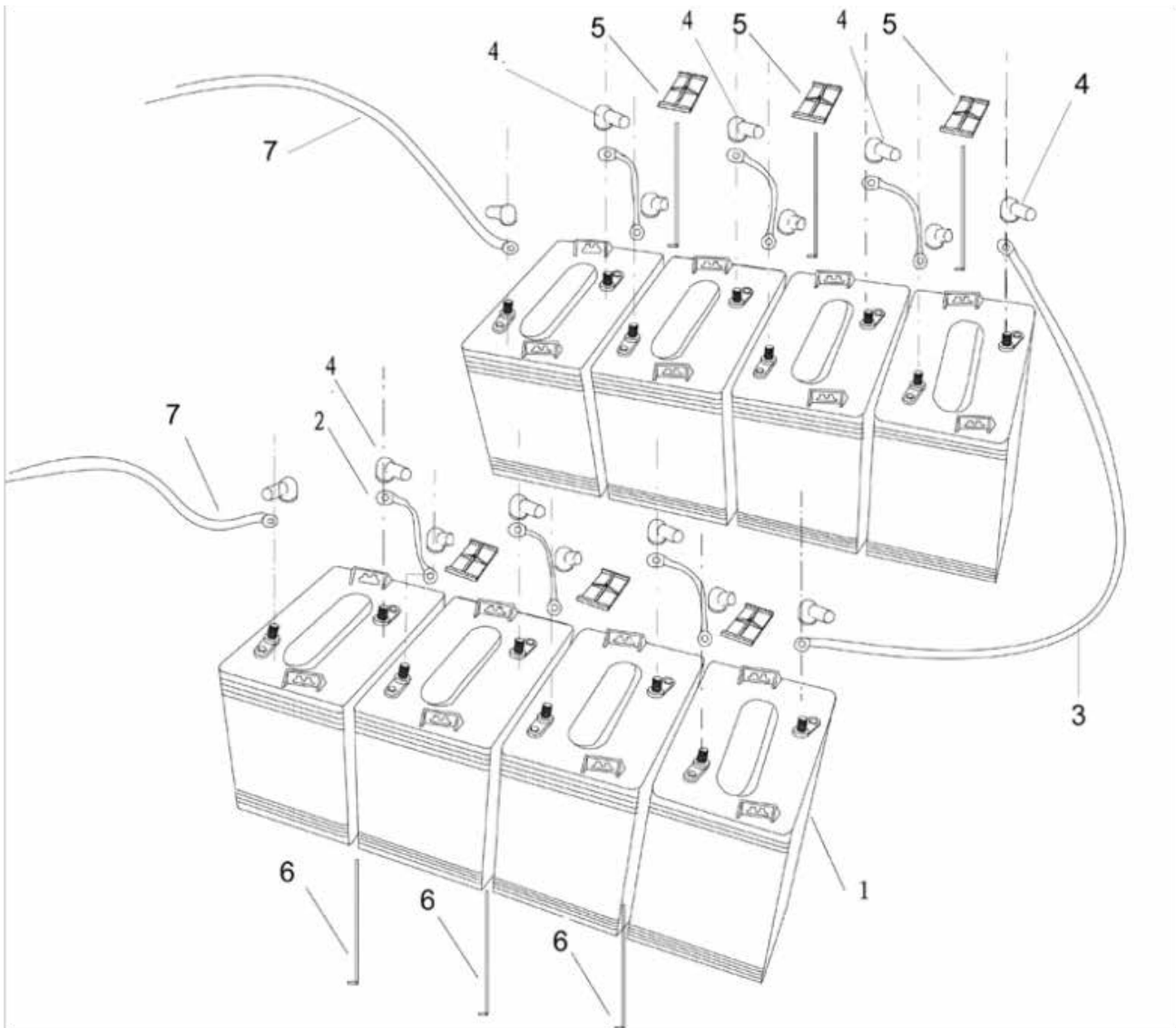
Item No.	STAR EV Part No.	Description	MPN	Qty
1	2RM903	Rim assembly	1012-3101A100A	4
2		Wheel nut	09159-12015	16
3		Tire	145R12C-6PR	4
4		Tire valve	6082-2601011	4
5		Balance patch	(10g~60g)	
6		Center cap	1010-2901003A	4
7	2CC180	Hubcap	6082-2601013	4

9-1 Turn Signal, Headlight



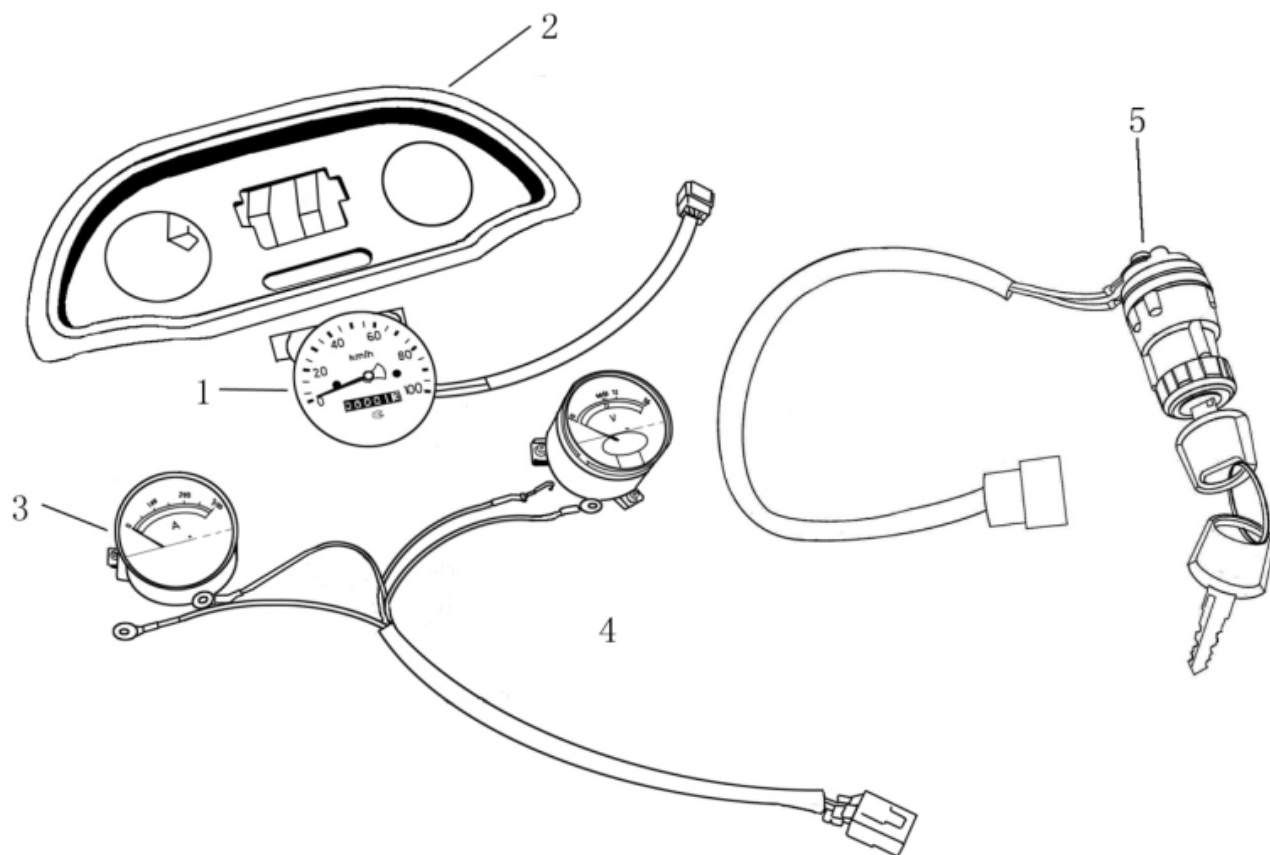
Item No.	STAR EV Part No.	Description	MPN	Qty
1	2LT603	Front light assembly	1011-3005002	2
2		Turning light bulb		2
3		Headlight bulb	3126130-002	2
4	2LT604	Rear brake light bulb	3126100-002	2
5		Rear turning signal	6082-3004004	2
6	2LB180	Rear brake light	3113130-002	2
7		Front light frame	1011-3029004	2

9-2 Batteries



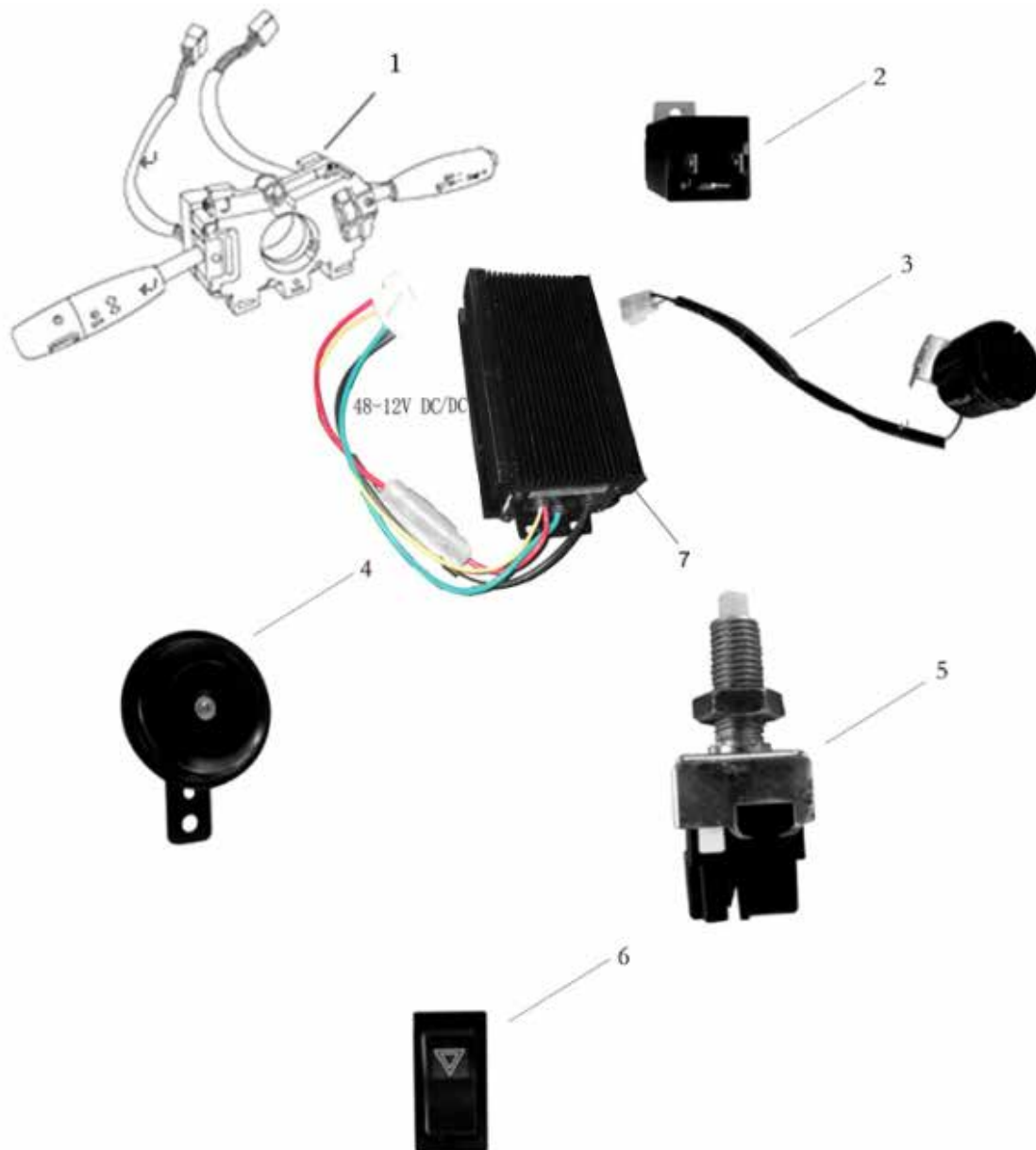
Item No.	STAR EV Part No.	Description	MPN	Qty
1		Batteries	T-105	8
2		Connect wire	6082-3018014	6
3		Connect wire	6082-3018007	1
4		Battery jacket	6082-1001002	10
5	2BT045	Batteries pressure block	6082-9015032	6
6		Dead lever	6082-1001001	6
7		Power cable	6082-3018017	2

9-3 Instrument Panel, Start Key



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2MT120	Speed meter	6082-3004003	1
2		Instrument Panel	6082-5205008	1
3		Current meter	DC300A	1
4		Voltage meter	DC30-96V	1
5		Start key	JK423L-1	1
6		Meter Assembly (includes 1-4) (Metric)		1
		Meter Assembly (includes 1-4) (British) 48V	DZB4802B	1
		Meter Assembly (includes 1-4) (British) 72V	DZB7202B	1

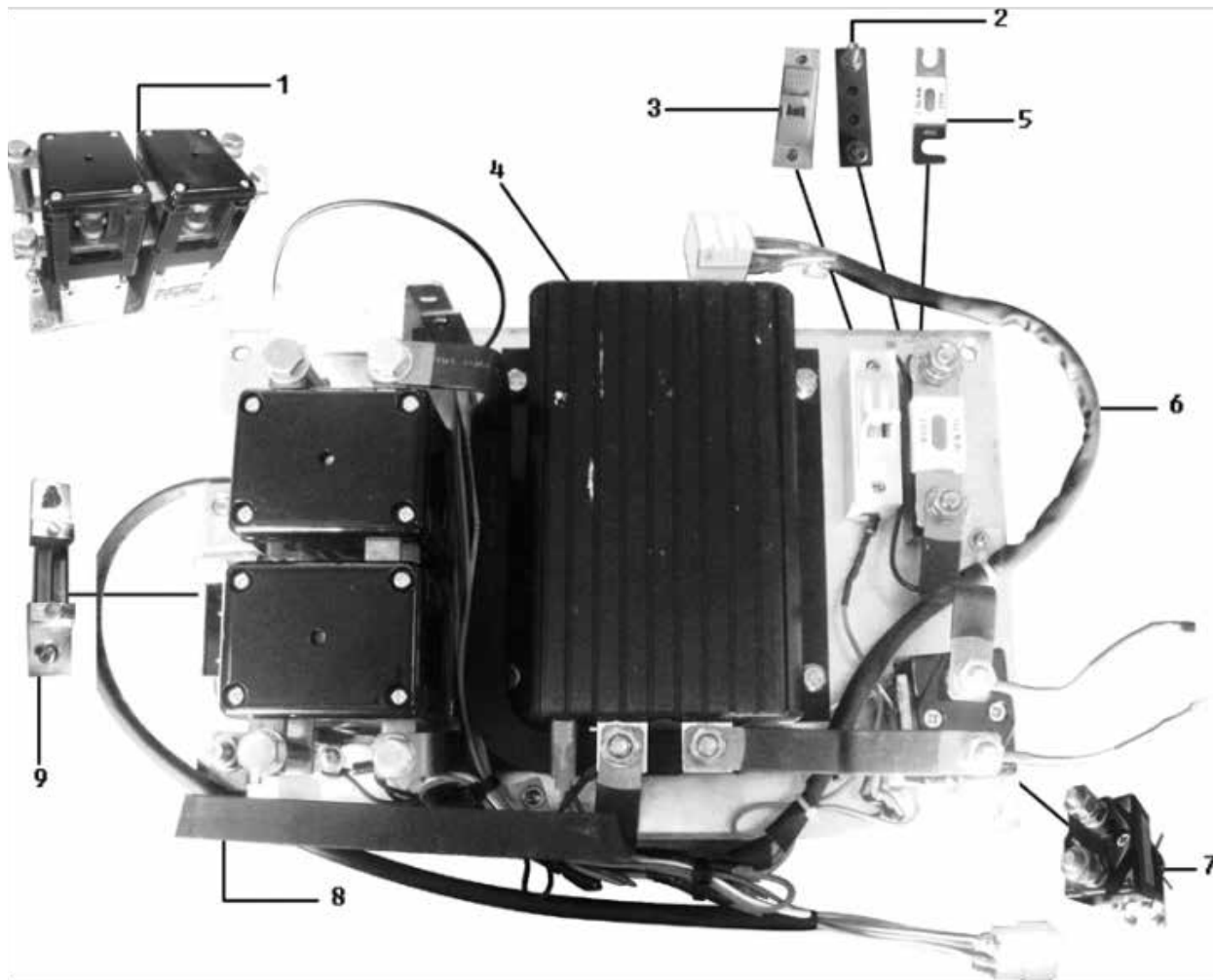
9-4 Radio, Combination Switch, Loudspeaker, Reverse Buzzer, and DC Converter



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2SW570	Combination switch	JK350F	1
2	2RL040	Electronic flash	SGD-153	1
3	2SW000	Backup buzzer	3211010-001	1
4	2SW020	Horn	6082-3014001A	1
5	2SW610	Stop lamp switch	3127010-001	1
6	2SW050	Alarm switch	3032010-002	1
7	2CV190	DC converter (48 V to 12 V)	3048100-005	1
	2CV200	DC converter (72 V to 12 V)	3048100-006	1

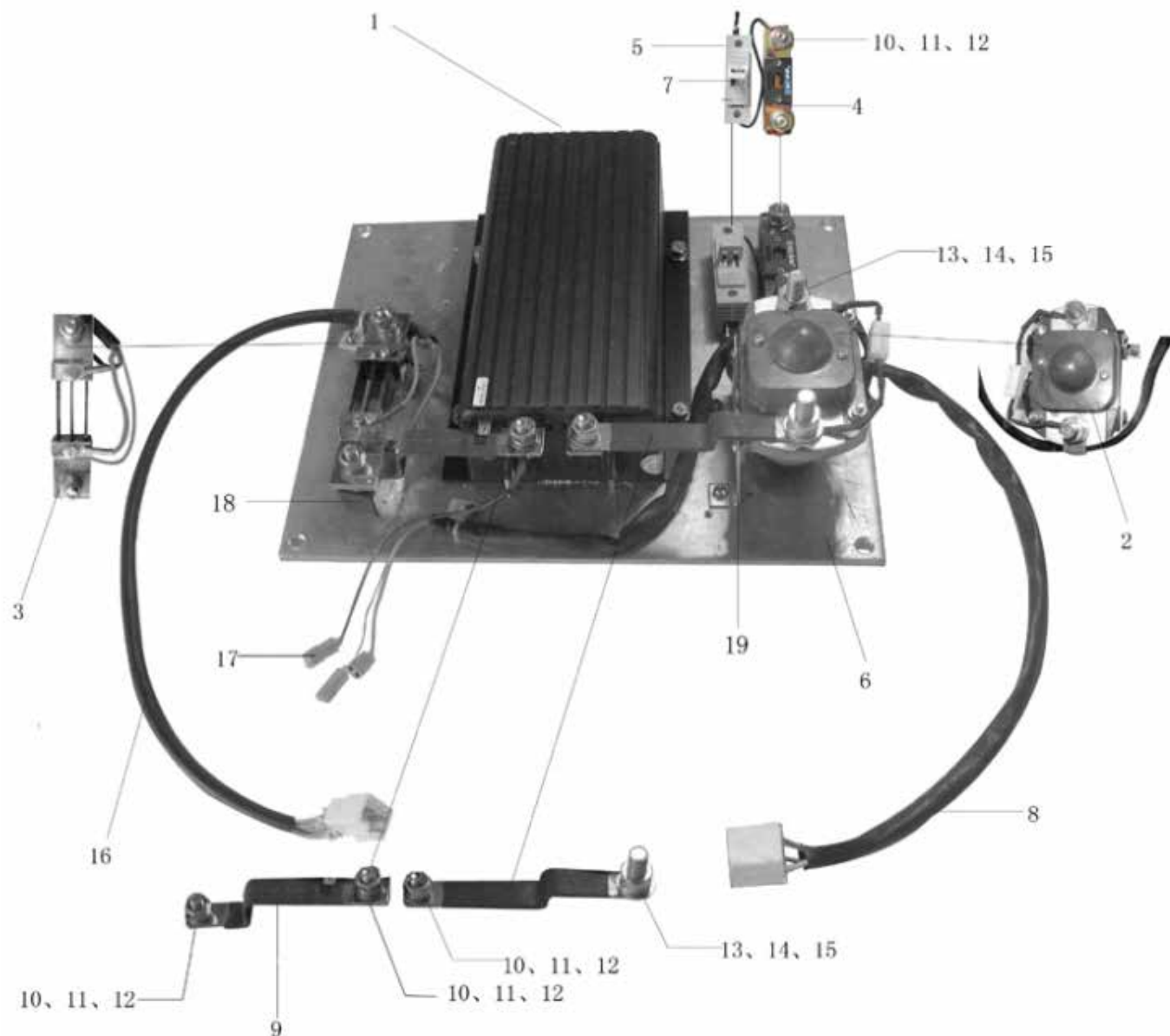
9-5 Electronic Assembly

a. 1204 Controller Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2SO011	Reverse Solenoid - 72v used 1204 controller	1005030-001	1
2		Main fuse bracket	2024-1005315	1
3		Accessory fuse	F26-R005	1
4		Controller 1204	1204-404	1
5	2FU130	Main fuse	F26-ANL-250A	1
6		Controller harness	6042-1005328	1
7	2SO020	Solenoid	MZJ-200A/004	1
8		Copper strip		2
9		Shunt	FL-2/300A	2
10		Battery protector	TC611A-48V	1
11		Electronic aluminum plate	6082-1005318	1

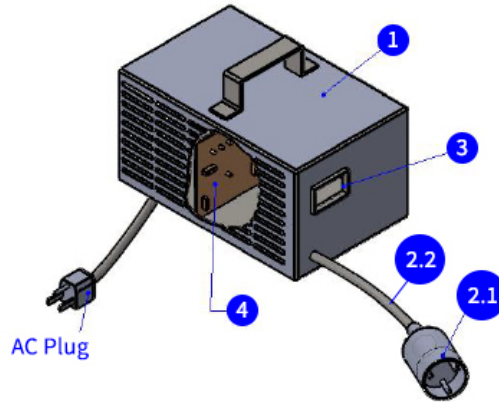
b. 1205 Controller Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Electronic controller 1205	1205-202	1
2		Main contactor	MZJ-400A/004	1
3		Connect wire	6082-3029001	1
4	2FU110	Connect wire	F26-ANL-425A	1
5	2FU121	Connect wire	F26-RT14	1
6		Electronic aluminum plate	6113-1005318B	1
7		Fuse 10A	F26-R005	1
8		To controller harness		2
9		Copper strip		2
10		British system nut	Q340B08	6
11		Spring washer M8	Q40308	6
12		Washer	Q40108	6

13		Hex nut M10	Q340B10	3
14		Gasket spring	Q40310	3
15		Washer	Q40110	3
16		Shunt connecting wire		1
17		Controller connecting wire		1
18		Shunt bracket	6082-3029006	1
19		Main contactor bracket		1

9-6 DPI Charger



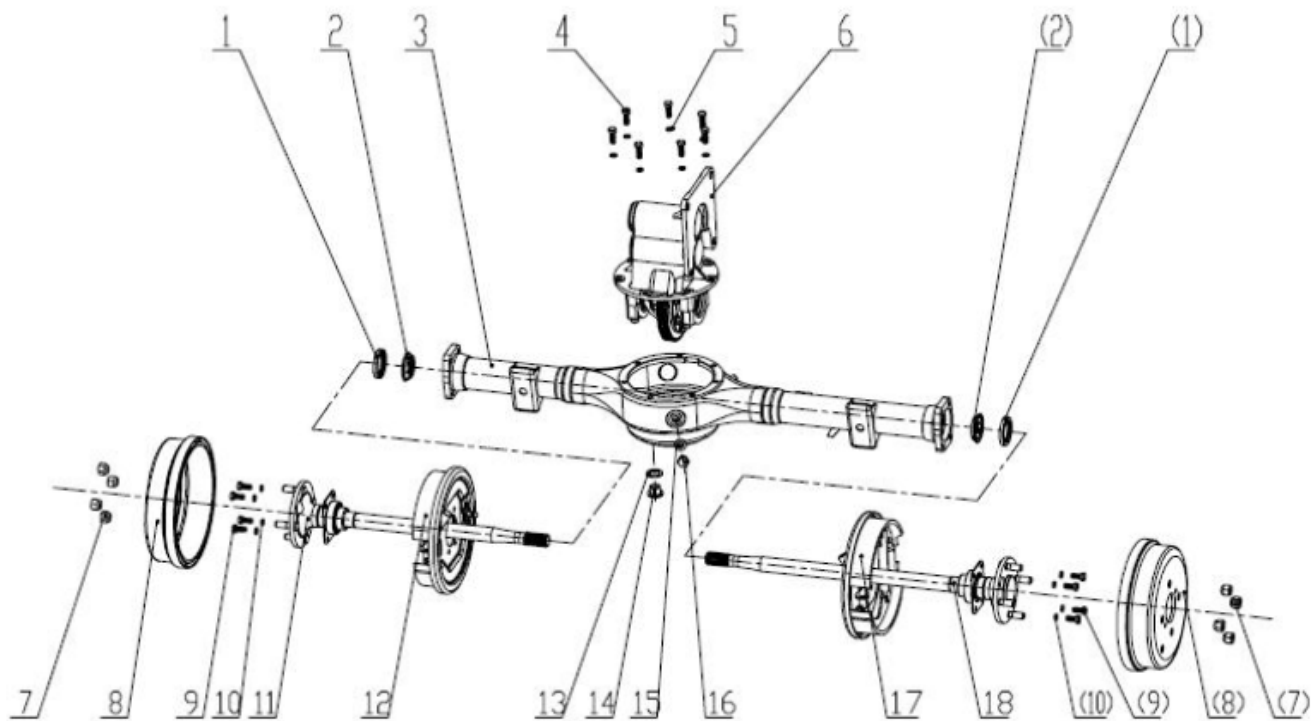
Item No.	STAR EV Part No.	Description	MPN	Qty
1	2CH048	DPI 48 V charger, 120 V		1
	2CH072	DPI 72 V charger, 120 V		
	2CH481	DPI 48 V charger, 220 V	220 V, 50 Hz	
	2CH722	DPI 72 V charger, 220 V	220 V, 50 Hz	
2.1	2PG148	DPI male plug ONLY, black, Gen. IV		1
	2PG172	DPI male plug ONLY, green, Gen. IV		
2.1 + 2.2	2CR048	9 ft DC 48 V output cord, black plug, Gen. IV		1
	2CR480	9 ft DC 48 V output cord, black plug, Gen. III and earlier		
	2CR072	9 ft DC 72 V output cord, green plug, Gen. IV		
	2CR720	9 ft DC 72 V output cord, green plug, Gen. III and earlier		
3	2MT240	DPI charger AMP meter		1
4	2BI480	DPI control board, 48V, 110V	110V, 60Hz	1
	2BI720	DPI control board, 72V, 110V	110V, 60Hz	
	2BI481	DPI control board, 48V, 220V	220V, 50Hz	
	2BI721	DPI control board, 72V, 220V	220V, 50Hz	
	2BI148	DPI board kit for 48 V charger, no relay, Gen. IV		
	2BI172	DPI board kit for 72 V charger, no relay, Gen. IV		
AC Plug	2CR120	120 V AC input cord for Gen. IV charger	IPCJ0038-L001830	1
	2CR230	230 V AC input cord for Gen. IV charger	IPCJ0039-L001830	

9-7 DC Converter



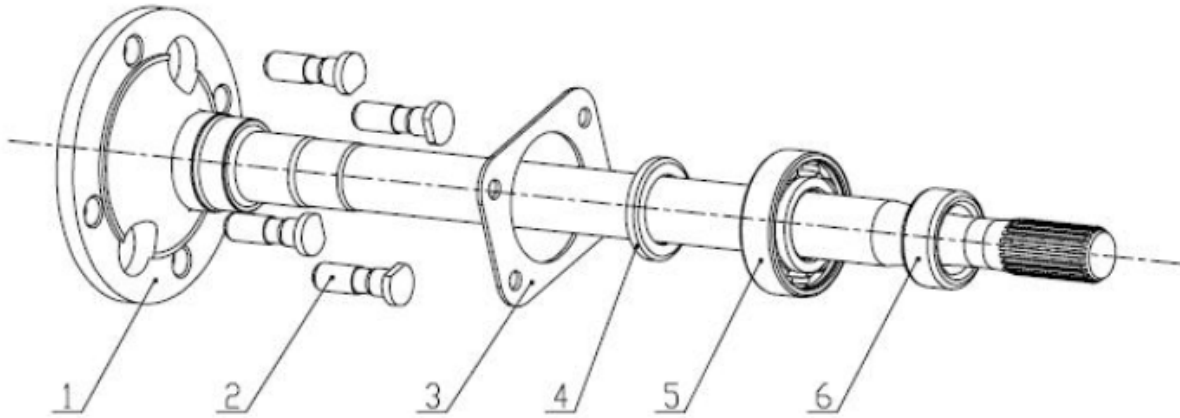
Item No.	STAR EV Part No.	Description	MPN	Qty
1		72/12V DC converter	TCDC-7212H	1
1	2CV190	48/12V DC converter	3048100-005	1

10-1 Automatic Drive Rear End Assembly



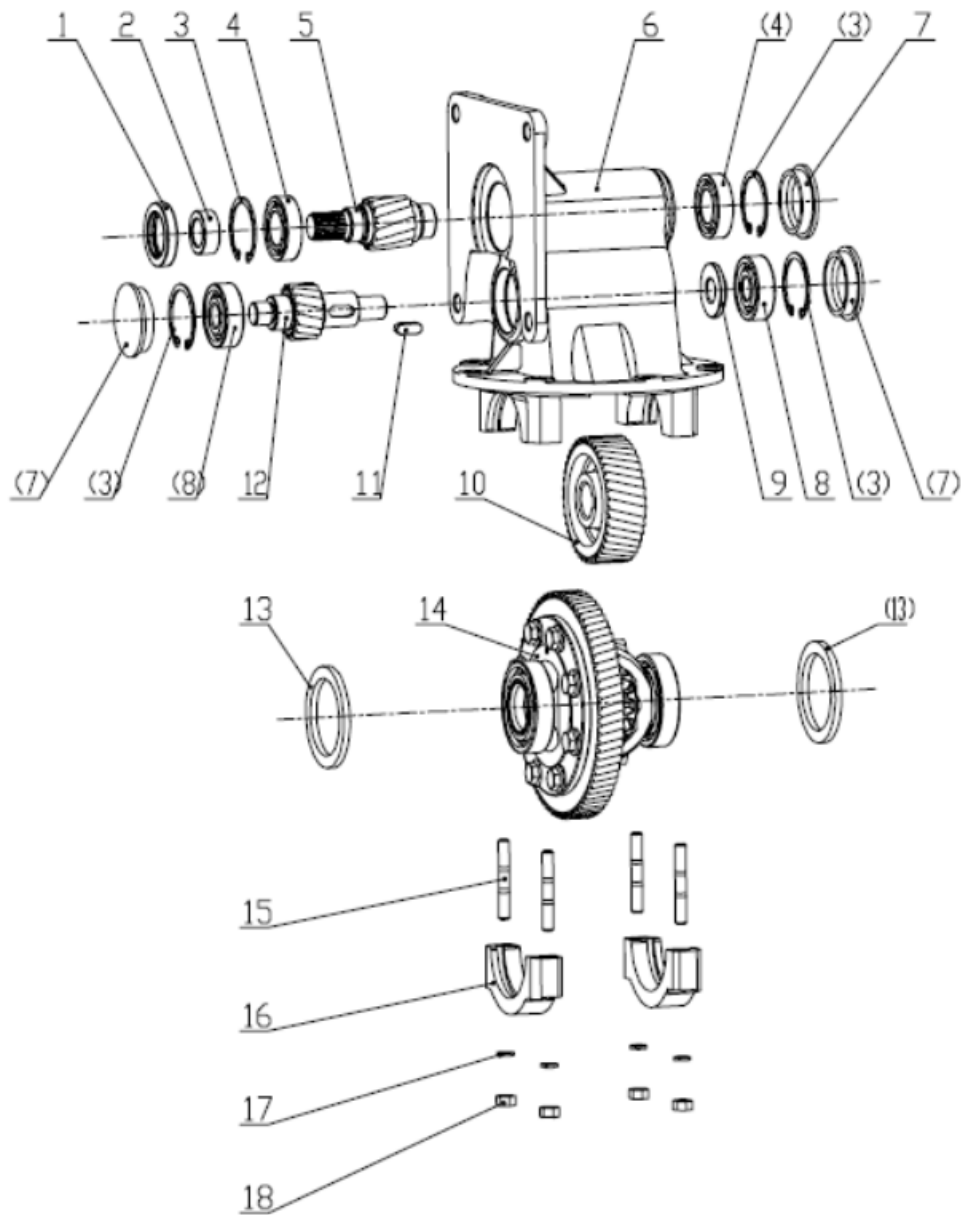
Item No.	STAR EV Part No.	Description	MPN	Qty
1		Electronic controller 1205	1205-202	1
Fig 10-1	2RE000	Rear axle assembly	2400000-005	1
3		Rear axle housing	2401100-005	1
13	2RR450	Washer	2401111-005	1
14	2RR451	Rear axle housing oil collimator plug	2401112-005	1
15	2RR452	Grease outlet gasket	2401113-005	1
16	2RR453	Rear axle housing oil drain plug	2401114-005	1

10-2 Automatic Drive Rear Axle Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Electronic controller 1205	1205-202	1
Fig. 10-2	2AX212	Left Axle Assembly	2402100-005	1
1		Axle	2402111-005	1
2		Wheel Bolt	2402112-005	4
3	2AX505	Bearing gland	2402113-005	1
4	2OL084	Inner retaining ring	2402114-005	1
5	2BE005	Bearing	6206-Z	1
6		Outer retaining ring	2402115-005	1
1 (Fig. 10-1)		Rear axle oil seal assembly	2402116-005	1
2 (Fig. 10-1)		Protective sleeve seals	2402117-005	1
Fig. 10-2	2AX213	Right Axle Assembly	2402200-005	1
7		Axle	2402111-005	1
8		Wheel Bolt	2402112-005	4
9	2AX505	Bearing gland	2402113-005	1
10	2OL084	Inner retaining ring	2402114-005	1
11	2BE005	Bearing	6206-Z	1
12	2OL085	Outer retaining ring	2402115-005	1
13		Rear axle oil seal assembly	2402116-005	1
14		Protective sleeve seals	2402117-005	1

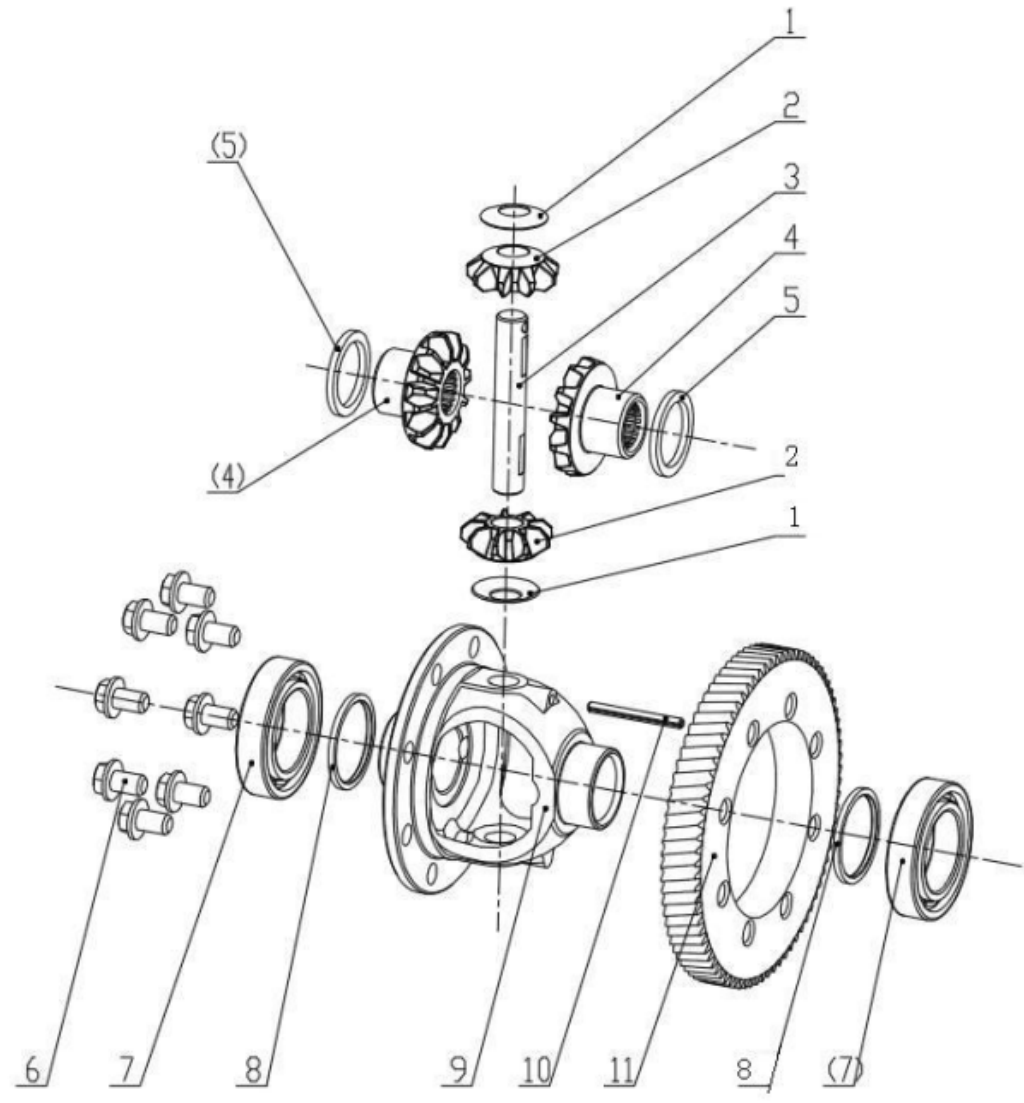
10-3 Automatic Drive Main Reducer Assembly



Item No.	STAR EV Part No.	Description	MPN	Qty
Fig. 10-3	2RR020	Main reducer assembly	2403100-005	1
1		Oil seal	2403111-005	1
2		Bush	2403112-005	1
3		Retaining ring	Q43147	4
4		Bearing	6005	2
5		Gear shaft I	2403113-005	1
6		Reducer shell	2403114-005	1
7	2RR153	Plug	2403115-005	3
8		Bearing	6303	2
9		Spacer	2403116-005	1
10		II gear	2403117-005	1

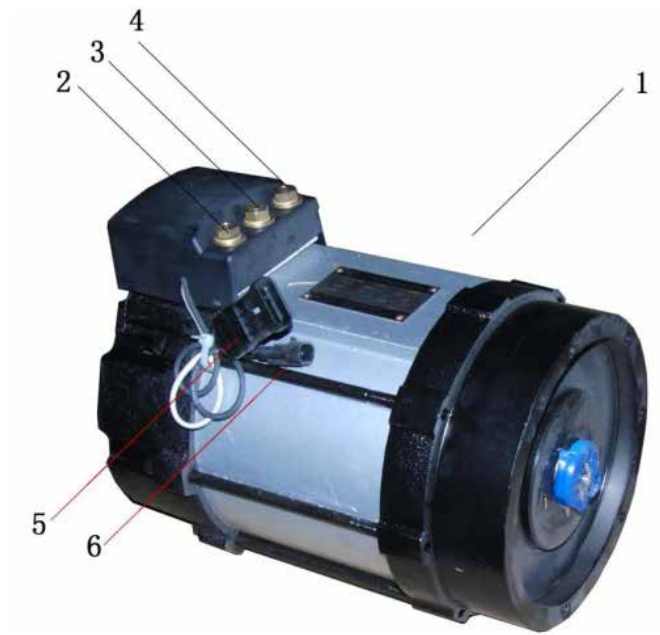
11	2RR190	Key (8*20)	Q5510820	1
12		Gear shaft II	2403118-005	1
13		Retaining ring	2403119-005	2
14		Automatic - Spider gears only / Differential assembly	2403200-005	1
15		Stud	Q1210860	4
16		Differential carrier bearing cap	2403121-005	2
17		Washer	Q40008	4
18		Screw nut	Q340B08	4

10-4 Automatic Drive Differential Assembly



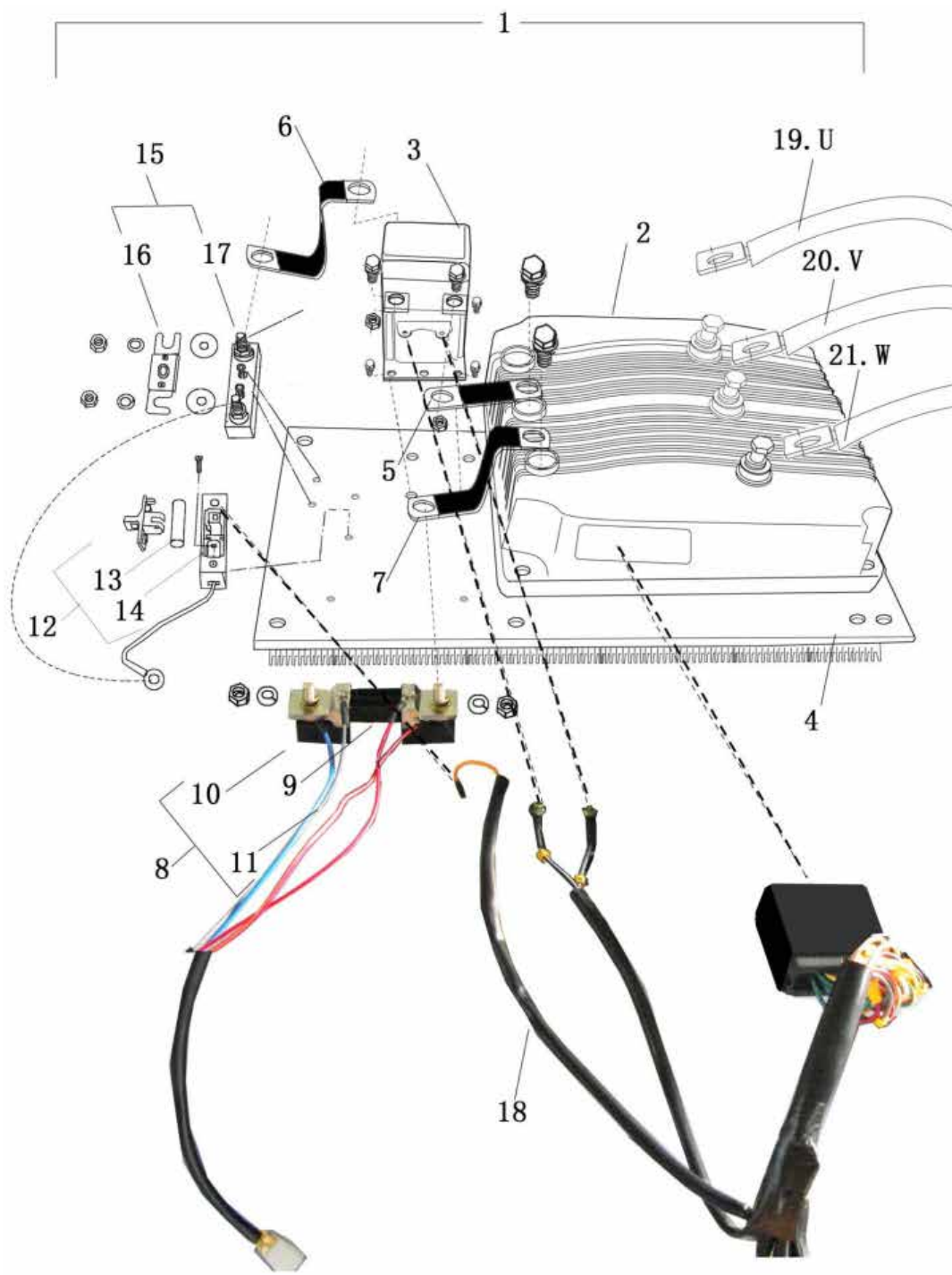
Item No.	STAR EV Part No.	Description	MPN	Qty
Fig. 10-4	2RR022	Automatic - Spider gears only / differential assembly	2403200-005	1
1		Spherical thrust washer	2403211-005	2
2		Planetary gear	2403212-005	2
3		Planet gear shaft	2403213-005	1
4		Side gears	2403214-005	2
5		Adjusting washer	2403215-005	As needed
6		The driver bevel gears bolts	2403216-005	8
7		Bearing	6008	2
8		Washer	2403217-005	As needed
9		Differential case	2403218-005	1
10		Pin	Q5220545	1
11		Big gear	2403219-005	1

11-1 72 V AC System 7 KW AC Motor



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2MO060	Motor	1003000-011	1
2		U-Terminal		1
3		V-Terminal		1
4		W-Terminal		1
5		Speed encoder port		1
6		Temperature sensor port		1

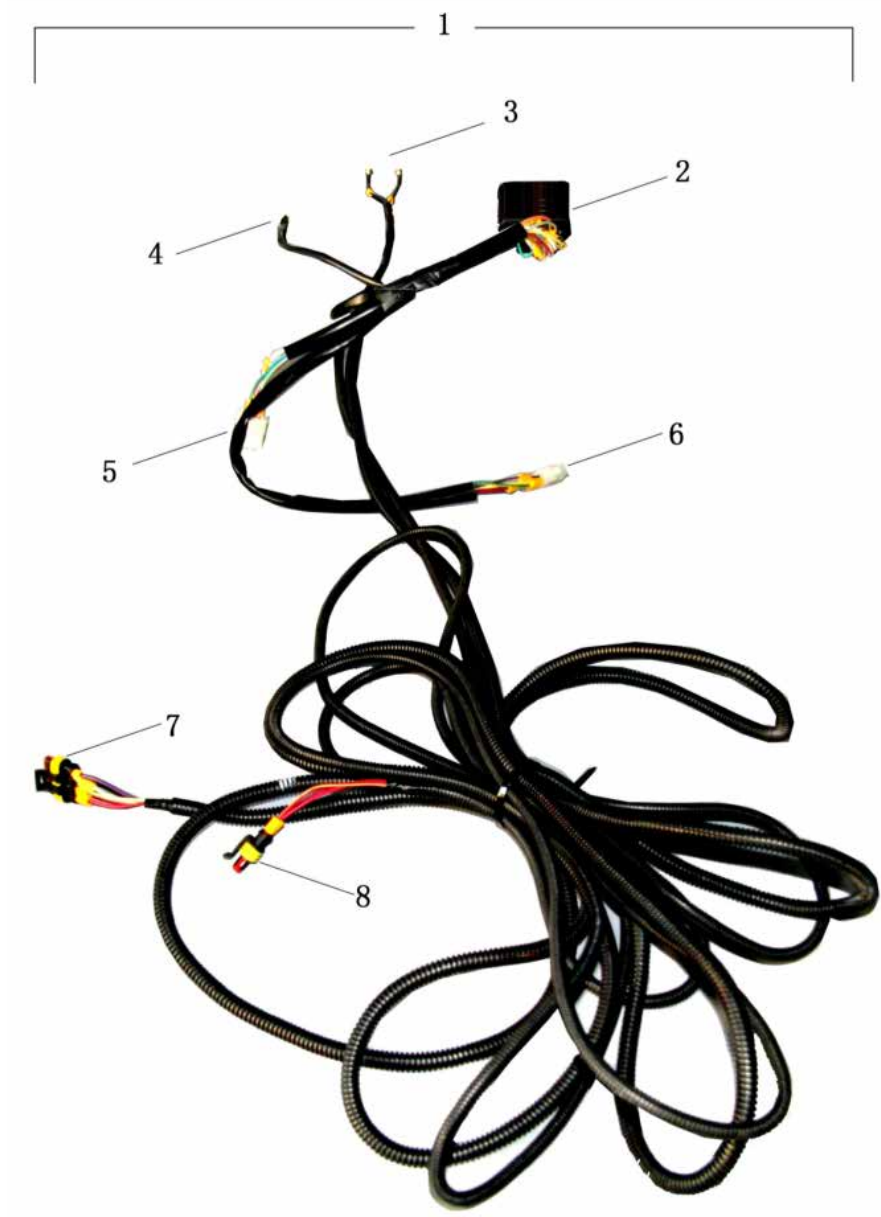
11-2 72 V AC System 1238 Controller



Item No.	STAR EV Part No.	Description	MPN	Qty
1	2CN060	Controller Assembly	1005000-017	1
2		Controller	1005100-011	1
3	2SO000	Main Contactor	1005200-002	1
4		Aluminum Panel	1005021-014	1
5		Converging Line1	1005022-009	1
6		Converging Line2	1005023-009	1

7		Converging Line3	1005024-009	1
8		Shunt Assembly	1005300-002	1
9	2RL045	Shunt	1005310-002	1
10		Shunt Base	1005320-001	1
11		Shunt Harness	1005330-001	1
12		Fuse Assembly	1005400-001	1
13	2FU150	Fuse	1005410-001	1
14		Fuse Base	1005420-001	1
15		Main Fuse Assembly	1005500-002	1
16		Main Fuse	1005510-002	1
17		Main Fuse Base	1005520-002	1
18		Controller Transfer Wire Harness	1005090-006	1
19		Motor Cable-U		1
20		Motor Cable-V		1
21		Motor Cable-W		1

11-3 72 V AC System 1238 Wire Harness



Item No.	STAR EV Part No.	Description	MPN	Qty
1		Controller Transfer Wire Harness	1005090-006	1
2		Controller Port		1
3		Main Contactor Port		1
4		Cartridge Fuse Port		1
5		Main Harness to Controller Port		1
6		Program Port		1
7		Encoder Port		1
8		Temperature sensor Port		1