

# 4P PULSE PARTS MANUAL

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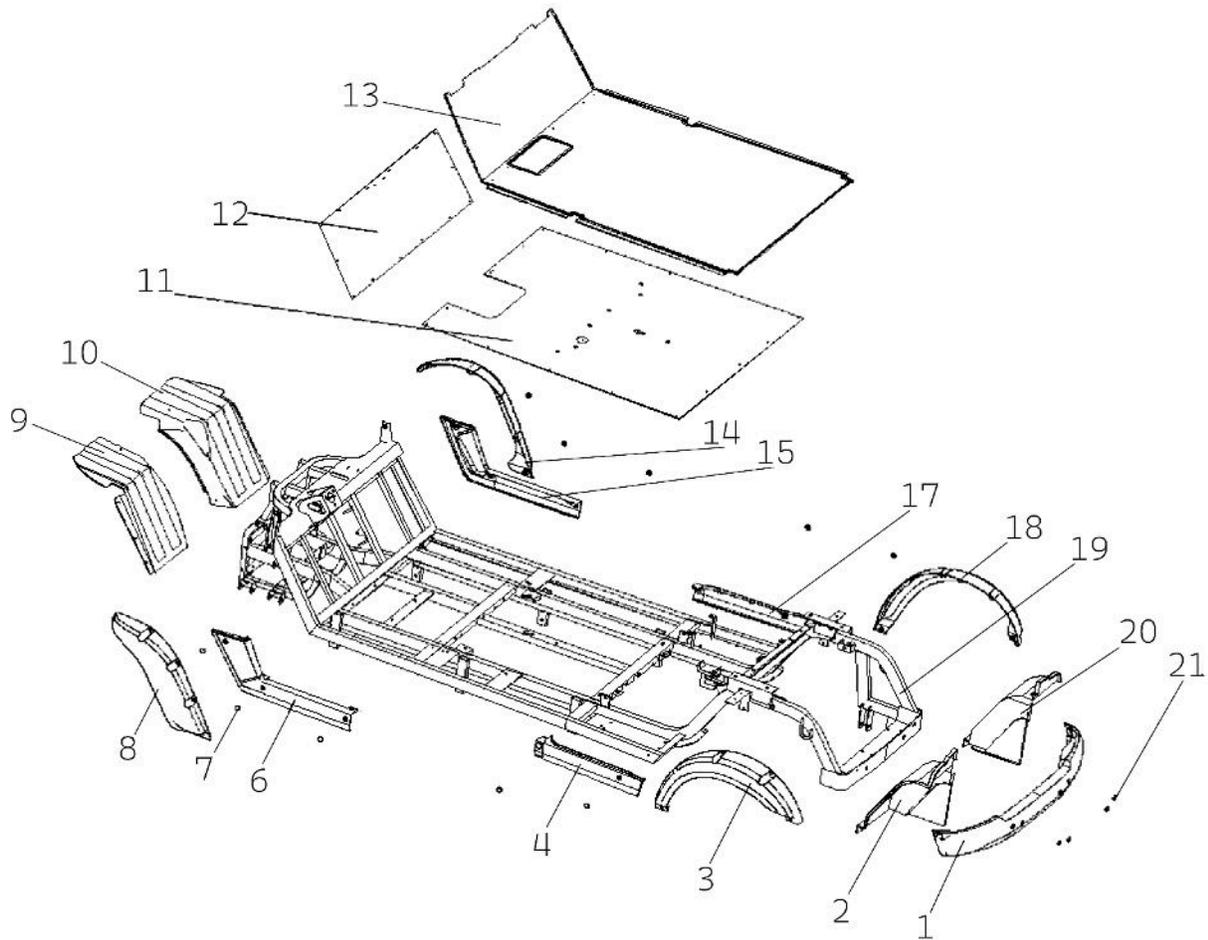
## STANDARD & LIFTED



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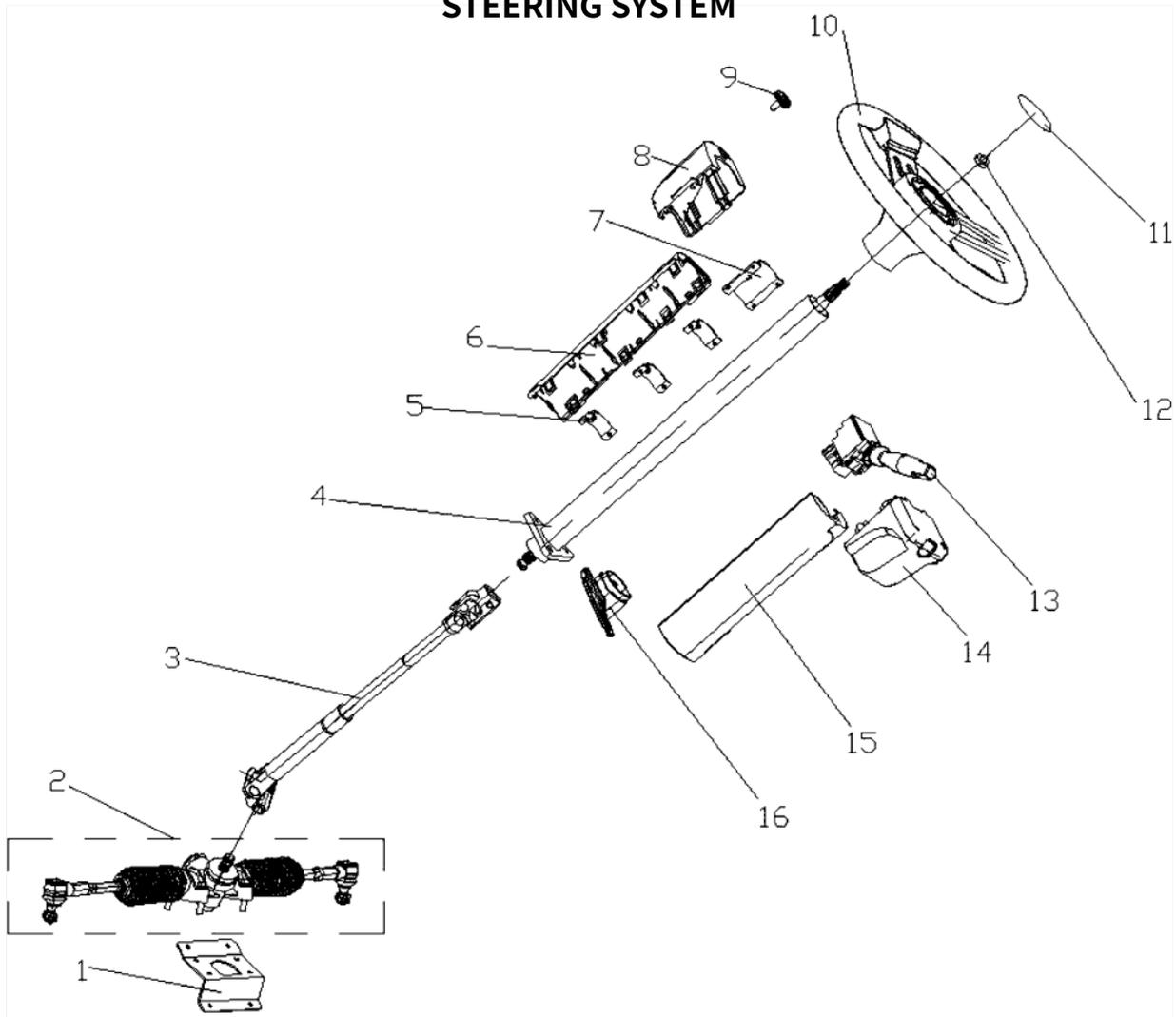
# BODY TRIM



No.	Part Number	Description	Pieces
1	F0102045017	Rear Liner	1
2	F0102045013.1	Rear Mud Guard (Left)	1
3	F0102045025.1	Rear Fender Flare-Left (Lifted)	1
	F0102063042	Rear Fender Flare-Left	1
4	F0102045010.1	Rear Retainer-Left	1
5	-	-	1
6	F0102063016	Front Retainer-Left	1
7	F0102045063	Retainer Plastic Nail-6P	8
8	F0102077012	Left Fender Flare (Lifted)	1
	F0102063040	Left Fender Flare	
9	F0103020022	Left Front Fender (Lifted)	1
	F0103020024	Left Front Fender	
10	F0103020023	Right Front Fender (Lifted)	1
	F0103020025	Right Front Fender	
11	F0102081508	Floor Mat 6 Passenger	1
12	F0102063502	Floor Headboard	1
13	F0102045502	Floor Mat	1
14	F0102077013	Right Fender Flare (Lifted)	1
	F0102063041	Right Fender Flare	1
15	F0102063017	Front Retainer-Right	1
16	-	-	1
17	F0102045010.2	Rear Retainer-Right	1
18	F0102045025.2	Rear Fender Flare - Right (Lifted)	1
	F0102063043	Rear Fender Flare - Right	1
19	N/A	Chassis *Not Available as Spare Part*	1
20	F0102045013.2	Rear Mud Guard (Right)	1
21	F0102045063	Plastic Nail	4



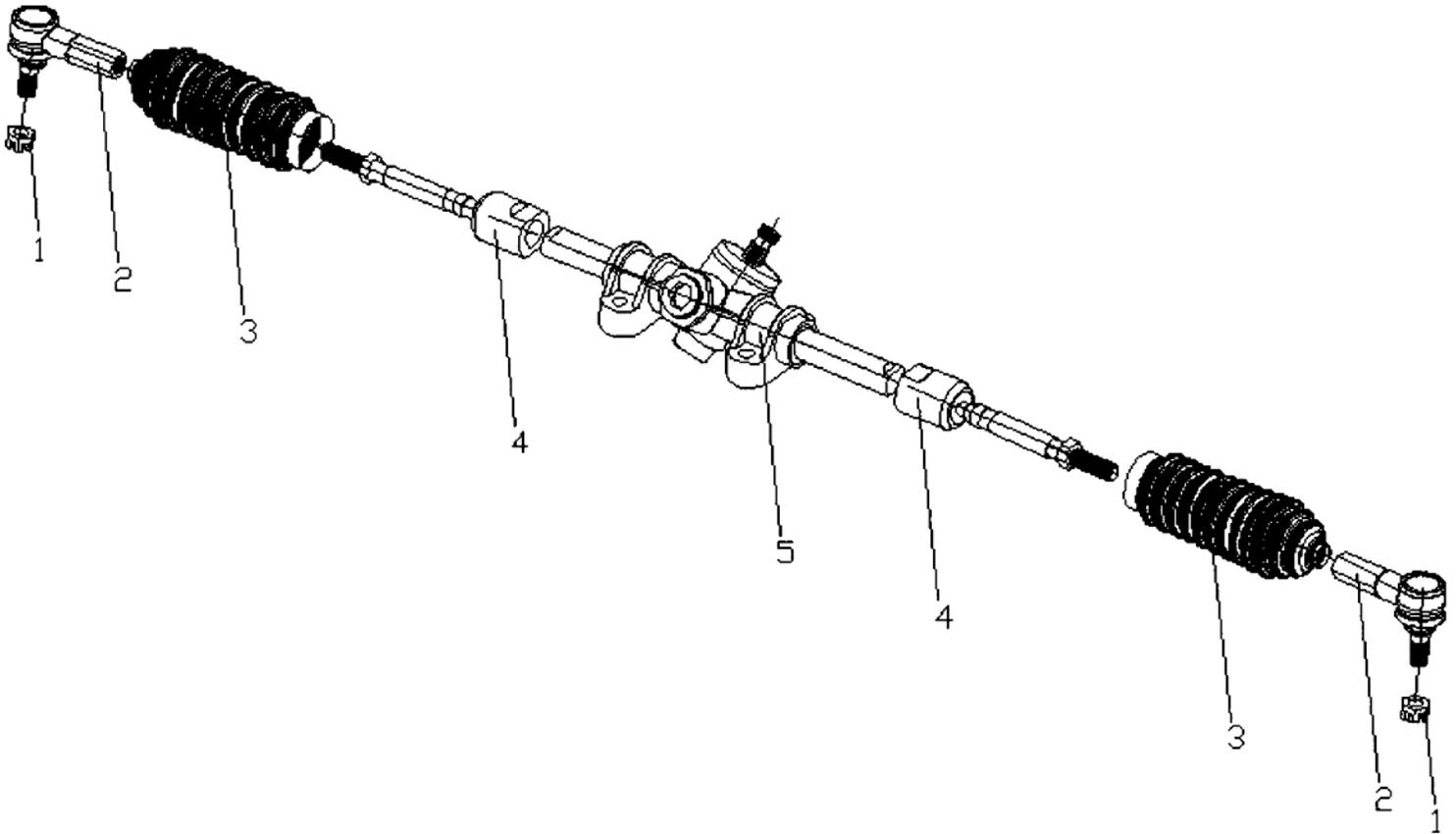
## STEERING SYSTEM



No.	Part Number	Description	Pieces
1	F0102081509	Steering Wheel Mounting Bracket	1
2	F0204003026	Steering Assembly (Lifted) (sold as assembly)	1
	F0204003025	Steering Assembly (sold as assembly)	1
3	F0204004053	Universal Joint Assembly (Lifted Cart)	1
	F0204004052	Universal Joint Assembly	1
4	F0204002031	Steering Column Assembly	1
5	F0204002033	Steering Column Hoop 2	3
6	F0102077040	Steering Column Cover-Right	1
7	F0204002032	Steering Column Hoop 1	1
8	F0309001107	Combination Switch Cover-Right	1
9	F0307003025	Waterproof Mic	1
10	F0204001015	Steering Wheel	1
11	F0199002087	Steering Wheel Logo	1
12	F211900035	Hexagon Flange Nut M16*2	1
13	F0309001102	Combination Switch	1
14	F0309001106	Combination Switch Cover-Left	1
15	F0102077039	Steering Column Cover-Left	1
16	F0102077016	Steering Column Upper Gasket	1



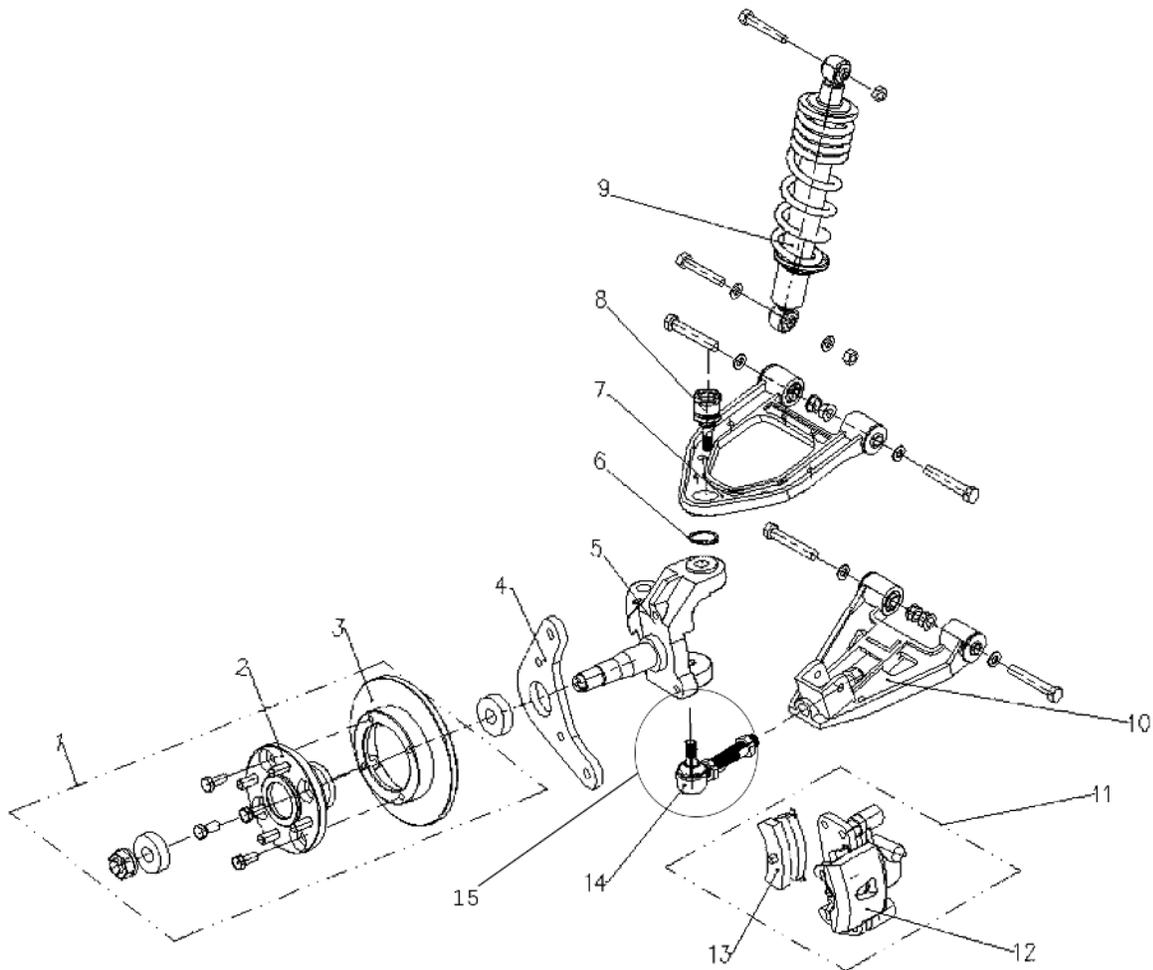
# STEERING GEAR ASSEMBLY



No.	Part Number	Description	Pieces
1	F2101053004	20x M12X 1.25 Castle Nut	2
2	F0204003026.4	Tie Rod End (Lifted) Sold as part of F0204003026	2
	F0204003025.4	Tie Rod End Sold as part of F0204003025	2
3	F0204003026.2	Dust Cover (Lifted) Sold as part of F0204003026	2
	F0204003025.2	Dust Cover Sold as part of F0204003025	2
4	F0204003026.3	Steering Tie Rod (Lifted) Sold as part of F0204003026	2
	F0204003025.3	Steering Tie Rod Sold as part of F020400302	2
5	F0204003026.1	Steering Gear Body (Lifted) Sold as part of F0204003026	2
	F0204003025.1	Steering Gear Body Sold as part of F0204003025	2



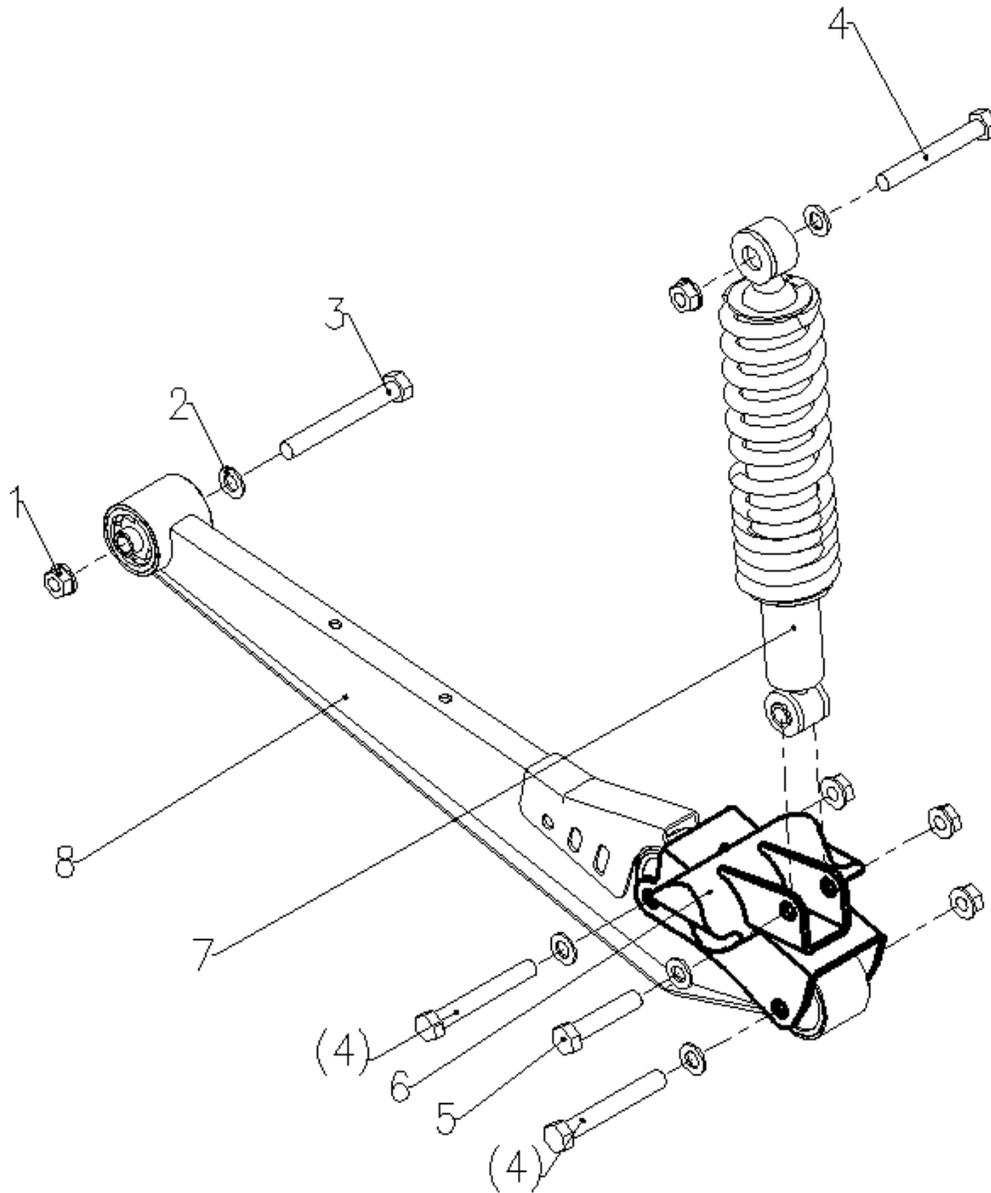
# FRONT SUSPENSION ASSEMBLY



No.	Part Number	Description	Pieces
1	F0201002018	Pulse Brake Disc Brake Hub Bearing Assembly (1-3 in diagram below)	2
2	N/A	Pulse Hub Assembly Sold as part of F0201002018	2
3	N/A	Pulse Brake Disc Sold as part of F0201002018	2
4	F0201002015	Front Pump Fixed Plate	2
5	F0201011011	Disc-Brake Spindle Left	1
	F0201011012	Disc-Brake Spindle Right	1
6	043134	Circlip 34	2
7	F0201013007	Upper Control Arm (Same On Both Sides)	2
8	F0201013007.1	Ball Joint (Comes With Cotter Pins)	2
9	F0202006037	Front Shock Absorber (Lifted)	2
	F0202006036	Front Shock Absorber	2
10	F0201013008	Lower Control Arm Left	1
	F0201013009	Lower Control Arm Right	1
11	F0201002034	Front Brake Caliper Assembly-Left	1
	F0201002035	Front Brake Caliper Assembly-Right	1
12	F0201002034.1	Front Caliper-Left	1
	F0201002035.1	Front Caliper-Right	1
13	F0201002034.2	Brake Pad Left	1
	F0201002035.2	Brake Pad Right	1
14	F0201013010	Adjustable Ball Housing Assembly	2
15	F2101053004	20x M12X 1.25 Castle Nut (For Adjustable Ball Housing Assembly)	1



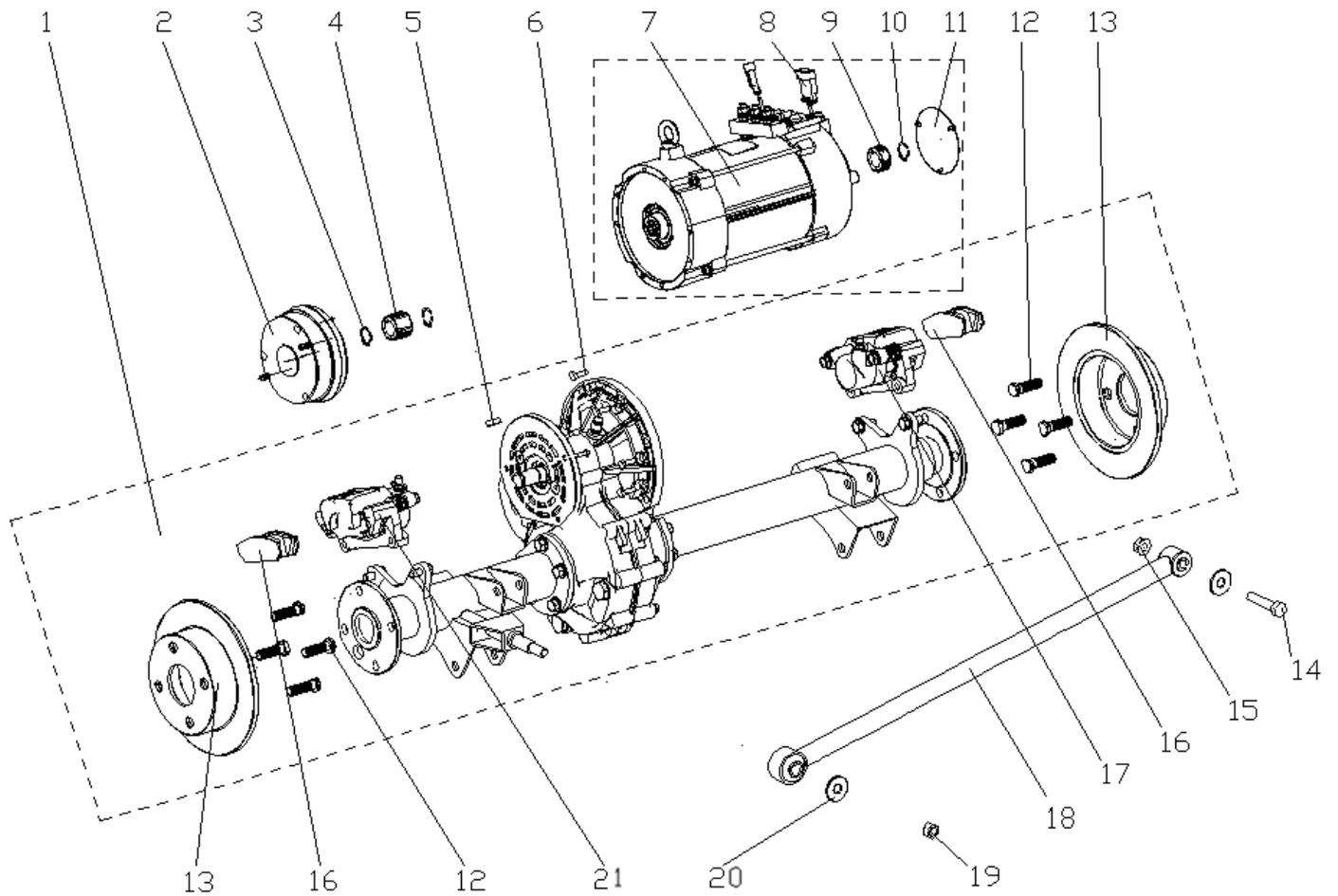
# REAR SUSPENSION ASSEMBLY



No.	Part Number	Description	Pieces
1	Y0301019093	Non-metallic Insert Hexagon Flange Nut M12	10
2	F2101081014	Flat Washer M12	10
3	Y0301010062	Hexagon Bolt M12x100	2
4	Y0301010061	Hexagon Bolt M12x90 (For Shock)	6
5	Y0301010057	Hexagon Bolt M12x60 (For Rear Axle)	2
6	N/A	Rear Axle Part	-
7	F0202006081	Rear Shock Absorber Assembly 4P (Lifted)	2
	F0202006085	Rear Shock Absorber Assembly 4P	2
8	F0201013021	Rear Axle Tube Kit Assembly	2



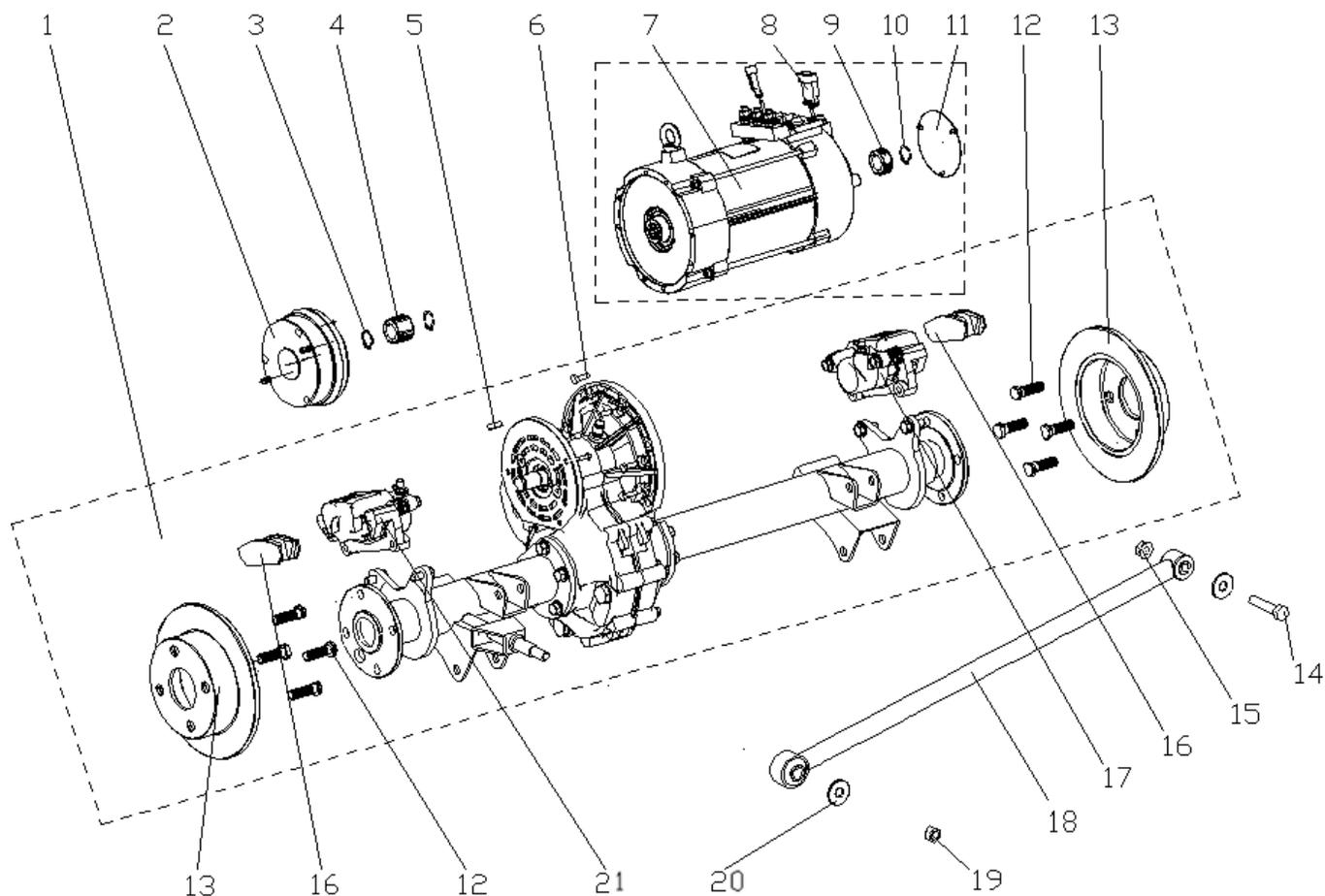
## REAR AXLE ASSEMBLY LIFTED



No.	Part Number	Description	Pieces
1	F0201003108	Rear Transaxle Lifted Assembly	1
2	F0201004006	Electronic Parking Brake (Black)	1
	F0201004009	Electronic Parking Brake (Silver)	
3	Y0301025007	Circlip For Shaft	2
4	F0201004006.5	Steering Assembly Spacer	1
5	F0201004006.7	Flat Key	1
6	F2101043020	Flange Bolt M6*20	5
7	F0302002072	AC Motor	1
8	F0302002072.5	Speed Sensor	1
9	F0302002072.3	Impulse Wheel	1
10	Y0301025007	Circlip For Shaft	1
11	F0302002072.1	End Cover	1
12	F0201003108.1	Tire Bolt M12	8
13	F0201003108.2	Brake Disc	2
14	Y0301010057	Hexagon Bolt M12x60	1
15	Y030109093	Hexagon Flange Locking Nut M12	1
16	F0201003108.3	Brake Pad	2
17	F0201003108.5	Brake Caliper (Right)	1
18	F0201009030	Rear Stabilizer Bar	1
19	Y0301019057	Fine Thread Nut M12*1.25	1
20	Y0301020200	Enlarge Flat Washer M12	1
21	F0201003108.4	Brake Caliper (Left)	1



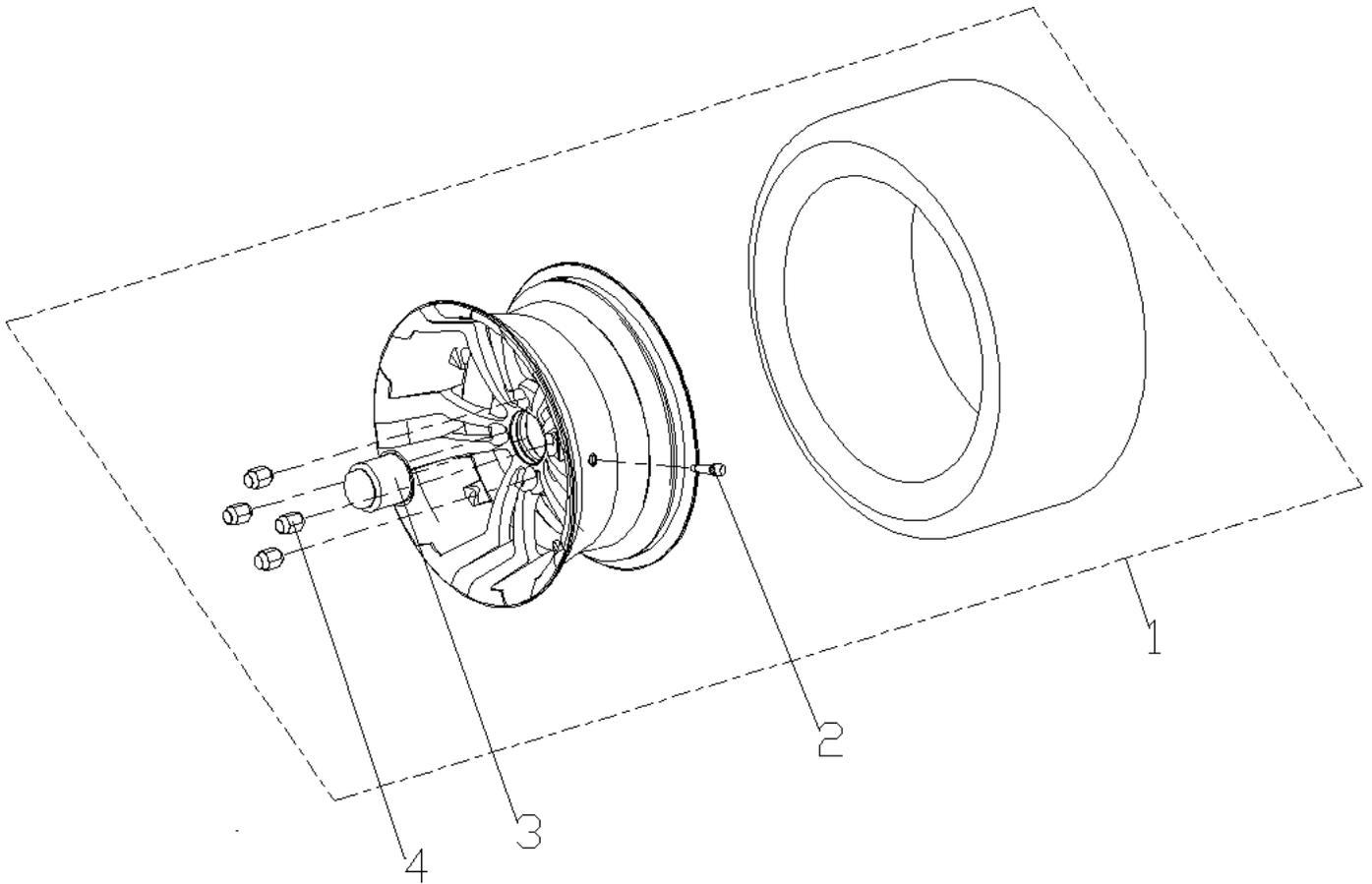
## REAR AXLE ASSEMBLY STANDARD



No.	Part Number	Description	Pieces
1	F0201003109	Rear Transaxle Lifted Assembly	1
2	F0201004006	Electronic Parking Brake (Black)	1
	F0201004009	Electronic Parking Brake (Silver)	
3	Y0301025007	Circlip For Shaft	2
4	F0201004006.5	Steering Assembly Spacer	1
5	F0201004006.7	Flat Key	1
6	F2101043020	Flange Bolt M6*20	5
7	F0302002072	AC Motor	1
8	F0302002072.5	Speed Sensor	1
9	F0302002072.3	Impulse Wheel	1
10	Y0301025007	Circlip For Shaft	1
11	F0302002072.1	End Cover	1
12	F0201003109.1	Tire Bolt M12	8
13	F0201003109.2	Brake Disc	2
14	Y0301010057	Hexagon Bolt M12x60	1
15	Y030109093	Hexagon Flange Locking Nut M12	1
16	F0201003109.3	Brake Pad	2
17	F0201003109.5	Brake Caliper (Right)	1
18	F0201009030	Rear Stabilizer Bar	1
19	Y0301019057	Fine Thread Nut M12*1.25	1
20	Y0301020200	Enlarge Flat Washer M12	1
21	F0201003109.4	Brake Caliper (Left)	1



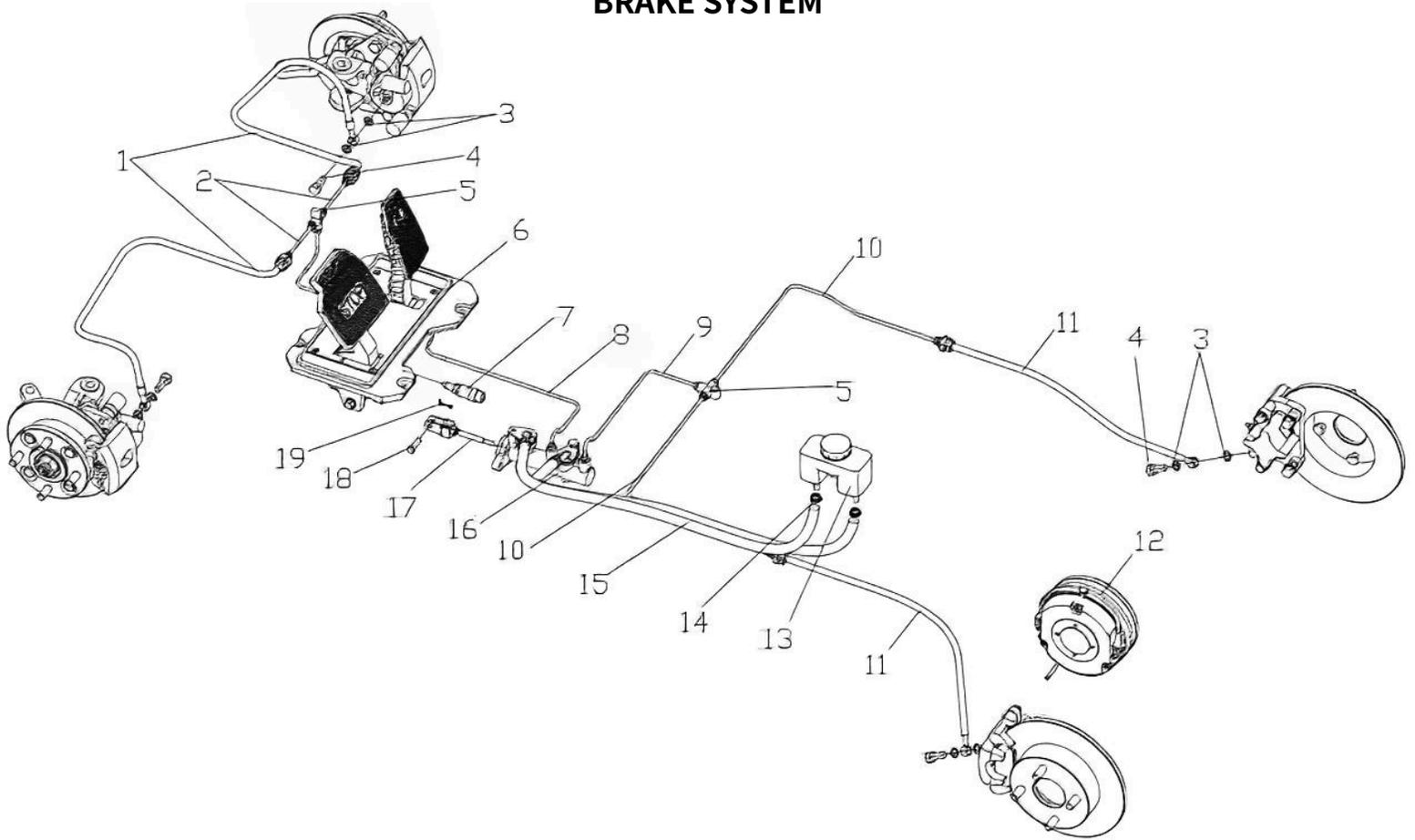
# TIRE ASSEMBLY



No.	Part Number	Description	Pieces
1	F0202009205-Lifted	Tire and Wheel Assembly (Lifted)	4
-	F0202009200	Tire Lifted	4
-	F0202010217	Rim	4
-	F0202009205-Left	Tire and Wheel Assembly (Left)	2
-	F0202009205-Right	Tire and Wheel Assembly (Right)	2
-	F0202009204-Left	Tire (Left)	2
-	F0202009204-Right	Tire (Right)	2
2	N/A	Tire Valve	-
3	N/A	Hub Cap	-
4	F2101059003	Tire Nut (M12 x 1.25 Black Zinc Plating)	16



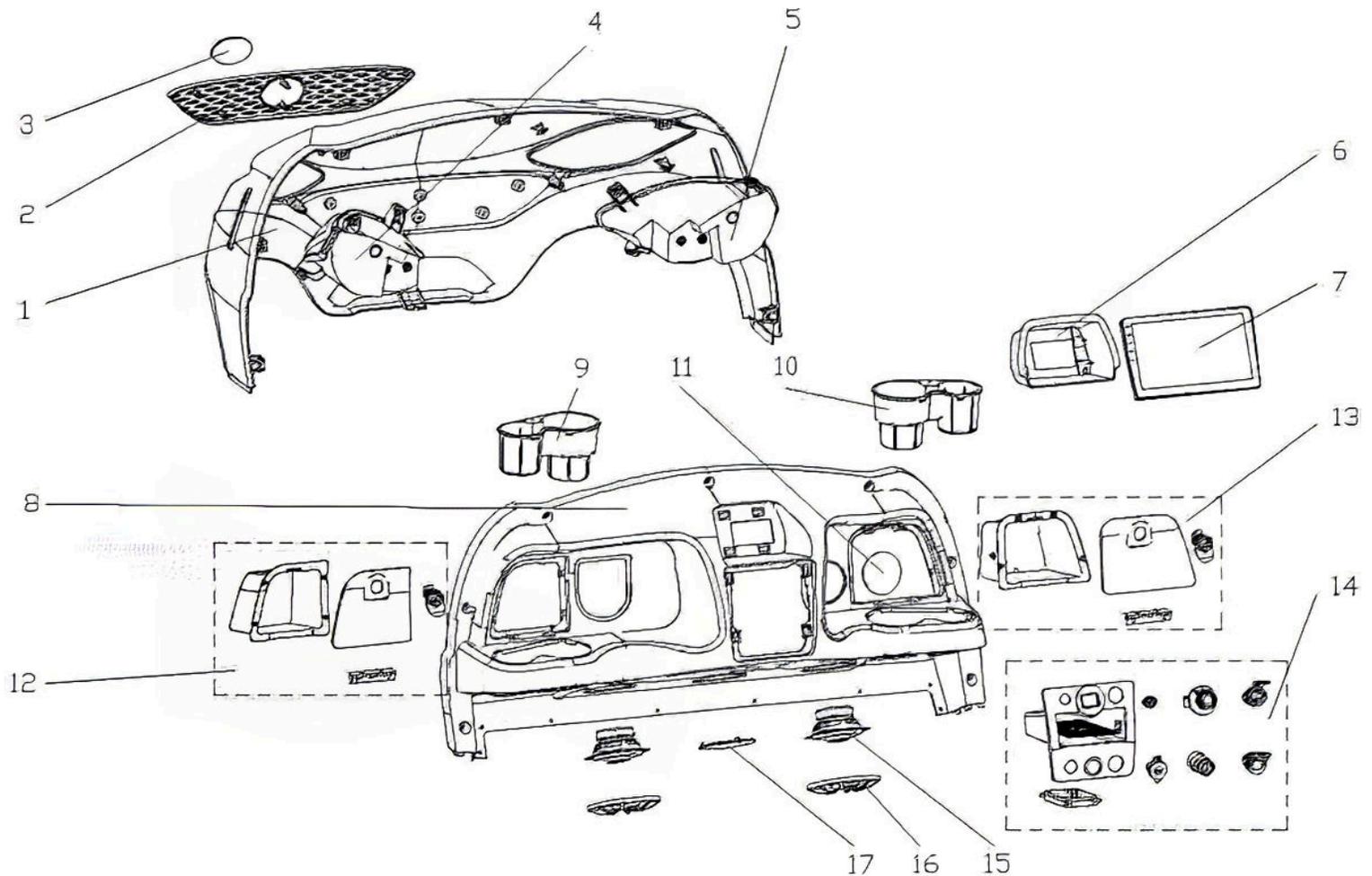
# BRAKE SYSTEM



No.	Part Number	Description	Pieces
1	F0203007009	Front Brake Hose/L460	2
2	F0203006043	Formed Brake Oil Pipe - Front (Left & Right) (Lifted Cart)	2
	F0203006048	Formed Brake Oil Pipe - Left Front (Lowered Cart)	1
	F0203006049	Formed Brake Oil Pipe - Right Front (Lowered Cart)	1
3	Y0211045	Combination Washer	8
4	D1901013	Hollow Bolt	4
5	D1901015	Three-way valve	2
6	F0303002008	Pedal Assembly	1
7	F0309005002	Brake Light Switch	1
8	F0203006042	Formed Brake Oil Pipe - Middle Front (Lifted Cart)	1
	F0203006047	Formed Brake Oil Pipe - Middle Front (Lowered Cart)	1
9	F0203006039	Formed Brake Oil Pipe - Middle Rear (2/2+2 Seats)	1
10	F0203006045	Formed Brake Oil Pipe - Left Rear	1
	F0203006046	Formed Brake Oil Pipe - Right Rear	1
11	F0203007010	Brake Hose/L520	2
12	F0201004006	Electronic Parking Brake (Black)	1
	F0201004009	Electronic Parking Brake (Silver)	
13	D2201005	Brake Reservoir	1
14	F0203003104.5	Steel Strip Elastic Hoop	4
15	Y0316020008	Brake Hose	2
16	F0203003104	Master Cylinder	1
17	F0203003104.2	Brake Master Cylinder Putter	1
18	F0203003104.3	Front Pin of Brake Cable	1
19	F0203003104.1	Cotter Pin	1



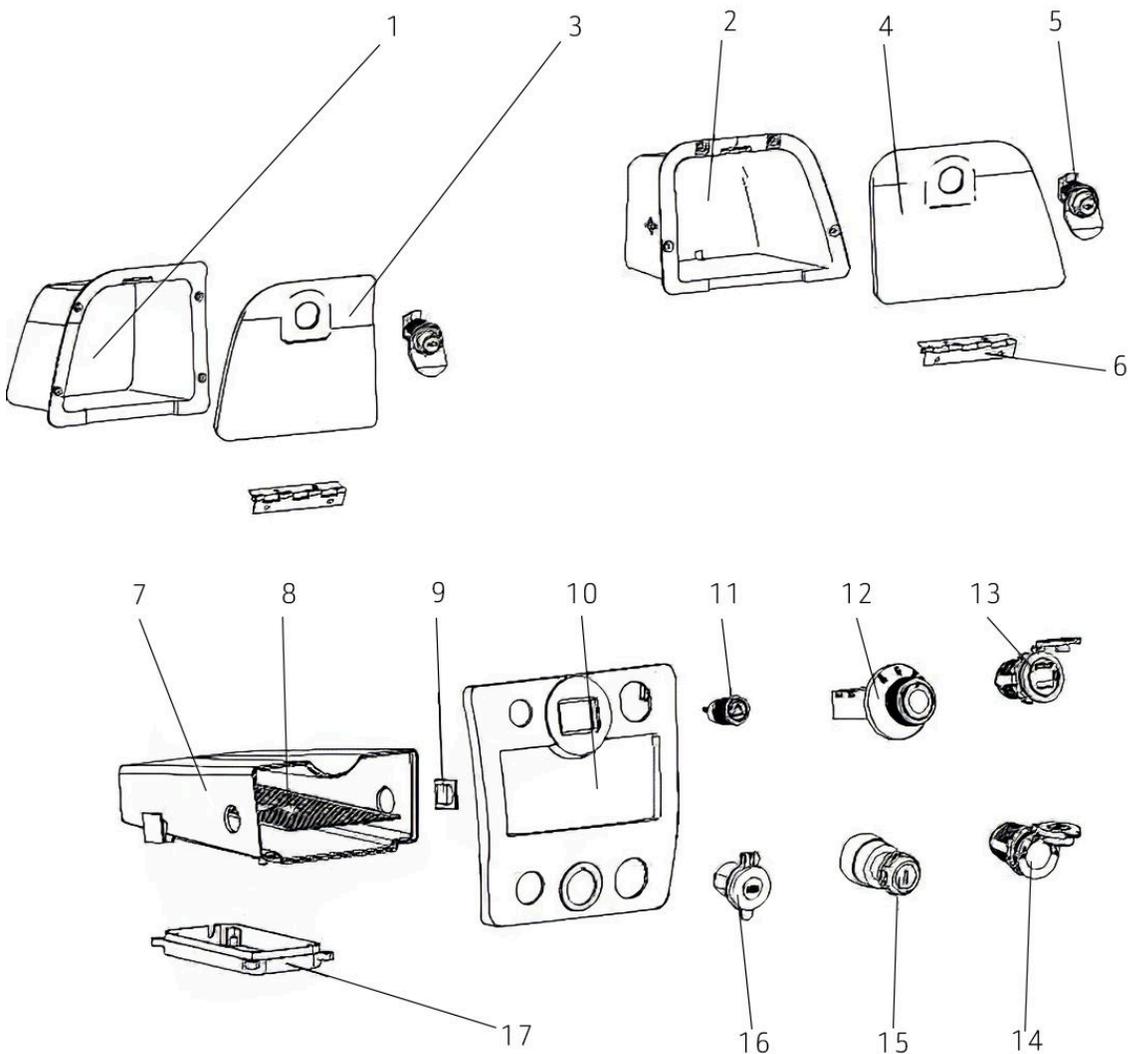
## FRONT COWL ASSEMBLY AND DASHBOARD ASSEMBLY



No.	Part Number	Description	Pieces
1	F0102081522	Front Cowl <i>*Choose Color When Ordering*</i>	1
2	F0102077041	Centre Grill	1
3	F0102077042	Grill Logo	1
4	F0308001049	LED Light Left	1
5	F0308001050	LED Light Right	1
6	F0102073008	Display Housing	1
7	F0307001032	Reverse Dash Screen	1
8	F0102077005	Dash Panel	1
9	F0102063006	Cup Holder Left	1
10	F0102063007	Cup Holder Right	1
11	F0102077019	Dashboard Blanking Cap	1
12	N/A	Glove Box Assembly - Left	1
13	N/A	Glove Box Assembly - Right	1
14	N/A	Central Control Panel Assembly	1
15	F0307003026	Complete Speaker	2
16	F0307004009	Speaker Cover	2
17	F0102049025	Horn Cover	1



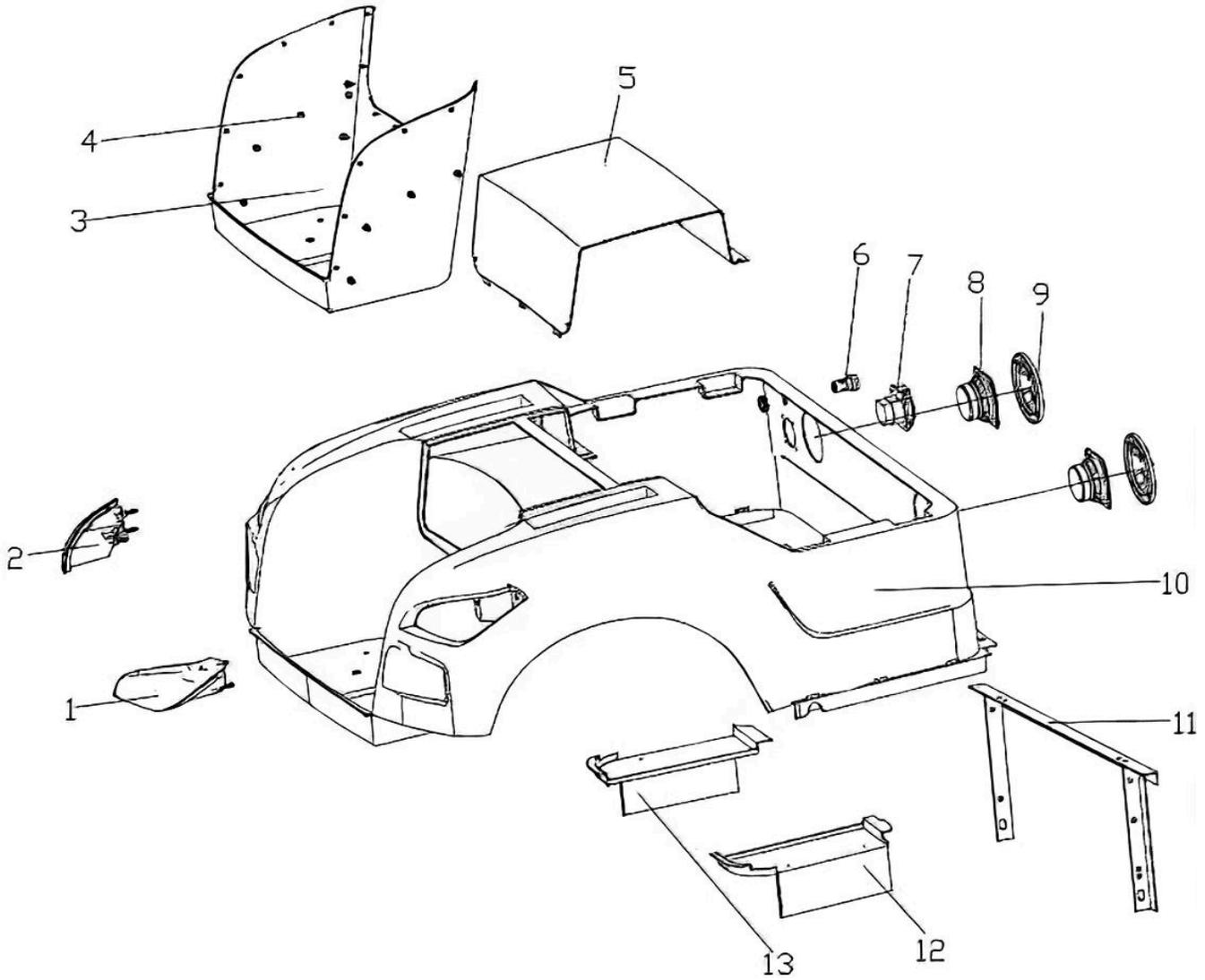
## DASHBOARD COMPONENTS



No.	Part Number	Description	Pieces
1	F0102077006	Glove Box-Left	1
2	F0102077007	Glove Box-Right	1
3	F0102077008	Glove Box Cover-Left	1
4	F0102077009	Glove Box Cover-Right	1
5	F0103003085	Glove Box Lock	2
6	F0103024057	Glove Box Hinge	2
7	F0102077011	Accessory Electrical Socket	1
8	F0103035087	Wireless Charging Phone Protective Pad	1
9	F0309004008	Button Switch (Standby Power Supply)/Blue Indicator Light	2
10	F0102077010	Central Control Switch Panel	1
11	F0309004007	Button Switch (Double Flashing)/including Plug-in/Black	1
12	F0309006006	Knob Shift Switch	1
13	F0309013050	PD Quick Charge	1
14	F0304017005	Cigar Lighter Base	1
15	F0309002212	Ignition	1
16	F0309013049	USB Port	1
17	F0399011001	Wireless Charger Assembly	1



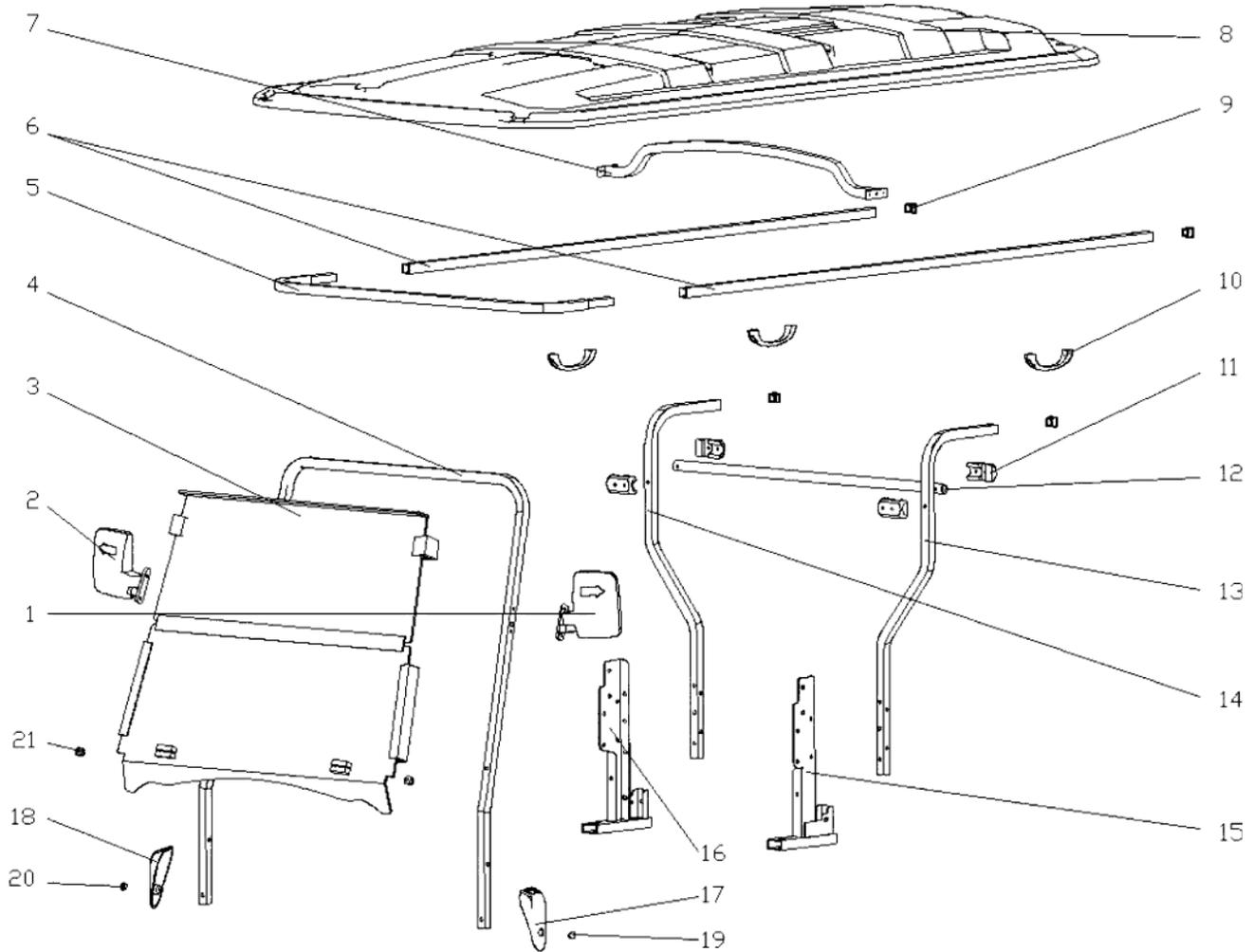
## REAR BODY COVER ASSEMBLY



No.	Part Number	Description	Pieces
1	F0102045021	Rear Light Right	1
2	F0102045020	Rear Light Left	1
3	F0102045012	Caddy Protection Pad	1
4	F0103064016	Snap Fastener	19
5	F0102045011	Electronic Control Access Cover	1
6	F0399007002	Charging Indicator Light (Lithium Battery Version)	11
7	F0301014026	Charging Socket	1
8	F0307003026	Complete Speaker	2
9	F0307004009	Speaker Cover	2
10	F0102045538	Pulse Rear Body Cowl *Choose Color When Ordering*	1
11	F0102047503	Seat Bucket Bracket	1
12	F0102063028	Rear Hood Water Deflector-Left	1
13	F0102063029	Rear Hood Water Deflector-Right	1



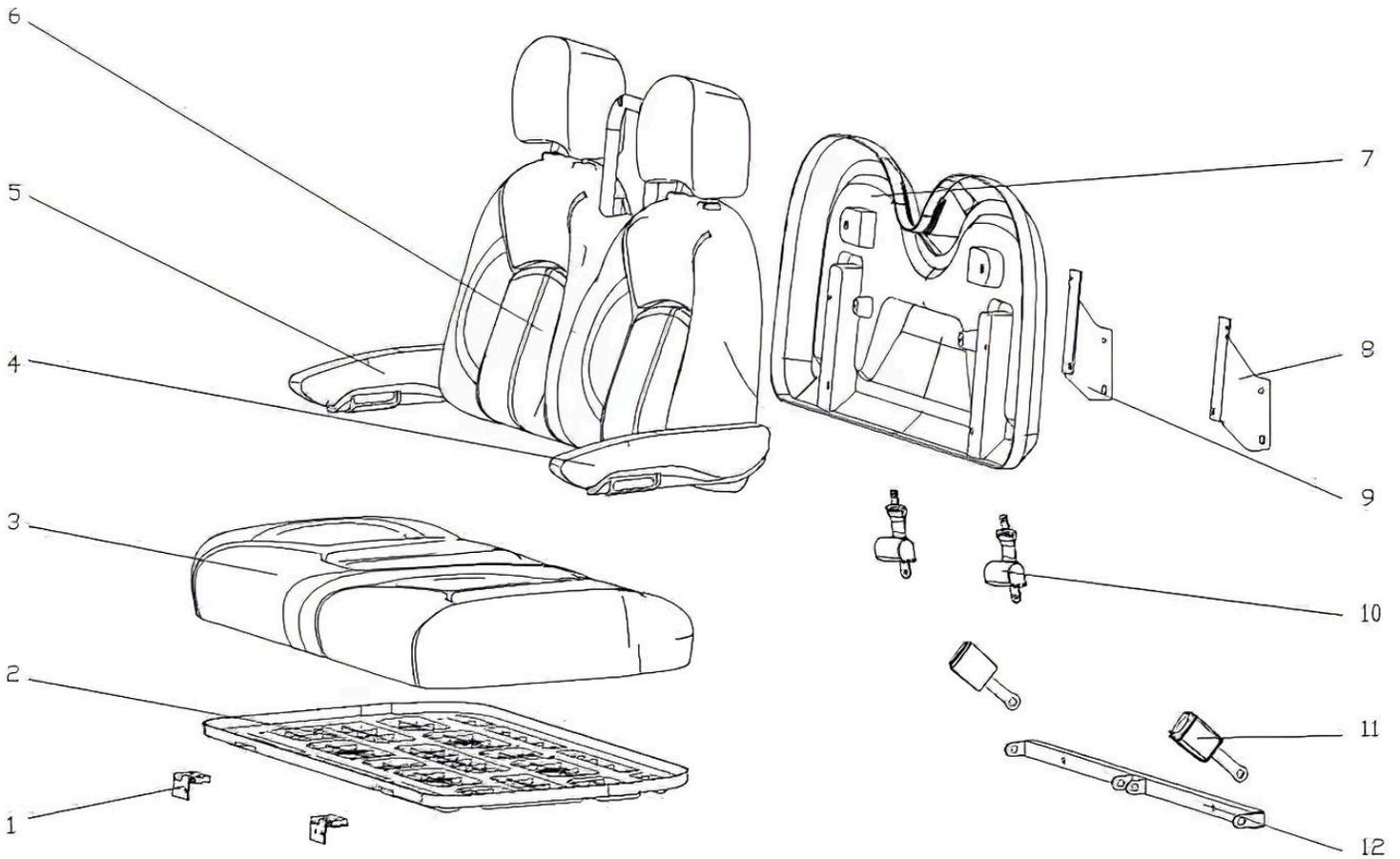
## ROOF ASSEMBLY



No.	Part Number	Description	Pieces
1	F0103017039	Side Mirror Left	1
2	F0103017040	Side Mirror Right	1
3	F0103009031	Laminated Windshield	1
4	F0102081501	Laminated Windshield Frame	1
5	F0102081502.2	6 Roof Frame	1
6	F0102081502	Roof U-Frame	2
7	F0102081510	Roof Reinforcement Beam	1
8	F0102081504	Roof <i>*Choose Color When Ordering*</i>	1
9	F0102040033	Square Tube Rubber Blanking Cap	4
10	F0103025019	Handle	3
11	F0102045064	Caddie Handle Fixing Bracket	4
12	F0102077517	Caddie Handle	2
13	F0102077515	Roof Rear Support (Left)	1
14	F0102077516	Roof Rear Support (Right)	1
15	F0102077509	Roof Support Reinforcement (Left)	1
16	F0102077510	Roof Support Reinforcement (Right)	1
17	F0102077014	Roof Front Strut Sheath Left	1
18	F0102077015	Roof Front Strut Sheath Right	1
19	F0102063033	Left Sheath - Blanking Cap	1
20	F0102063034	Right Sheath - Blanking Cap	1
21	F0103009031.1	Rubber Plug	1



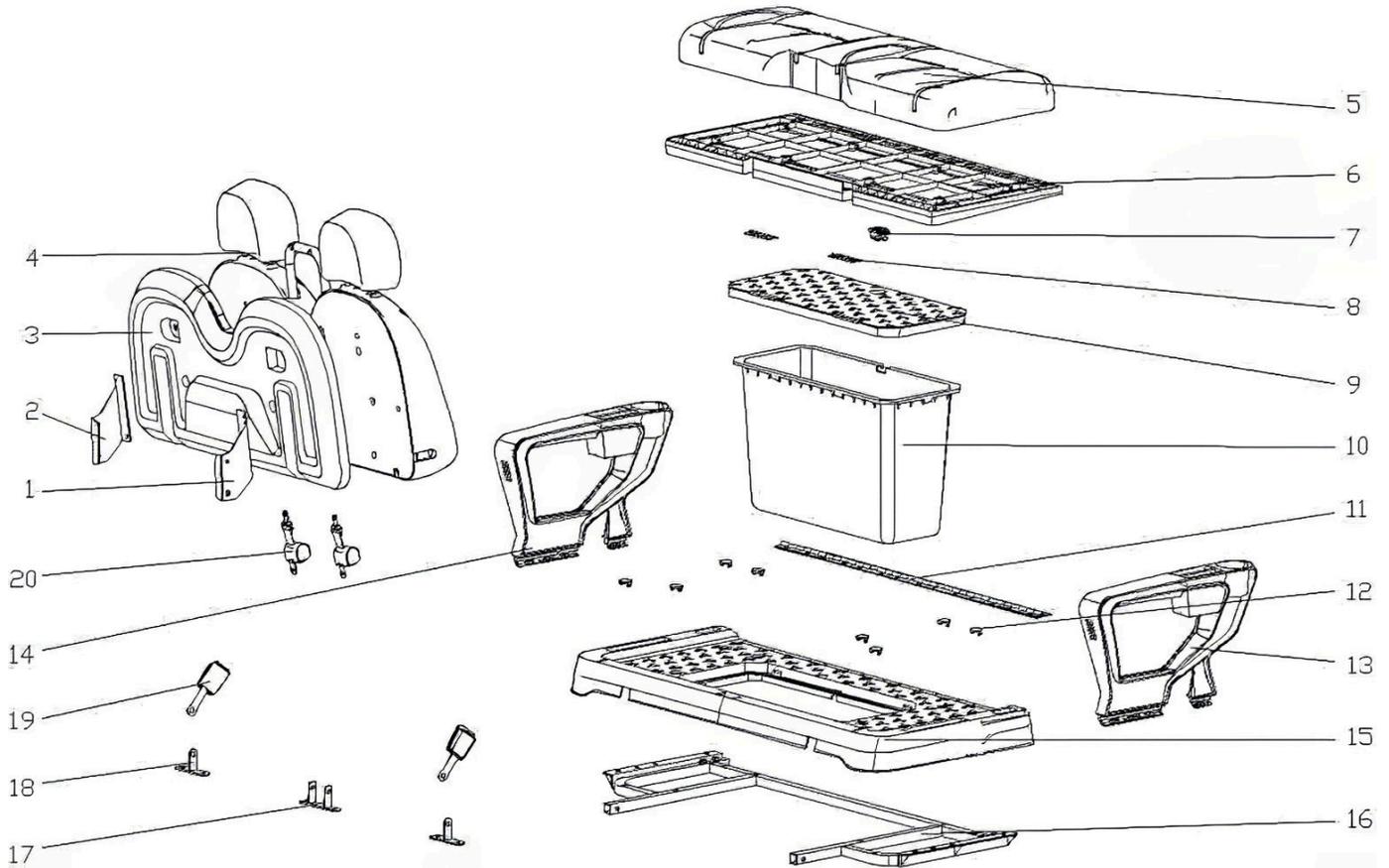
# FRONT SEAT ASSEMBLY



No.	Part Number	Description	Pieces
1	F0103015040	Cushion Hinge	2
2	F0102077036	Cushion Base	1
3	F0103014289	Front Seat Cushion <i>*Choose Color When Ordering*</i>	1
4	F0103014290.1	Armrest- Left	1
5	F0103014290.2	Armrest- Right	1
6	F0103014290	Front Seat Backrest <i>*Choose Color When Ordering*</i>	1
7	F0102077035	Backrest Cover	1
8	F0102077507	Backrest Bracket- Left	1
9	F0102077508	Backrest Bracket- Right	1
10	F0103013011	Complete 3pt Seat Belt	2
11	F0103013011.1	Female Seat Belt	2
12	F0102047504	Seat Belt Mounting Bar	1



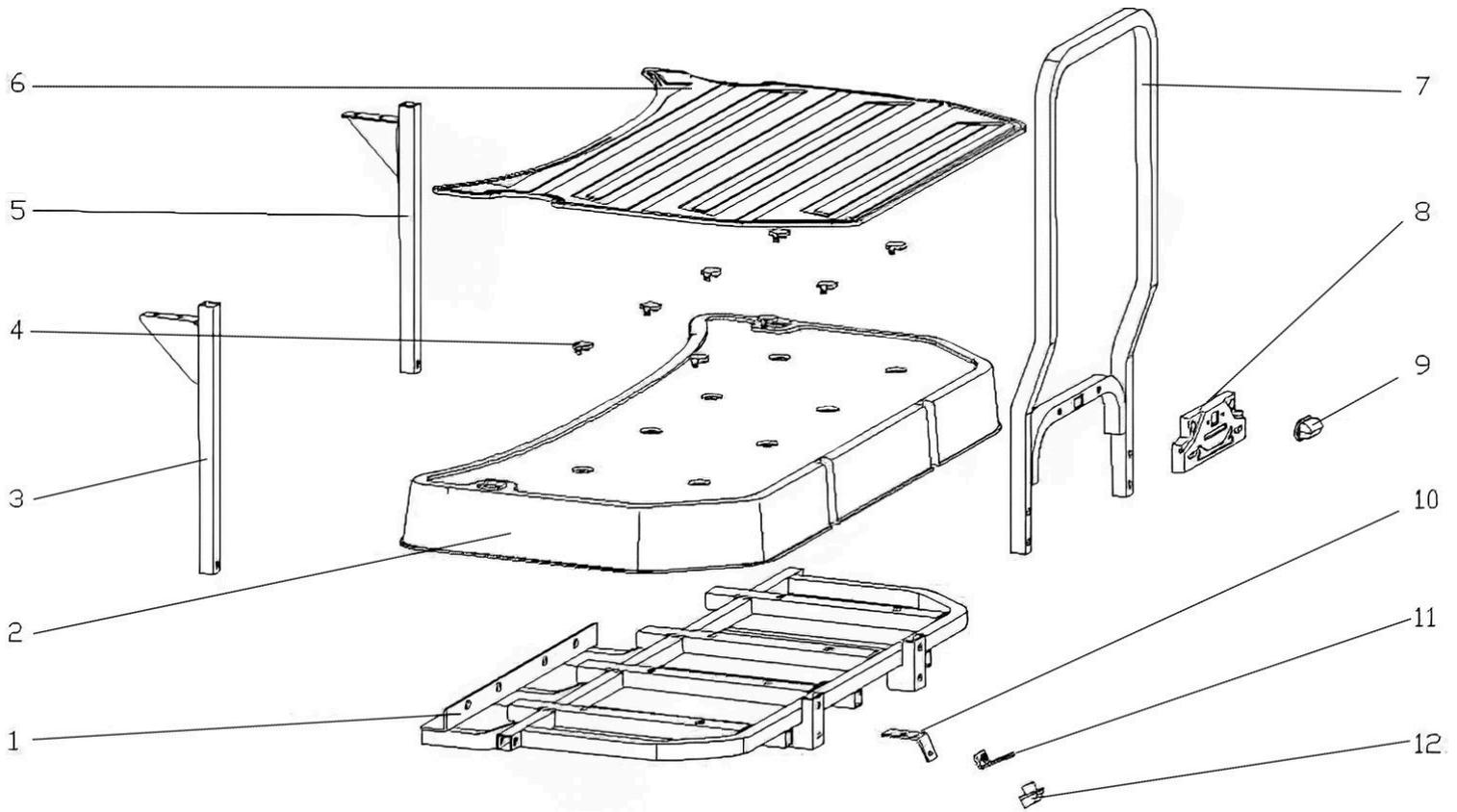
## FLIP SEAT AND BACKREST



No.	Part Number	Description	Pieces
1	F0102077522	Rear Back Bracket Left	1
2	F0102077523	Rear Back Bracket Right	1
3	F0102077035	Backrest Cover	1
4	F0103014291	Backward Backrest *Choose Color When Ordering*	1
5	F0103014288	Flip Seat Rear Bottom Cushion *Choose Color When Ordering*	1
6	F0102081010	Cushion Flap	1
	F0102081016	Reverse Kit Spring Lock	1
7	F0103035089	Ice Bucket Rubber Plug	1
	F0102081015.1	Ice Bucket Hinge	2
8	F0102081014	Ice Bucket Cover	1
9	F0102081015	Ice Bucket	1
10	F0102081011	Flip Hinge	7
	F0102081012	Flip Hinge Axis	1
11	F0102081018	Flip Seat Blanking Cap	24
12	F0102081013.1	Flip Seat Armrest - Left	1
13	F0102081013.2	Flip Seat Armrest - Right	1
14	F0102081009	Flip Seat Floor	1
15	F0102078504	Flip Seat Reinforcement Frame (Used Before 160 Units)	1
	F0102081511	Flip Seat Reinforcement Frame (Used After 160 Units)	
16	F0102081519	Flip Seat Belt Bracket	1
17	F0102081520	Flip Seat Belt Bracket 2	1
18	F0103013014.1	Flip Seat Seat Belt Buckle	2
19	F0103013014	Flip Seat Seat Belt	2



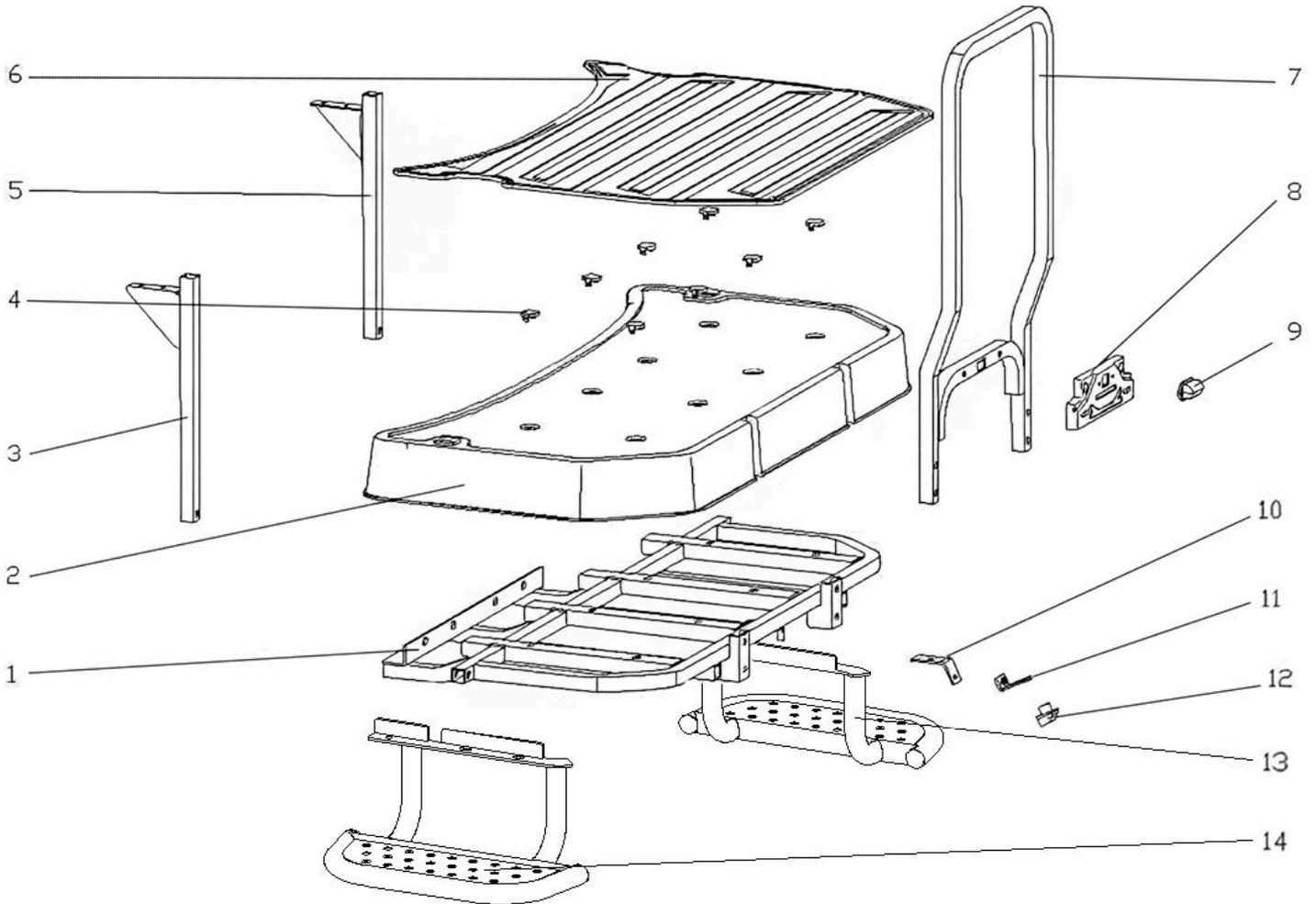
# REAR PEDAL ASSEMBLY V1



No.	Part Number	Description	Pieces
1	F0102081514 - V1	Pedal Frame Assembly	1
2	F0102081017	Flip Seat Pedal	1
3	F0102081512	Foot Pedal Connecting Beam - Left	1
4	F0102081018	Flip Seat Blanking Cap	8
5	F0102081513	Foot Pedal Connecting Beam - Right	1
6	F0103027117	Rear Pedal Formed Floor Mat	1
7	F0102081515	Rear Grab Bar	1
8	F0102077043	License Plate Frame	1
9	F0308011004	License Plate Light	1
10	F0102081516	Camera Mounting Plate 1	1
11	F0102081517	Camera Mounting Plate 2	1
12	F0304014015	Reverse Camera	1



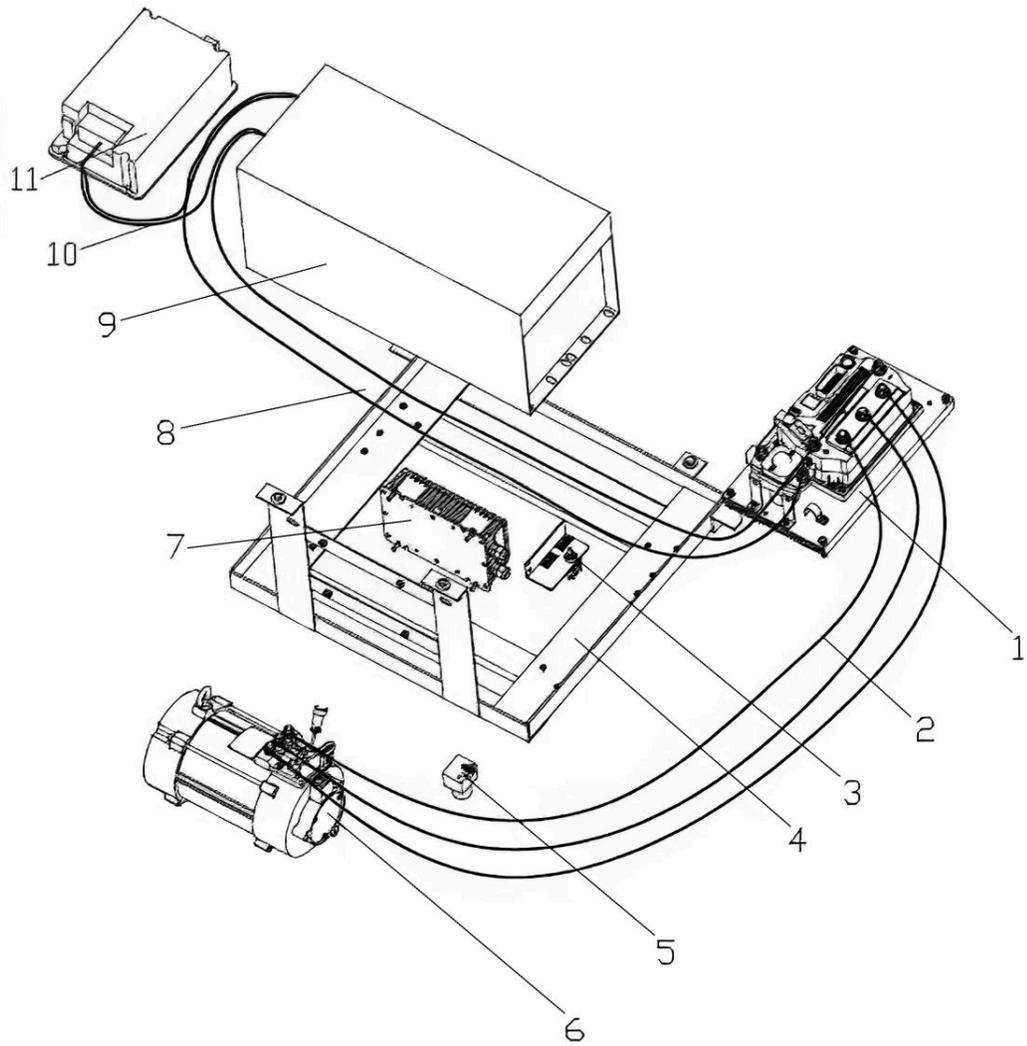
## REAR PEDAL ASSEMBLY V2



No.	Part Number	Description	Pieces
1	F0102081514 - V2	Pedal Frame Assembly	1
2	F0102081017	Flip Seat Pedal	1
3	F0102081512	Foot Pedal Connecting Beam - Left	1
4	F0102081018	Flip Seat Blanking Cap	8
5	F0102081513	Foot Pedal Connecting Beam - Right	1
6	F0103027117	Rear Pedal Formed Floor Leather	1
7	F0102081515	Rear Grab Bar	1
8	F0102077043	License Plate Frame	1
9	F0308011004	Light Of License Plate	1
10	F0102081516	Camera Mounting Plate 1	1
11	F0102081517	Camera Mounting Plate 2	1
12	F0307001032.1	Reverse Camera	1
13	F0102077524	Rear Platform Side Steps - Right	1
14	F0102077525	Pulse Rear Platform Side Steps - Left	1



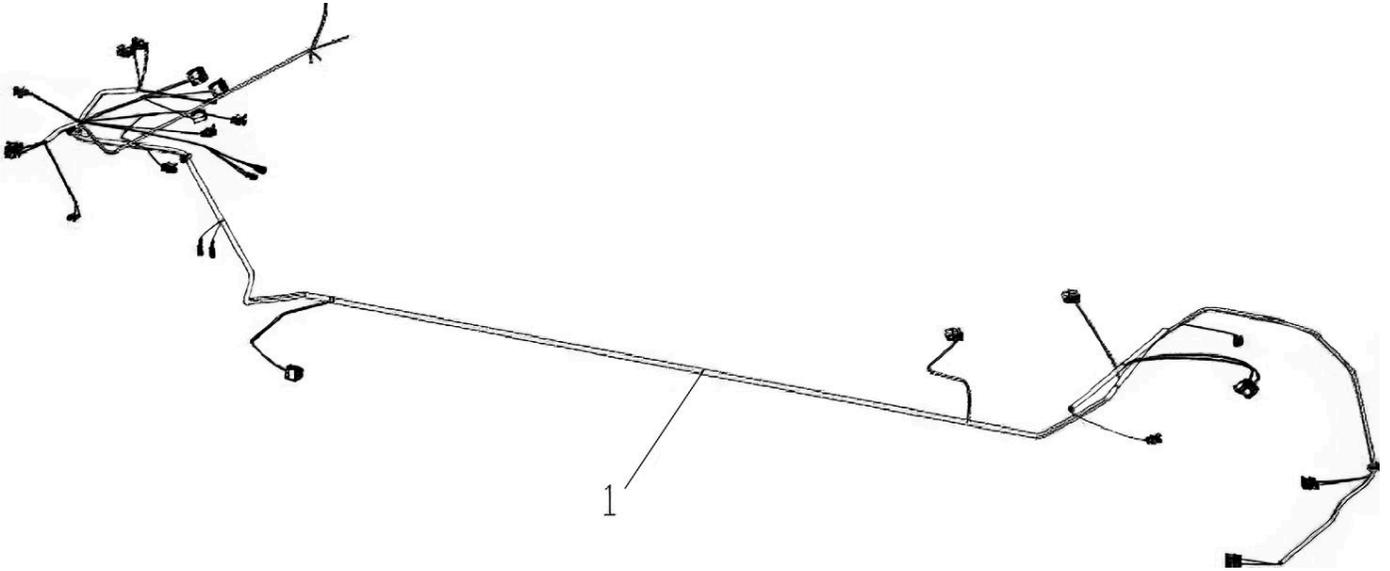
## ELECTRONIC CONTROL



No.	Part Number	Description	Pieces
1	F0302012106	Controller 48V450A (Lifted)	1
	F0302012110	Controller 48V450A	
2	F0304002228.1	Power Wire Assembly	3
3	F0309002208	Button Switch With Wiring Harness	1
4	F0102077506	Battery Frame	1
5	F0304009003	Reverse Alarm	1
6	F0302002072	Motor	1
7	F0304004045	DC Converter	1
8	F0304002228.2	Battery Cables	2
9	N/A	Battery Assembly	1
10	F0304002228.3	Power Cable	2
11	N/A	Charger	1



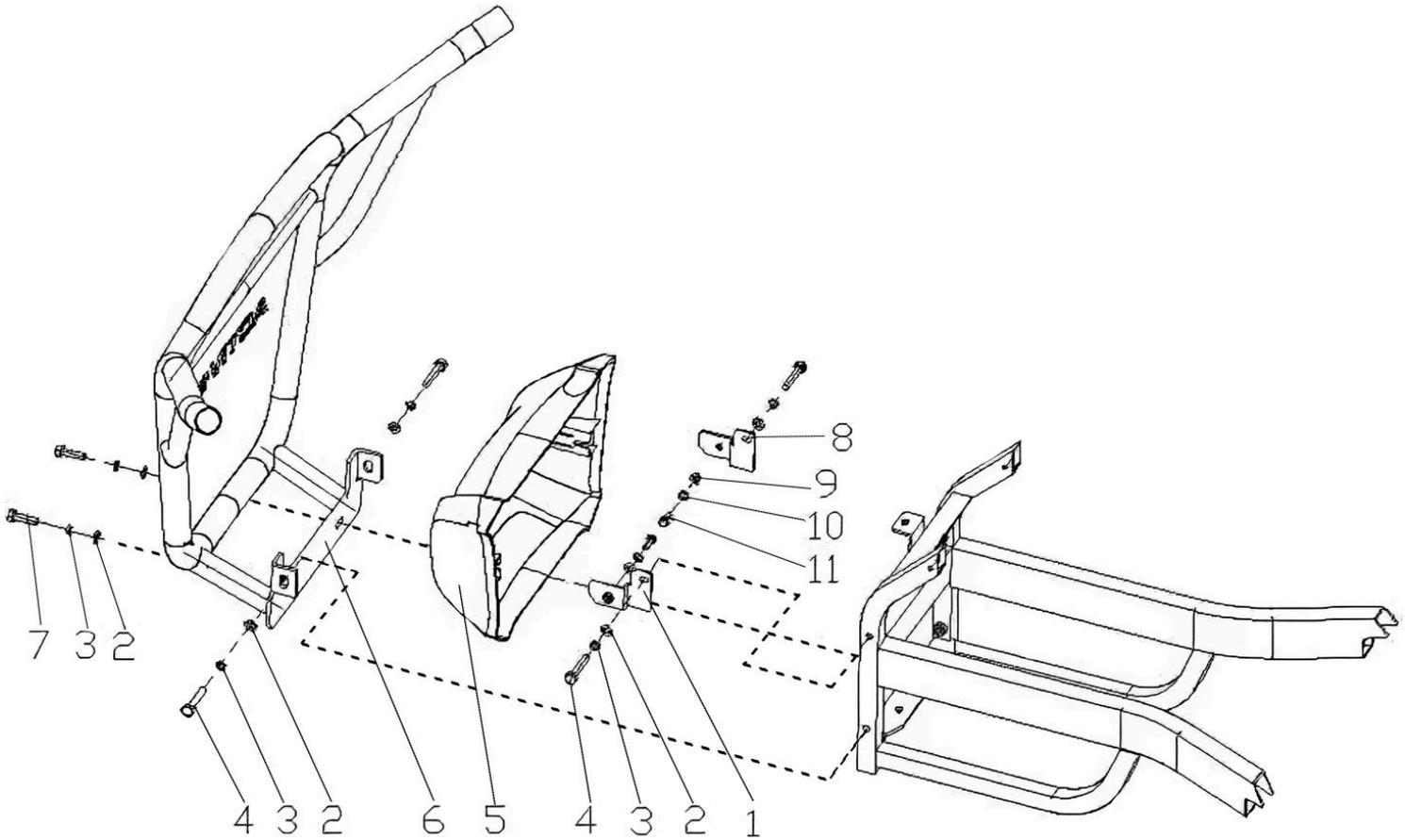
# WIRING



No.	Part Number	Description	Pieces
1	F0304001501	4PR Lithium Wire Harness	1



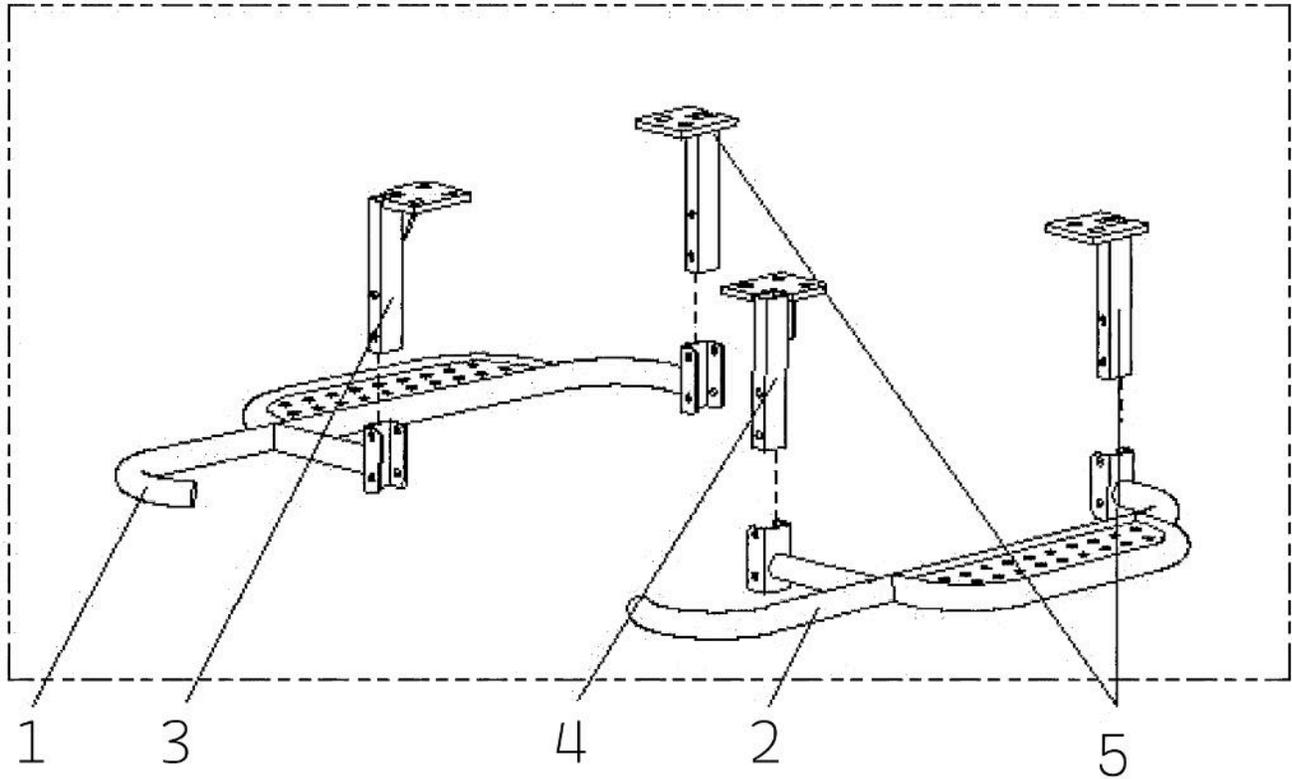
## FRONT BUMPER & BRUSH GUARD



No.	Part Number	Description	Pieces
1	F0102077501.1	Front Bumper Mounting Bracket- Left	1
2	Y0301020009	Large Flat Washer M6	6
3	Y0301021005	Spring Washer M8	6
4	F2101018004	Hexagon Bolt M8x45	4
5	F0102077004	Front Bumper	1
6	F0102081527	Brush Guard	1
	F0102077502	Lifted Brush Guard	
7	Y0301010022	Hexagon Bolt M8x30	2
8	F0102077501.2	Front Bumper Mounting Bracket- Right	1
9	Y0301020009	Large Flat Washer M6	2
10	Y0301021005	Spring Washer M8	2
11	Q2140620	Hexagon Bolt M6x20	2



## SIDE STEPS LIFTED



No.	Part Number	Description	Pieces
0	F0102077504	Side Step 4PR Set	1
1	F0102077504.1	Side Step 4 Passenger (Left)	1
2	F0102077504.2	Side Step 4 Passenger (Right)	1
3	F0102077504.4	Side Step Rear Connection Bracket 4P (Left)	1
4	F0102077504.5	Side Step Rear Connection Bracket 4P (Right)	1
5	F0102077504.3	Side Step Front Connection Bracket 4P	2

