

Vanish (10) IPL w No Pricing

Illustrated Parts List is updated on a quarterly basis

Revision Date: 07/01/11

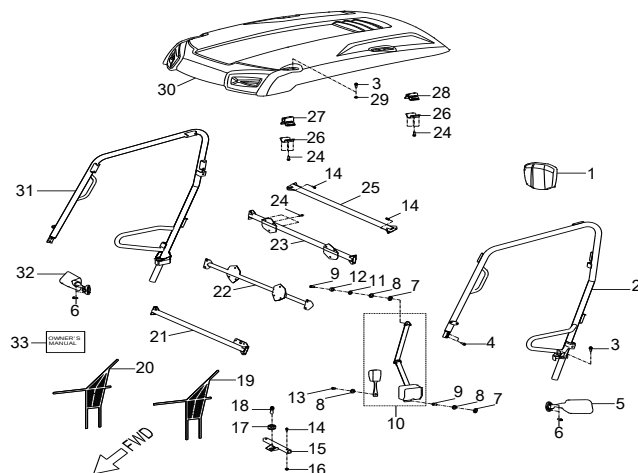


Vanish TM

ILLUSTRATED PARTS LIST
Electric Utility Vehicle
(E-UTV)

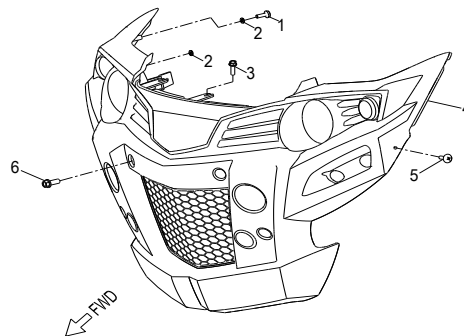
DRAWING INDEX

D-1:SEAT/CAGE



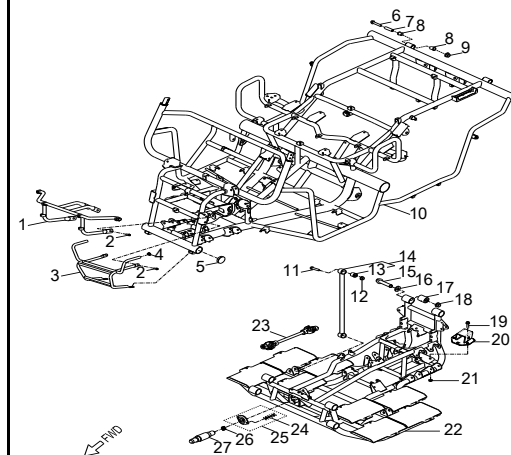
6

D-2:BUMPER



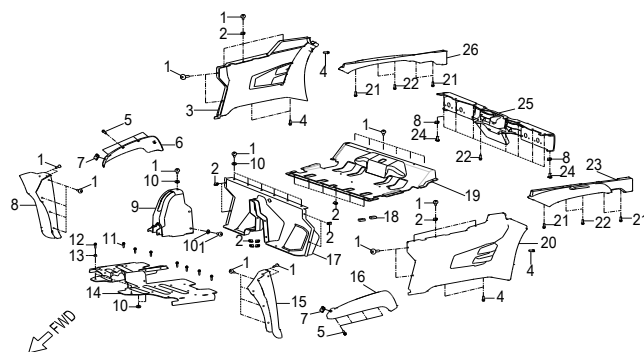
7

D-3:FRAME BODY



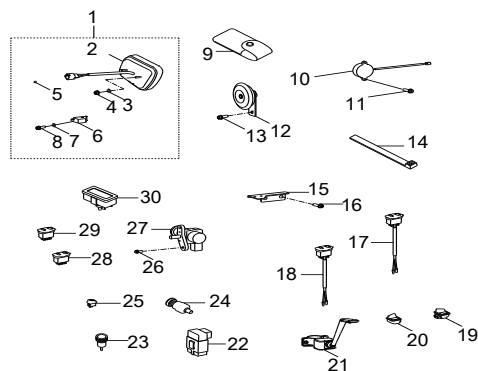
8

D-4:MOLDINGS



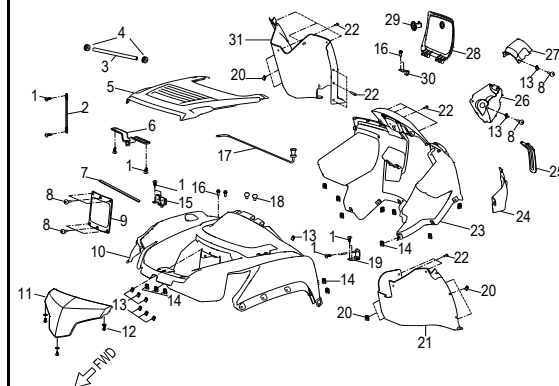
9

D-5:ELECTRICAL PARTS



10

D-6:CAB



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This exploded view diagram illustrates the assembly of a bicycle rear wheel. The components are numbered as follows:

- 1**: Rear wheel rim
- 2**: Rear wheel hub
- 3**: Rear wheel spokes
- 4**: Rear wheel spokes
- 5**: Rear wheel spokes
- 6**: Rear wheel spokes
- 7**: Rear wheel spokes
- 8**: Rear wheel spokes
- 9**: Rear wheel spokes
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- 23**: Rear wheel spokes
- 24**: Rear wheel spokes
- 25**: Rear wheel spokes
- 26**: Rear wheel spokes
- 27**: Rear wheel spokes
- 28**: Rear wheel spokes
- 29**: Rear wheel spokes
- 30**: Rear wheel spokes
- 31**: Rear wheel spokes
- 32**: Rear wheel spokes
- 33**: Rear wheel spokes
- 34**: Rear wheel spokes
- 35**: Rear wheel spokes

Assembly arrows indicate the following sequence:

- Install the rear wheel hub (2) onto the rear wheel rim (1).
- Install the rear wheel spokes (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35) onto the rear wheel rim (1) and the rear wheel hub (2).
- Install the rear wheel spokes (3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35) onto the rear wheel rim (1) and the rear wheel hub (2).

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The top drawing is a front three-quarter view of the Polaris Ranger 500. It features a roll-over protection structure (ROPS) with two seats. The front has a large grille, headlights, and a bumper. The rear has a cargo bed. Numbered callouts point to the following parts: 1. Front left headlight, 2. ROPS front crossbar, 3. ROPS rear crossbar, 4. Rear cargo bed, 5. Rear fender, 6. Rear wheel, 7. Front wheel.

The bottom drawing is a rear three-quarter view of the same vehicle. It shows the cargo bed, the rear wheel, and the side of the ROPS. Numbered callouts point to the following parts: 8. ROPS side rail, 9. ROPS front crossbar, 10. Front grille, 11. Front right headlight, 12. ROPS rear crossbar.

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[illegible]

15

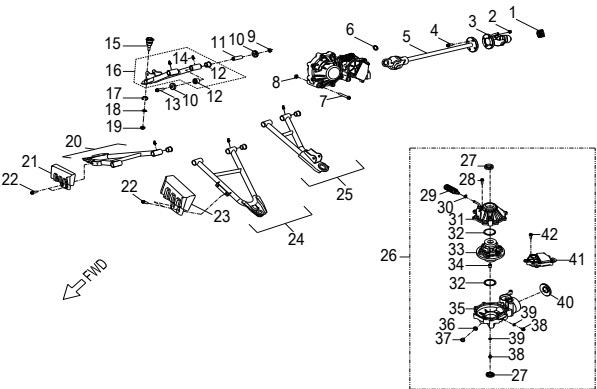
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17

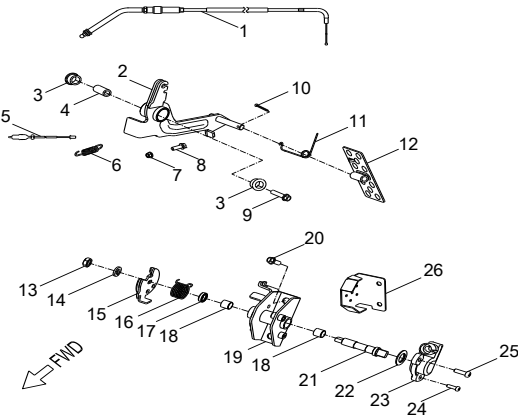
DRAWING INDEX

D-13:A-ARM



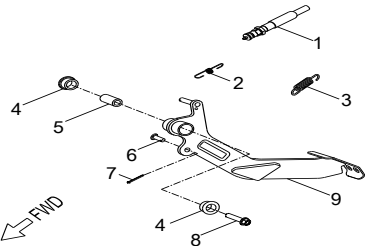
18

D-14:THROTTLE



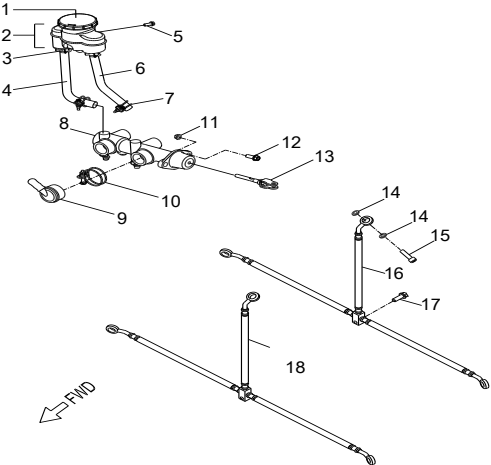
20

D-15:FOOT BRAKE



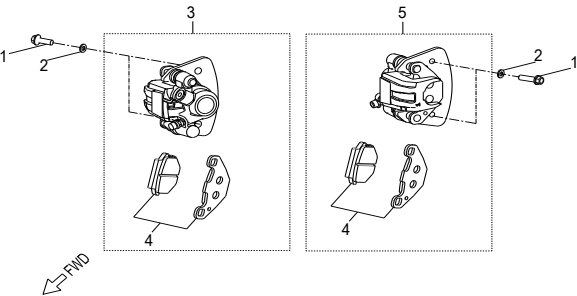
21

D-16:BRAKE LINES/MASTER CYLINDER



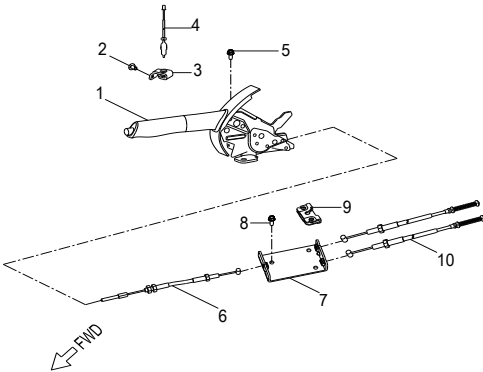
22

D-17:FRONT BRAKE CALIPER



23

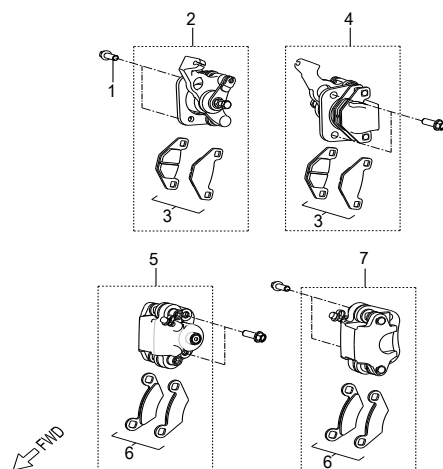
D-18:PAK BRAKE LOCK



24

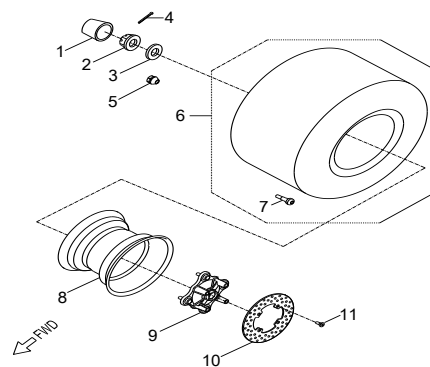
DRAWING INDEX

D-19:REAR BRAKE CALIPER



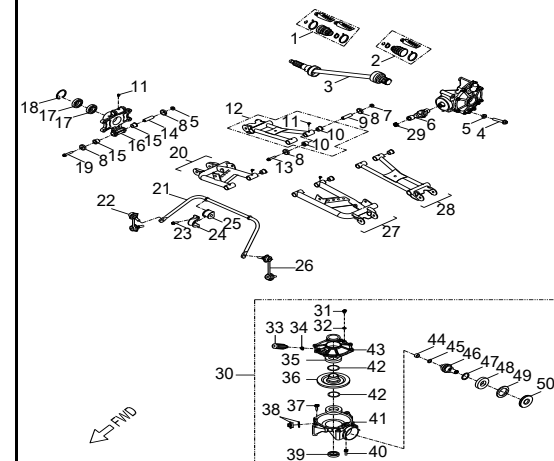
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D-20:REAR WHEEL



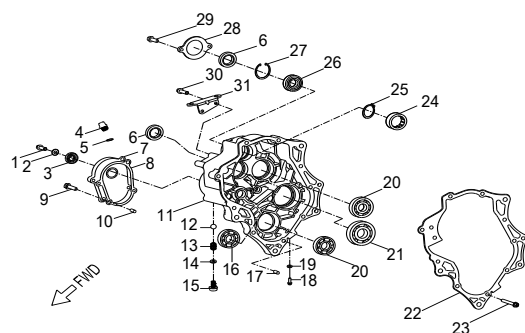
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D-21:SWING ARM



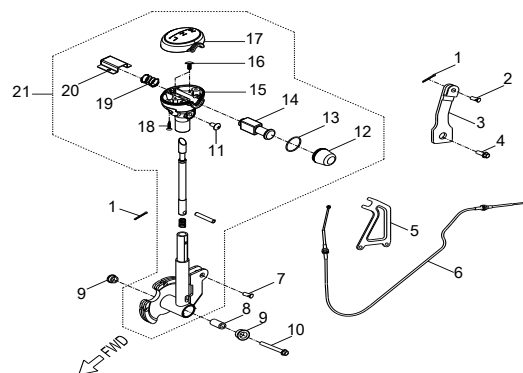
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D-22:DRIVE ASSEMBLY,ERAR



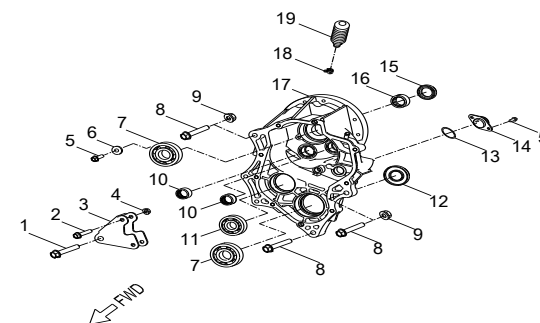
29

D-23:GEAR SELECTOR



30

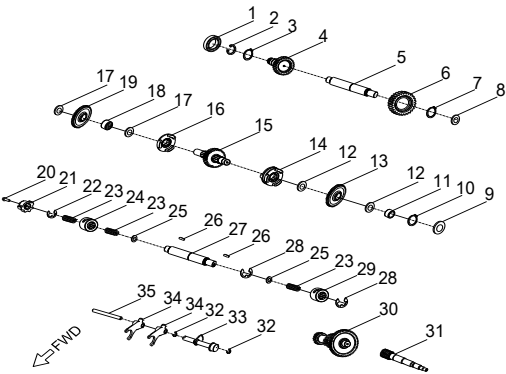
D-24:TRANSMISSION



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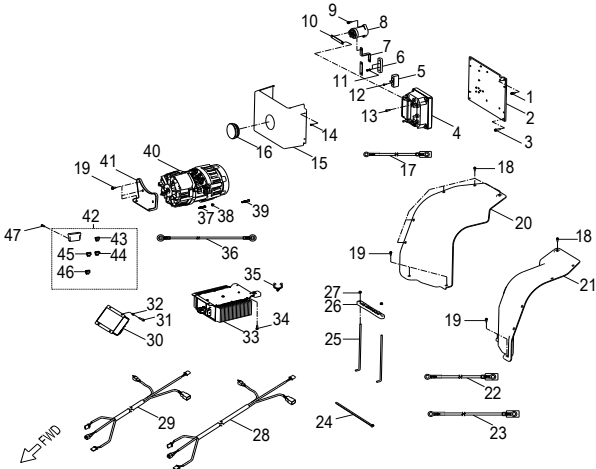
DRAWING INDEX

D-25:TRANSMISSION



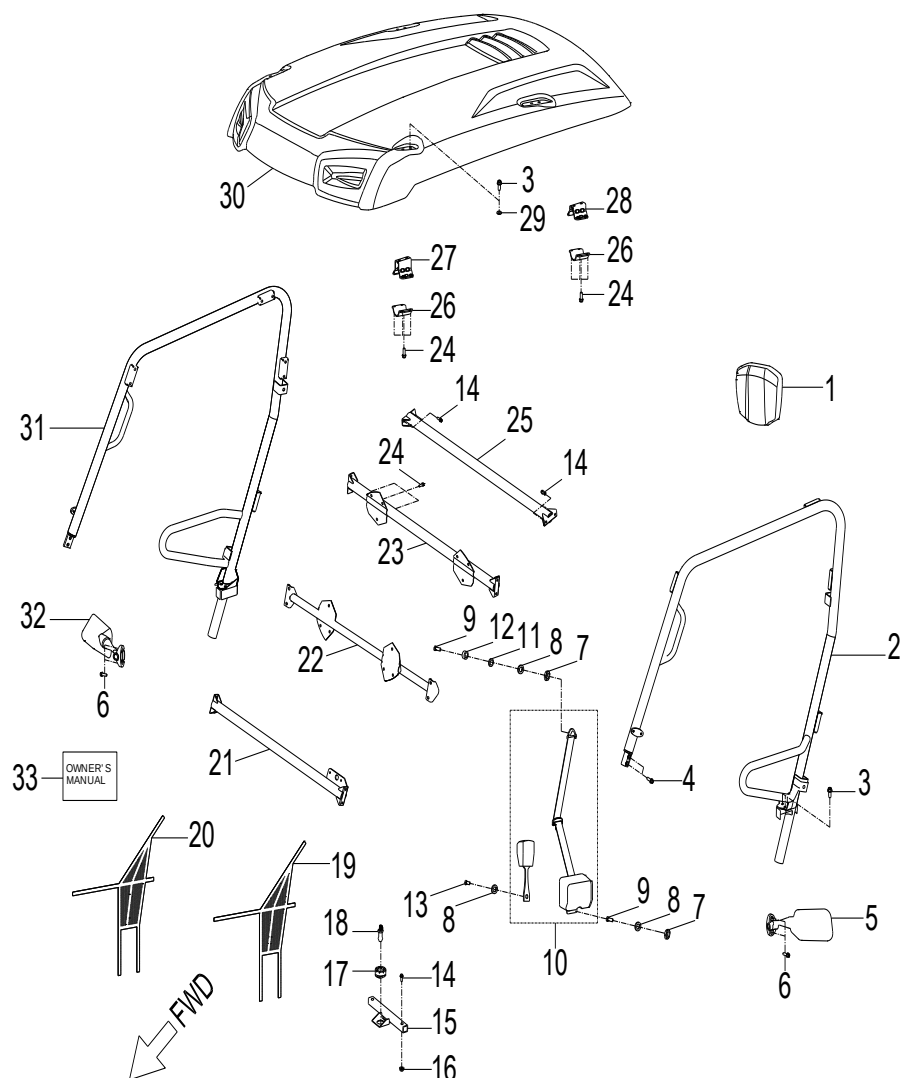
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D-26:ELECTRIC MOTOR



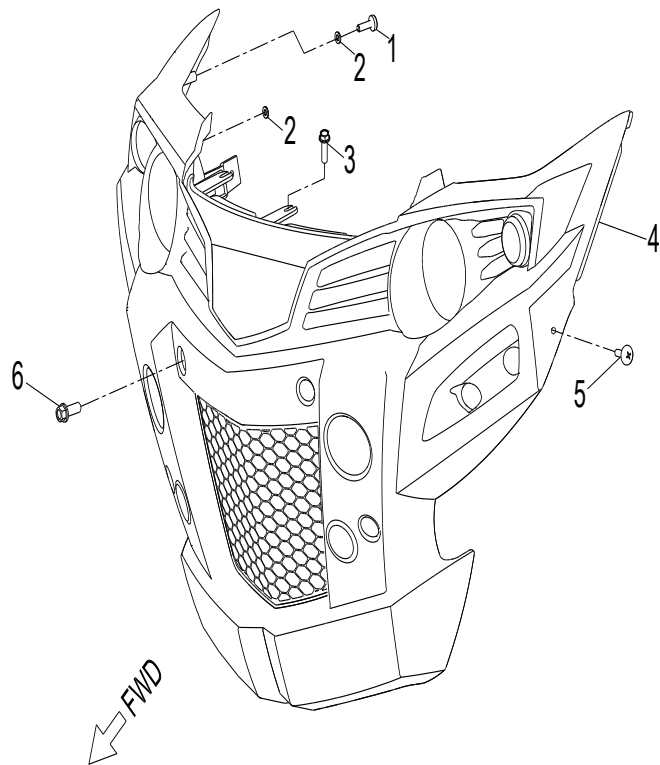
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D-1:SEAT/CAGE

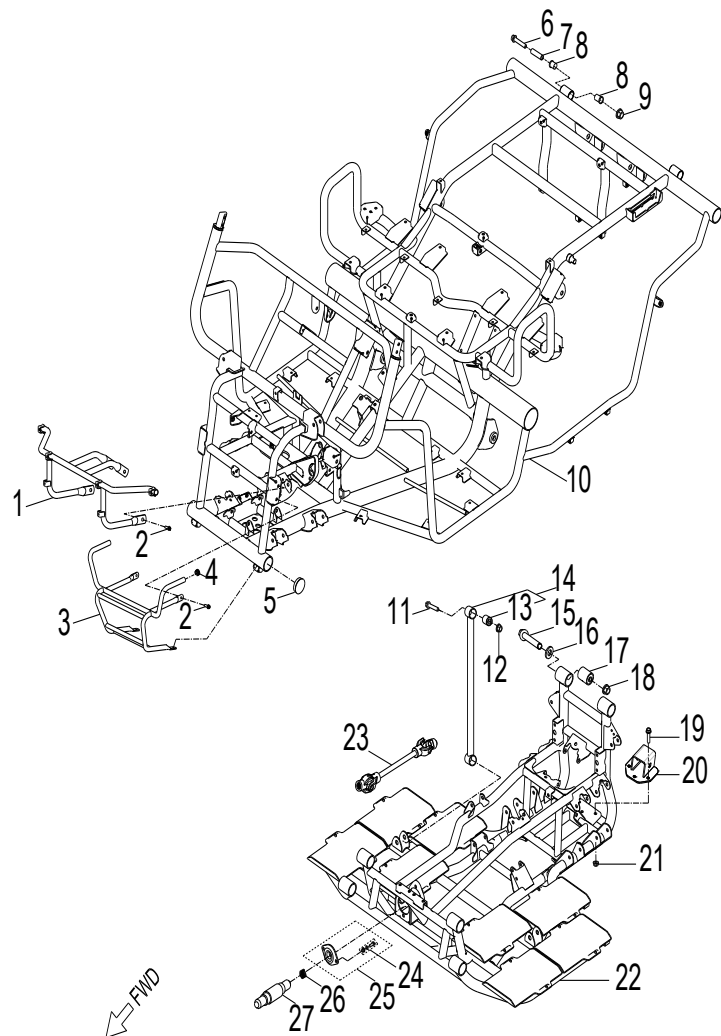


ITEM	DESCRIPTION	P/N	QTY
1	Headrest, Standard	4001000	2
	Headrest, Red	4001001	
2	Frame, Cage, LH	4001002	1
3	Bolt, M8*P1.25*16L	4001003	14
4	Bolt, M8*P1.25*25L	4001004	4
5	Mirror, Lahr	4001005	1
6	Bolt	4001006	4
7	Nut	4001007	4
8	Washer, Spring	4001008	6
9	Bolt	4001009	4
10	Asm, Seat Belt	4001010	2
11	Rubber, Seat	4001011	2
12	Collar, Seat Belt	4001012	4
13	Bolt	4001013	2
14	Bolt, M8*P1.25*18L	4001014	24
15	Bracket, Seat	4001015	4
16	Nut	4001016	8
17	Rubber, Seat	4001017	4
18	Seat Fix Shaft	4001018	4
19	Net-Cab, Side, Upper, LH	4001019	1
20	Net-Cab, Side, Upper, RH	4001020	1
21	Frame, Cage, Front	4001021	1
22	Bracket, Seat Back	4001022	1
23	Frame, Cage, Rear	4001023	1
24	Bolt, M6*P1.0*16L w/ Washer	4001024	28
25	Frame, Cage, Rear	4001025	1
26	Clamp, lower, sun top	4001026	4
27	Clamp, upper, sun top	4001027	2
28	Clamp, upper, sun top	4001028	2
29	Washer	4001029	8
30	Sun Top	4001030	1
31	Frame, Cage, RH	4001031	1
32	Mirror, Rah	4001032	1
33	Manual, Owner's	4001033	1

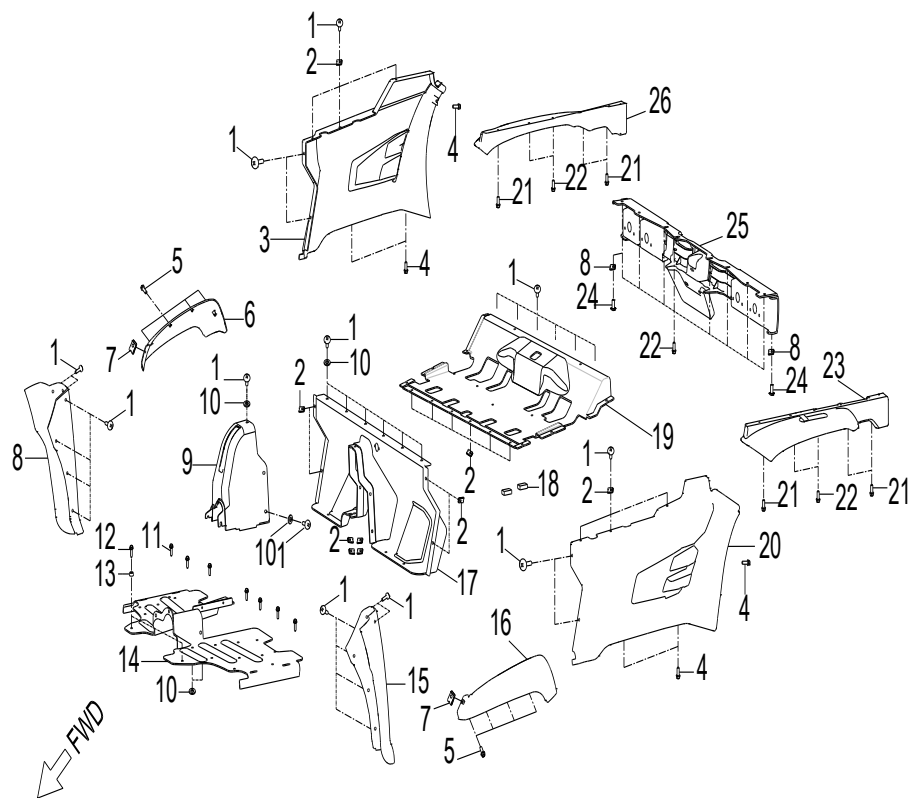
D-2:BUMPER

[illegible]

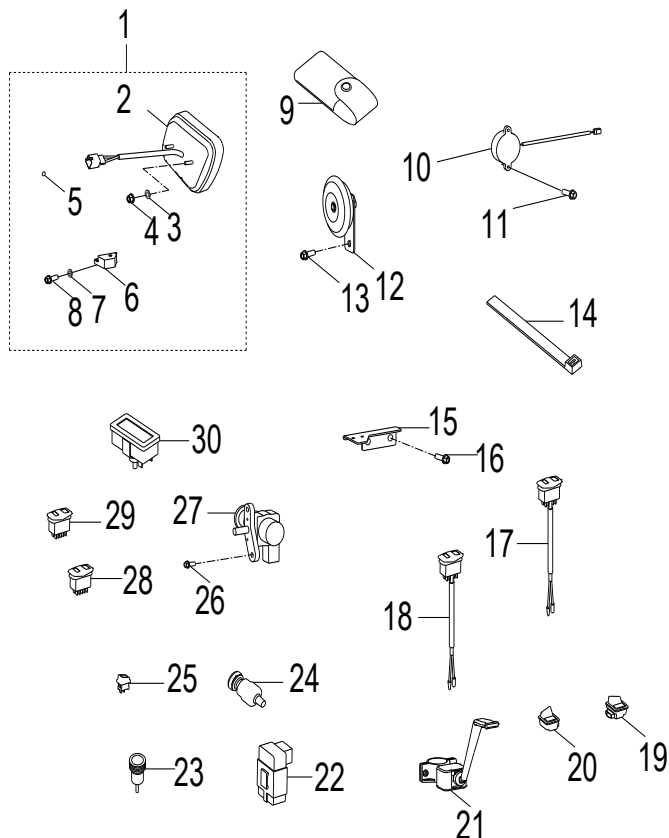
D-3:FRAME BODY

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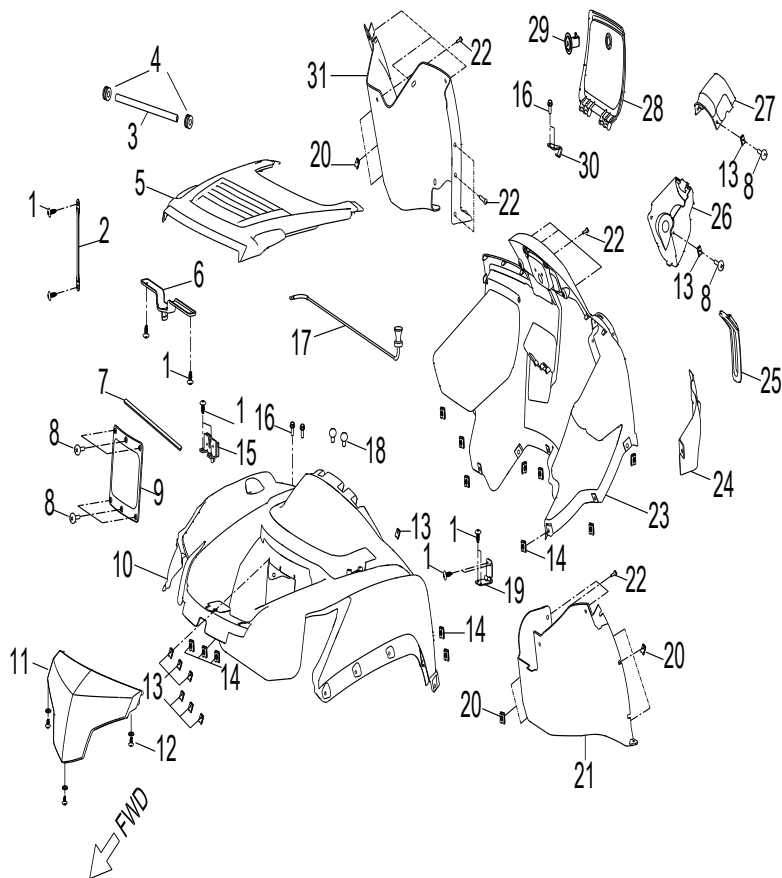
D-4:MOLDINGS

[illegible]

D-5:ELECTRICAL PARTS

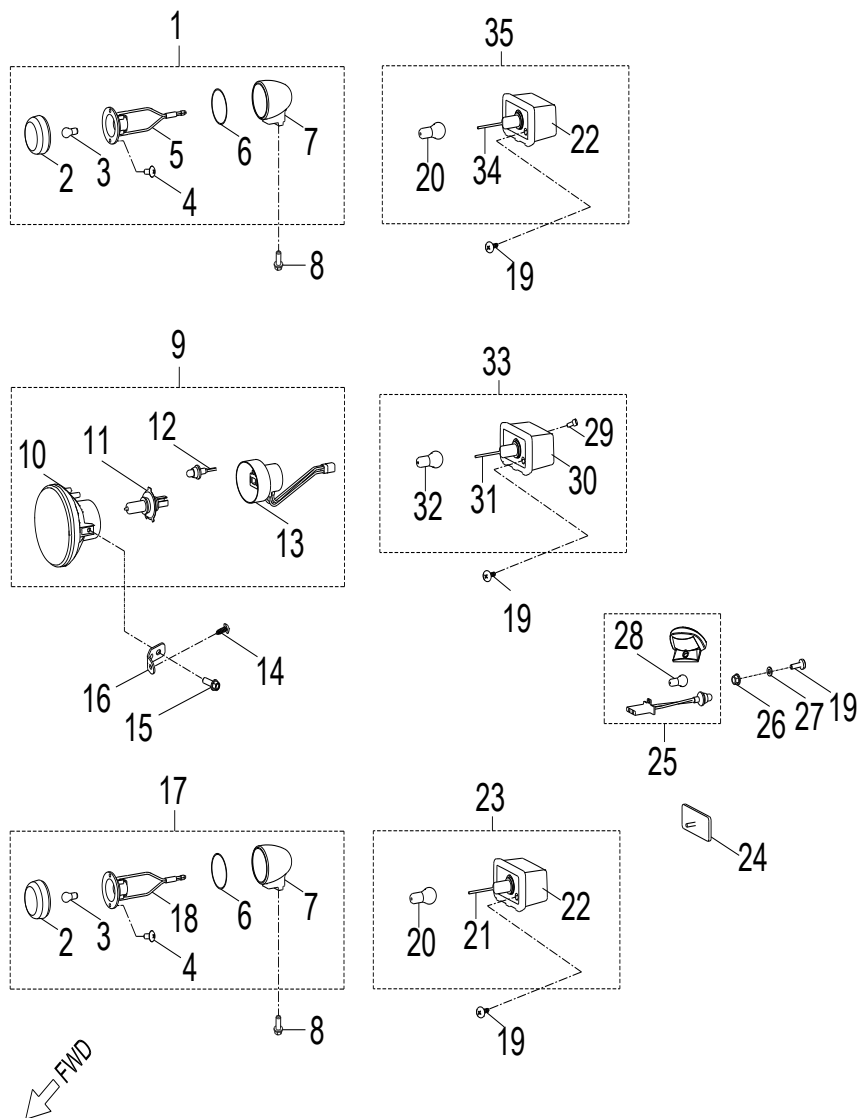
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D-6:CAB



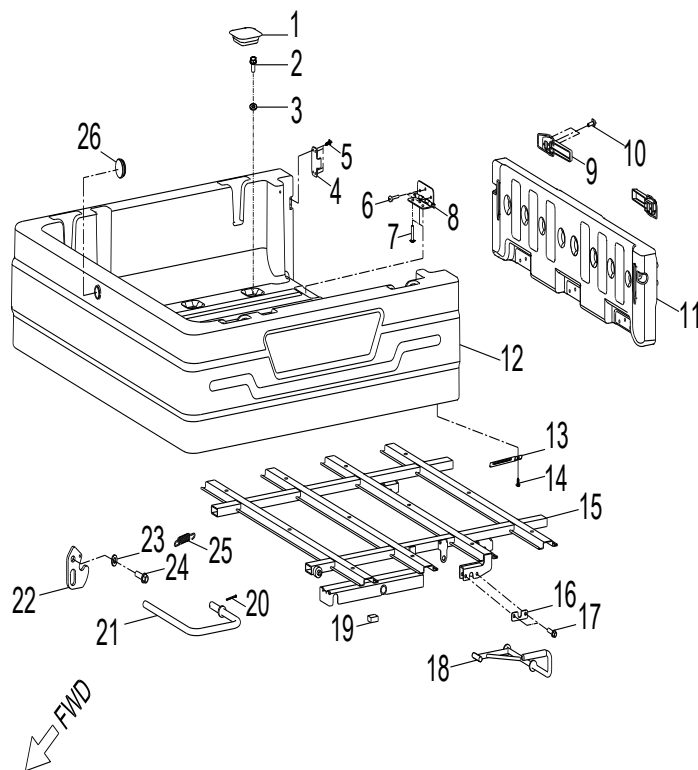
ITEM	DESCRIPTION	P/N	QTY
1	Screw, M5*12L	4001119	16
2	String, hood	4001120	2
3	Supporter, Hood	4001121	1
4	Foam	4001122	2
5	Hood, Camo	4001123	1
	Hood, Red	4001124	
	Hood, Green	4001125	
6	Latch, Hood	4001126	1
7	Gasket	4001127	2
8	Bolt, M5*P0.8*16L	4001038	13
9	Cap, Water	4001128	1
10	Cab, Front, Camo	4001129	1
	Cab, Front, Red	4001130	
	Cab, Front, Green	4001131	
11	Radiator Cover	4001132	1
12	Screw, Tapping w/ Washer	4001133	3
13	Nut-U, M5, M5*P0.8	4001072	13
14	U-Nut, M6*P1.0	4001134	20
15	Lock striker, also use in hood	4001135	1
16	Bolt, M6*P1.0*18L w/ Washer	4001136	4
17	String, Dumping Box	4001137	1
18	Plug, Rubber, Hood	4001138	2
19	Hinge, Dumping Box	4001139	2
20	Nut-U, M6, M6*P1.0	4001068	18
21	Fender, Bottom, LH	4001140	1
22	Bolt, M6*P1.0*16L	4001067	17
23	Speedometer Cover	4001141	1
24	Mudguard, Pedal	4001142	1
25	Rubber, shift lever	4001143	1
26	Cover, Steering wheel, Bottom	4001144	1
27	Cover, Steering wheel, Upper	4001145	1
28	Cover, compartment	4001146	1
29	Lock,, compartment	4001147	1
30	Bracket, lock, hood	4001148	1
31	Fender, Bottom, RH	4001149	1

D-7:LIGHTS

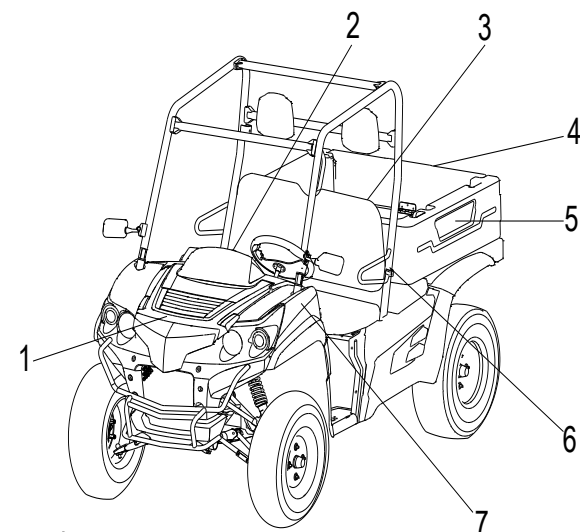


ITEM	DESCRIPTION	P/N	QTY
1	Asm., Signal, Front, RH	4001150	1
2	Lens, Signal	4001151	2
3	Bulb, Signal	4001152	2
4	Screw, M3X14L	4001153	4
5	Socket, Signal, RH	4001154	1
6	O-Ring	4001155	2
7	Socket Signal	4001156	2
8	Bolt	4001157	2
9	Asm., Headlight	4001158	2
10	Lens, Headlight	4001159	2
11	Bulb, Headlight	4001160	2
12	Bulb, Parking	4001161	2
13	Socket, Headlight	4001162	2
14	Screw, M5*12L	4001119	4
15	Bolt, M5*P0.8*12L	4001163	4
16	Bracket, Headlight	4001164	4
17	Asm., Signal, Front, LH	4001165	1
18	Socket, Signal, LH	4001166	1
19	Bolt, M5*P0.8*16L	4001038	9
20	Bulb, Signal, 21W	4001167	2
21	Socket, Rear Signal, LH	4001168	1
22	Lens, Signal, Rear	4001169	2
23	Asm., Signal, Rear, LH	4001170	1
24	Reflector	4001171	2
25	Asm., License Light	4001172	1
26	Nut, M5*P0.8	4001173	1
27	Washer, $\phi 5.1 \times \phi 14 \times t1$	4001035	1
28	Bulb, License Light	4001174	1
29	Bolt, M3*P0.6*8L	4001175	4
30	Lens, Taillight	4001176	2
31	Socket, Taillight	4001177	2
32	Bulb, Taillight	4001178	2
33	Asm., Taillight	4001179	2
34	Socket, Rear Signal, RH	4001180	1
35	Asm., Signal, Rear, RH	4001181	1

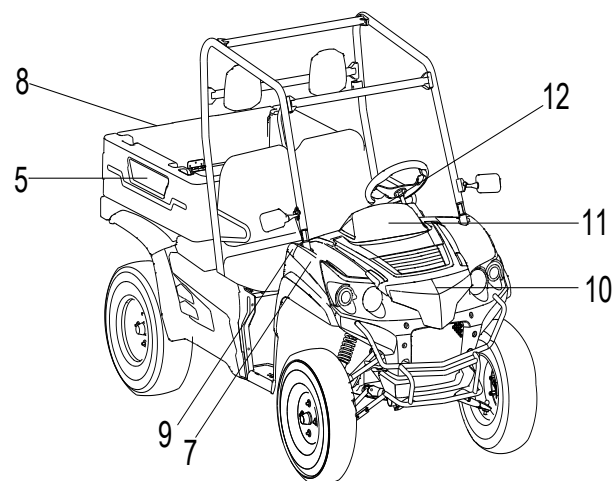
D-8:DUMP BOX

[illegible]

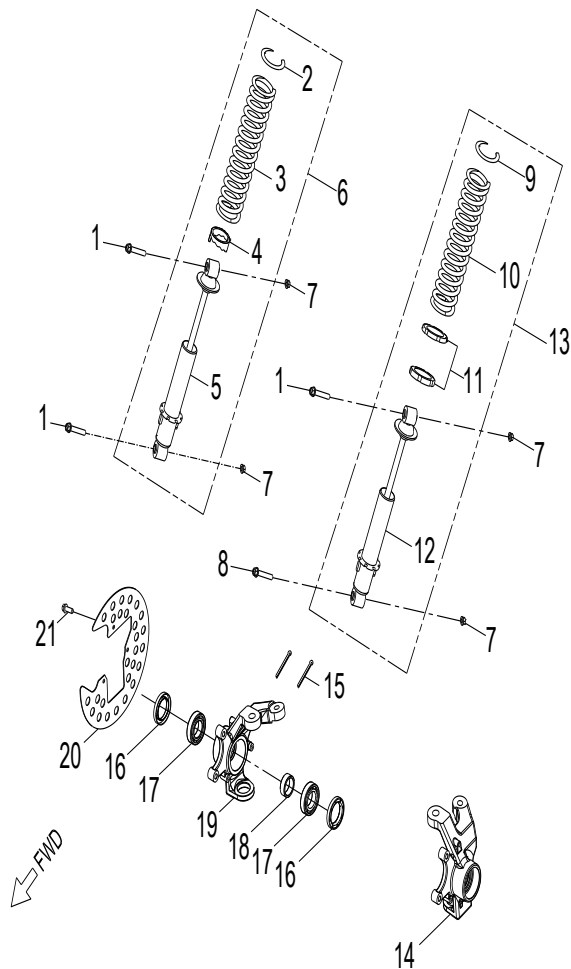
D-9:DECALS



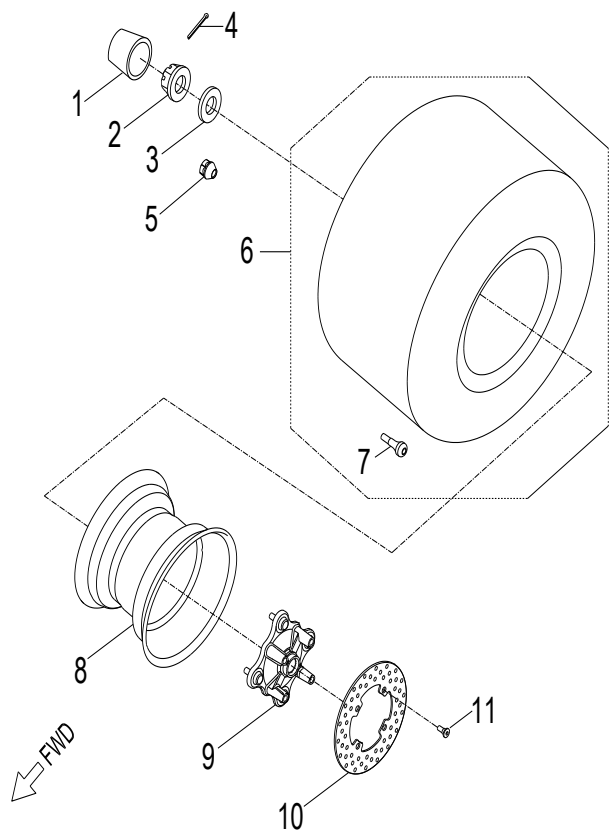
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[illegible]

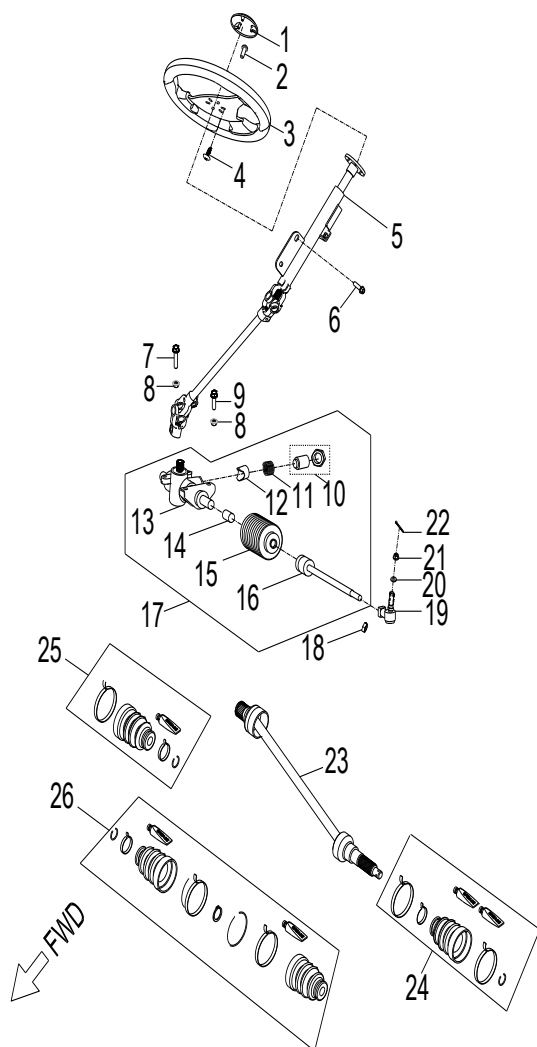
D-10:SUSPENSION

[illegible]

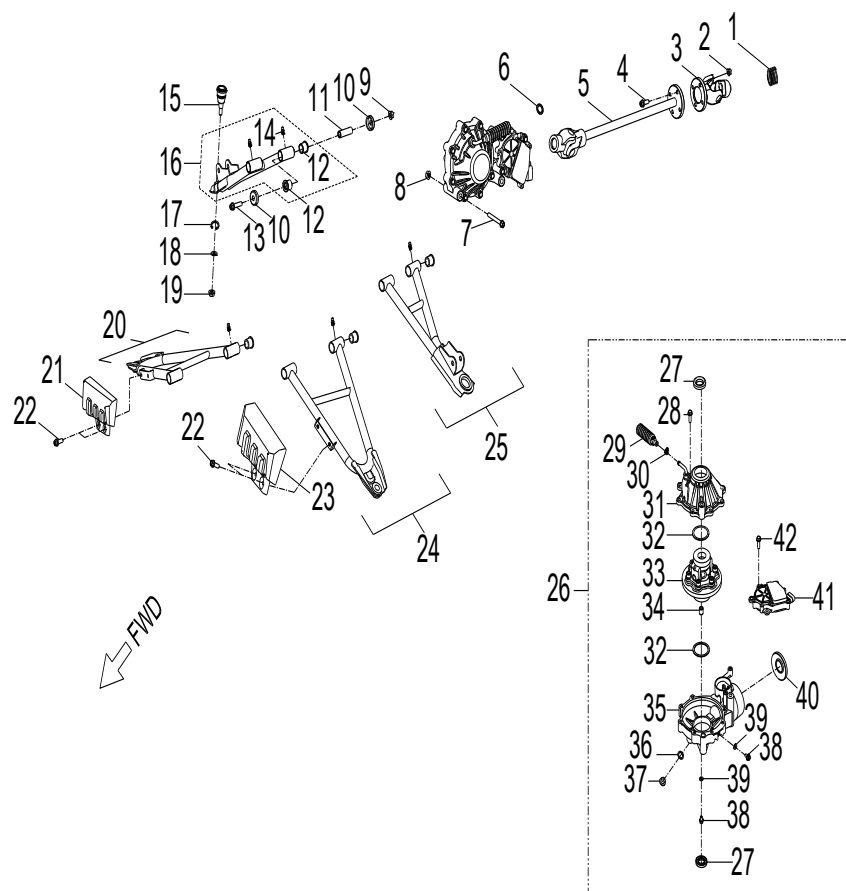
D-11:FRONT WHEEL

[illegible]

D-12:STEERING

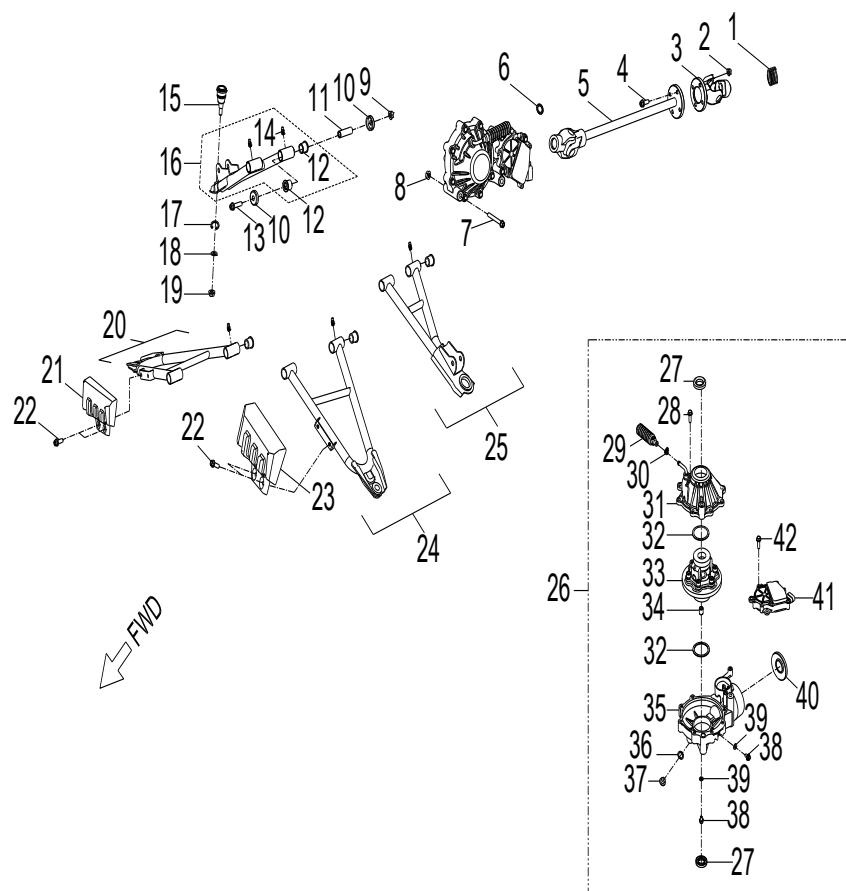
[illegible]

D-13:A-ARM

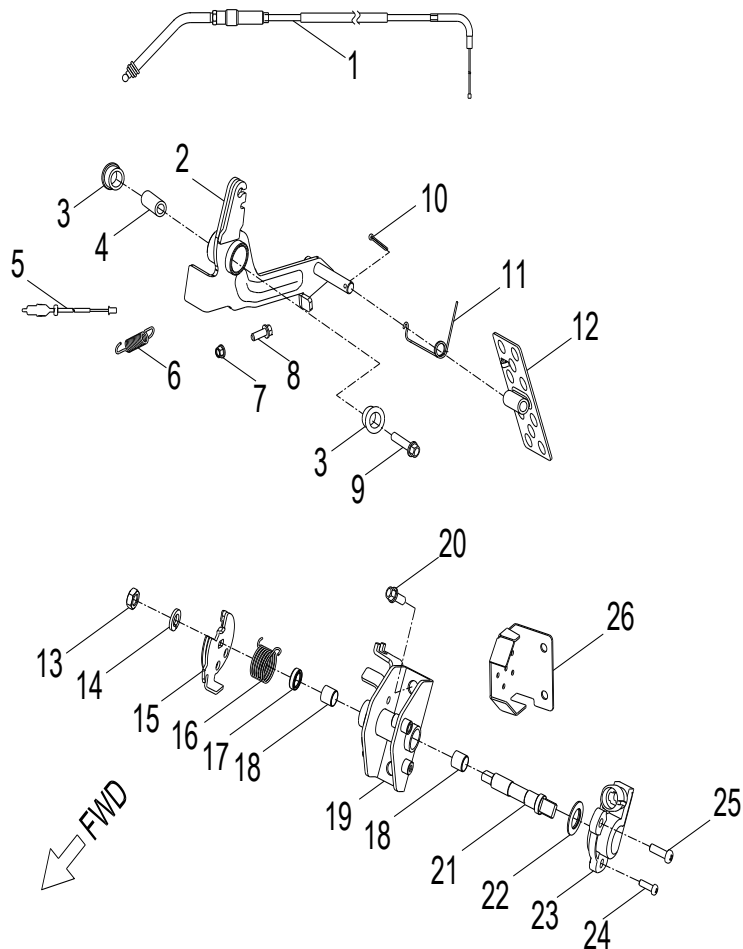


ITEM	DESCRIPTION	P/N	QTY
1	Spring, Prop Shaft	4001065	1
2	Nut	4001279	4
3	Joint, Universal	4001280	1
4	Bolt	4001281	4
5	Prop Shaft, Front	4001282	1
6	Washer	4001283	1
7	Bolt	4001284	2
8	Nut	4001285	2
9	Nut, M10*P1.25	4001060	8
10	Cap, dustproof	4001286	16
11	Spacer	4001287	8
12	Bushing	4001288	16
13	Bolt	4001289	8
14	Valve, Grease	4001290	8
15	Joint, Ball	4001291	4
16	Front Arm, Upper, RH	4001292	1
17	Clip, Cir	4001293	4
18	Washer, $\phi 12.1 \times \phi 25 \times t2$	4001273	4
19	Shaft, Prob	4001294	4
20	Front Arm, Lower, RH	4001295	1
21	Shield, CV Joint, RH	4001296	1
22	Bolt, M6*P1.0*16L w/ Washer	4001024	4
23	Shield, CV Joint, LH	4001297	1
24	Front Arm, Lower, LH	4001298	1
25	Front Arm, Upper, LH	4001299	1
26	Asm., Gear Case, Differential	4001300	1
27	Seal, Oil	4001301	2
28	Bolt	4001302	8
29	Bellows	4001303	1
30	Clamp	4001304	1
31	Cover, Differential	4001305	1
32	Shim, Set	4001306	1
33	Asm., Gear, Differential	4001307	1
34	Pin, Dowel	4001308	1
35	Asm., Housing, Differential	4001309	1
36	Washer	4001310	1
37	Bolt, Filler	4001311	1
38	Bolt	4001312	2
39	Washer	4001313	2
40	Seal, Oil	4001314	1

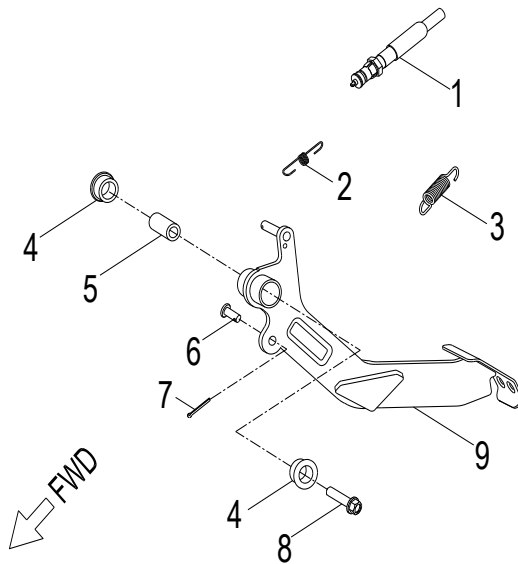
D-13:A-ARM

[illegible]

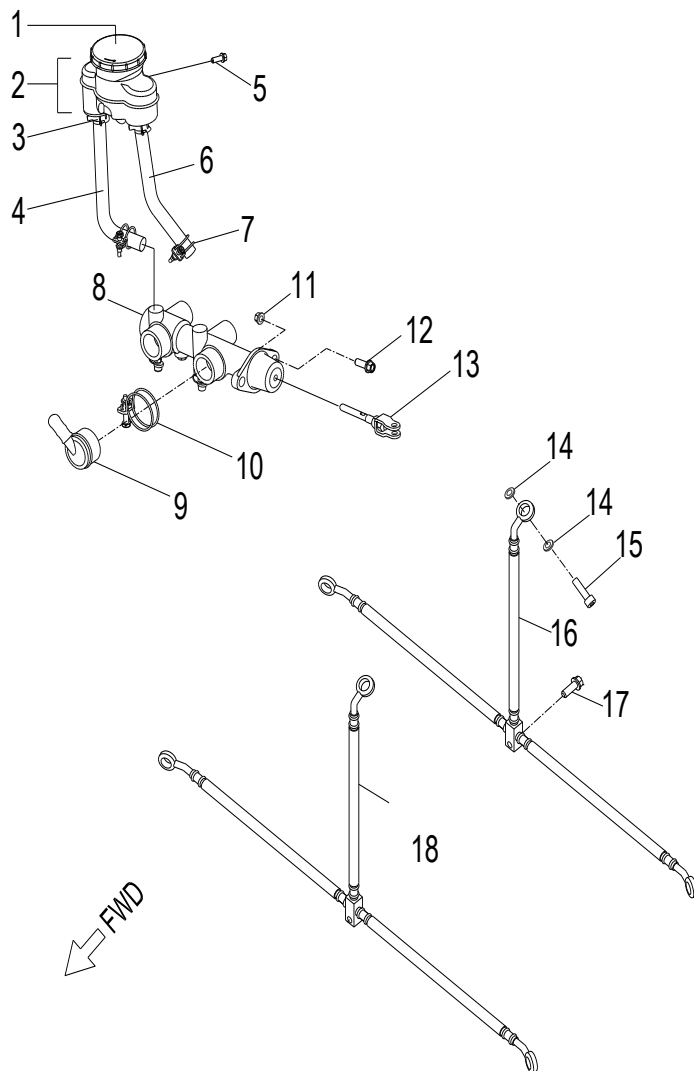
D-14:THROTTLE

[illegible]

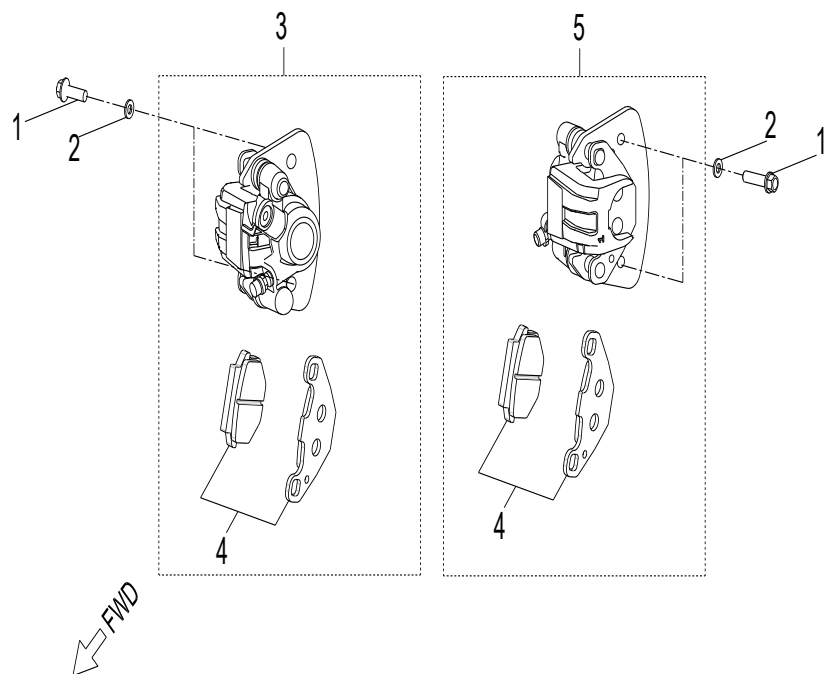
D-15: FOOT BRAKE

[illegible]

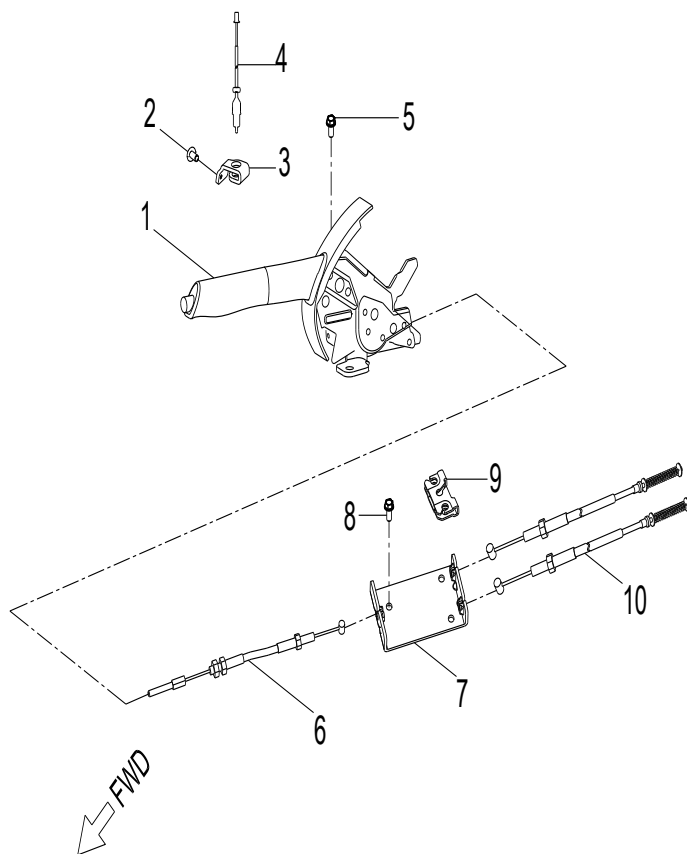
D-16:BRAKE LINES/MASTER CYLINDER

[illegible]

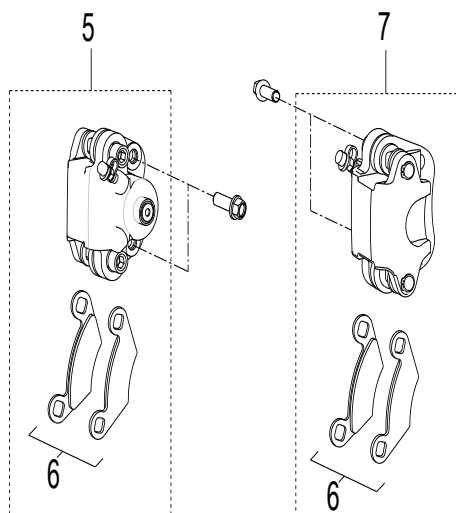
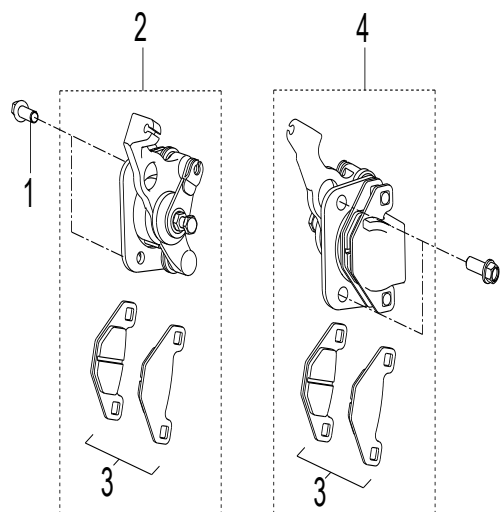
D-17:FRONT BRAKE CALIPER

[illegible]

D-18: PARK BRAKE LOCK

[illegible]

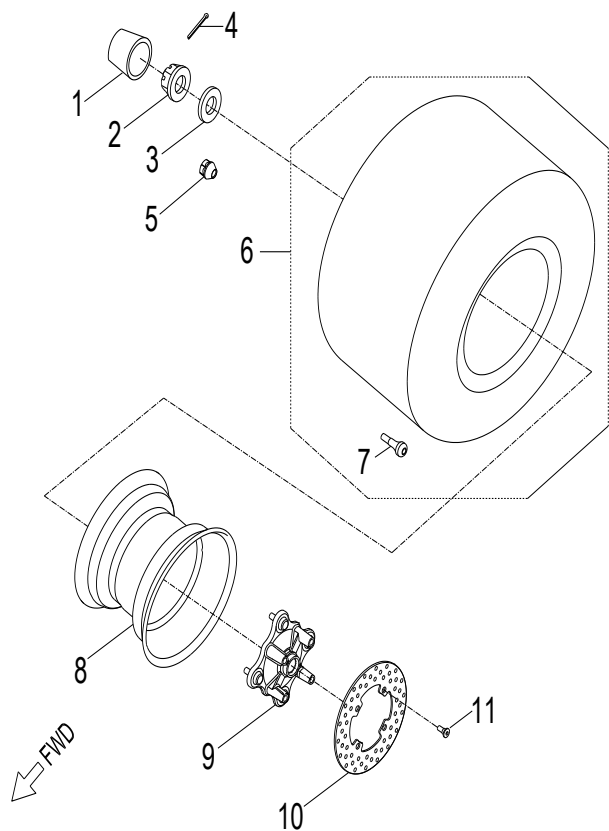
D-19:REAR BRAKE CALIPER



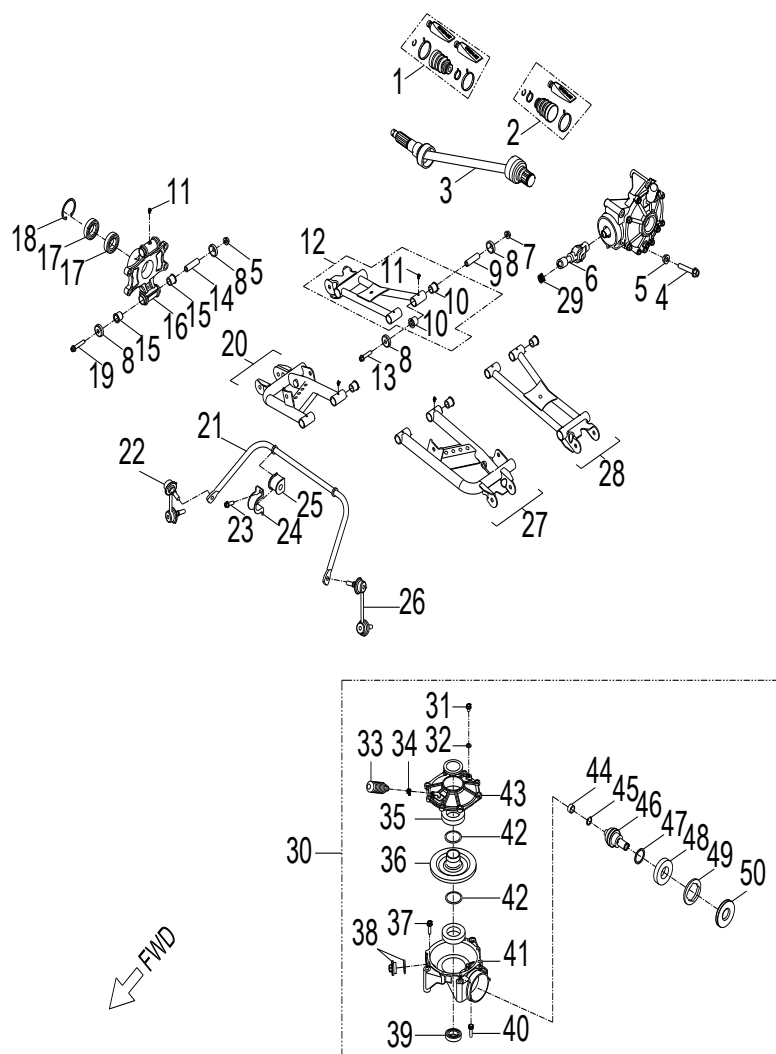
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[illegible]

D-20:REAR WHEEL

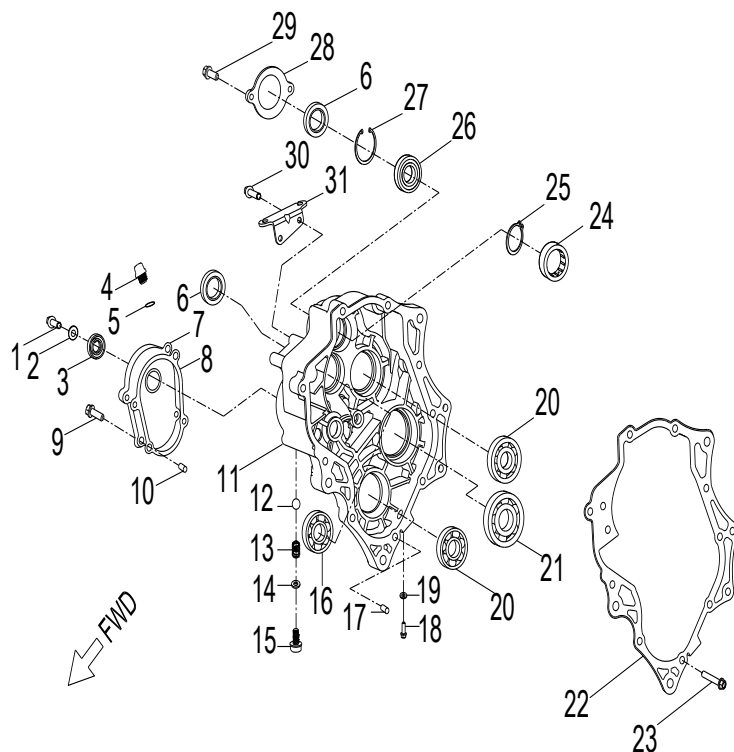
[illegible]

D-21:SWING ARM

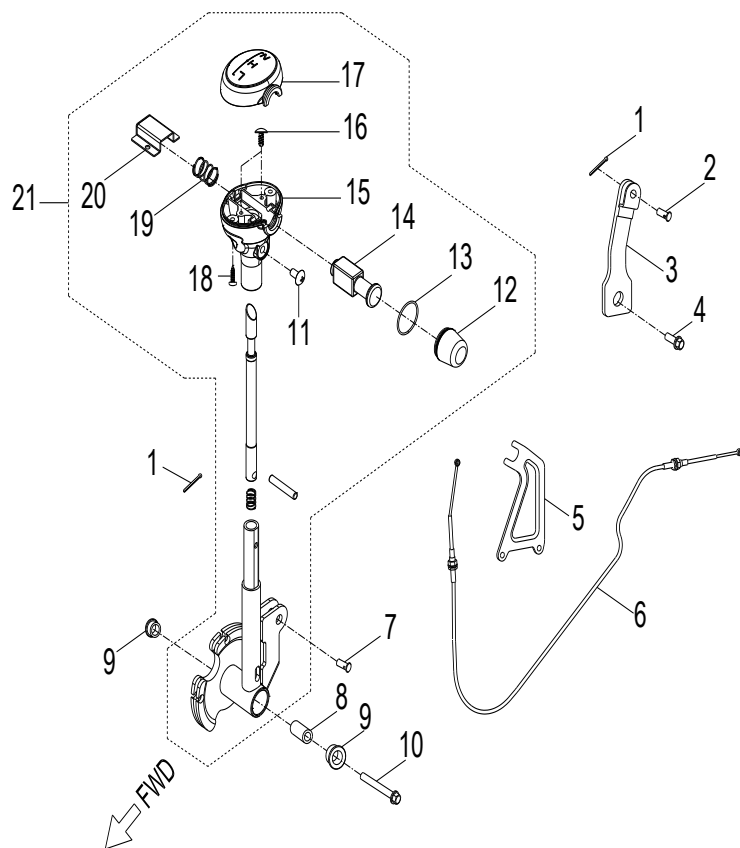


ITEM	DESCRIPTION	P/N	QTY
1	Kit, Boot, Outer	4001387	1
2	Kit, Boot, Inner	4001388	1
3	Driving Shaft, Rear	4001389	2
4	Bolt	4001390	3
5	Nut	4001285	7
6	Prop Shaft, Rear	4001391	1
7	Nut, M10*P1.25	4001060	8
8	Cap, dustproof	4001286	24
9	Spacer	4001287	8
10	Bushing	4001288	16
11	Valve, Grease	4001290	12
12	Rear Arm, Upper, RH	4001392	1
13	Bolt	4001289	8
14	Tube, Spacer	4001393	4
15	Seat, Grease Contain	4001394	8
16	Asm, Knuckle, Rear	4001395	2
17	Bearing, Ball	4001239	4
18	Clip, Cir	4001396	2
19	Bolt	4001397	4
20	Rear Arm, Lower, RH	4001398	1
21	Sway Bar	4001399	1
22	Linkage, Sway Bar, RH	4001400	1
23	Bolt, M8*P1.25*16L	4001003	4
24	Clamp, Sway Bar	4001401	2
25	Bushing, Sway Bar	4001402	2
26	Linkage, Sway Bar, LH	4001403	1
27	Rear Lower Arm Comp (LH)	4001404	1
28	Rear Upper Arm Comp (LH)	4001405	1
29	Spring, Prop Shaft	4001065	1
30	Asm., Gear Case, Rear	4001406	1
31	Bolt, M8*P1.25*10L	4001407	2
32	Washer	4001313	2
33	Bellows	4001303	1
34	Clamp	4001304	1
35	Bearing, Ball	4001408	2
36	Gear, Bevel	4001409	1
37	Bolt, M8*P1.25*30L	4001410	6
38	Asm., Cap	4001411	1
39	Seal, Oil	4001412	2
40	Bolt	4001413	2

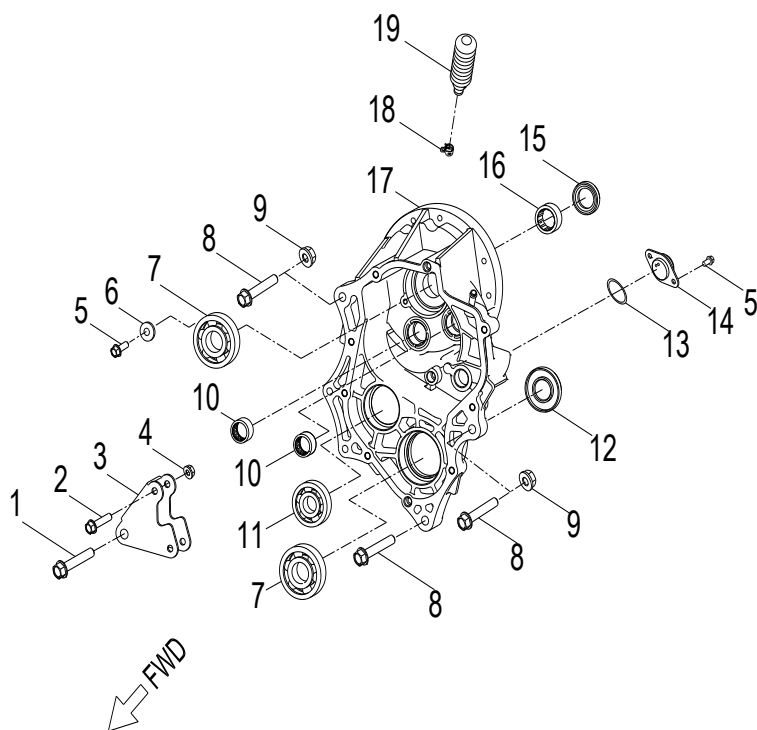
D-22:DRIVE ASSEMBLY,REAR

[illegible]

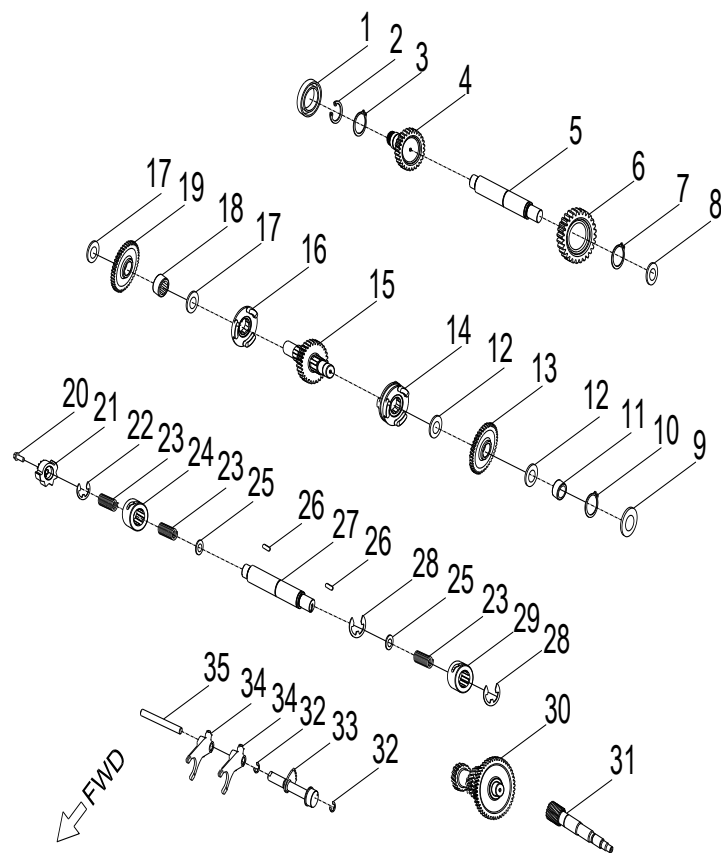
D-23:GEAR SELECTOR

[illegible]

D-24:TRANSMISSION

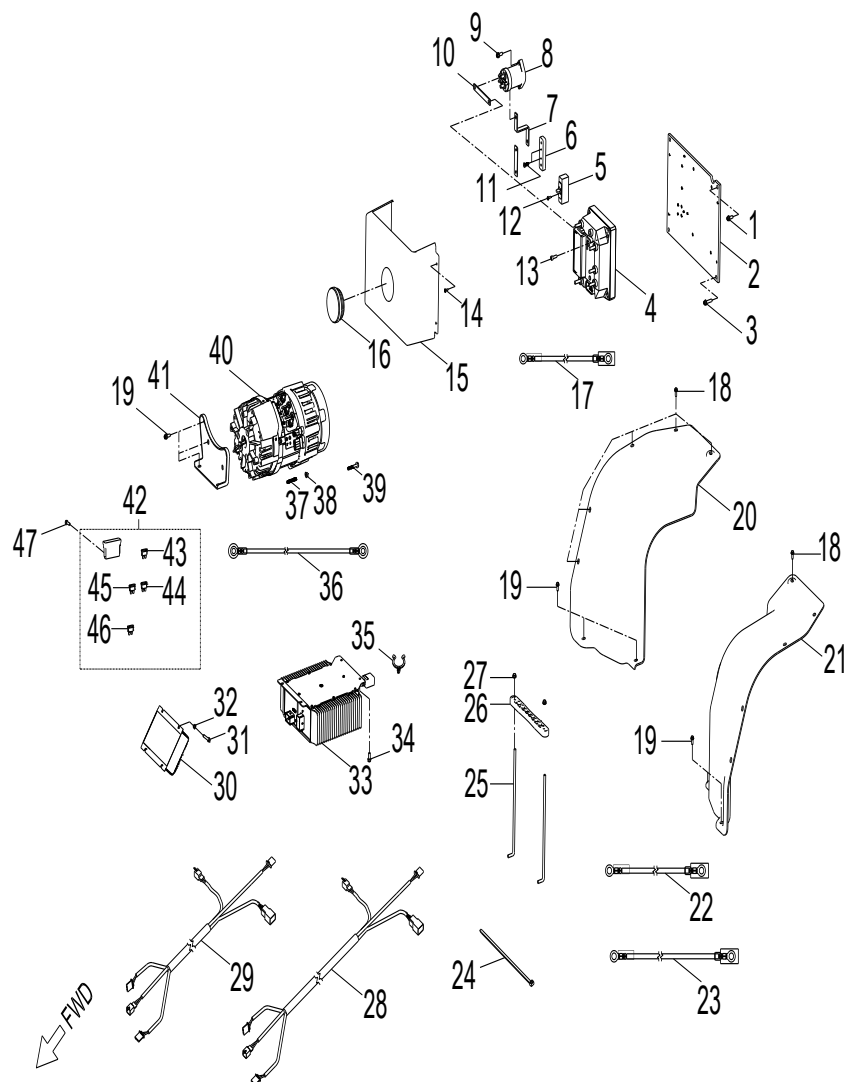
[illegible]

D-25:TRANSMISSION



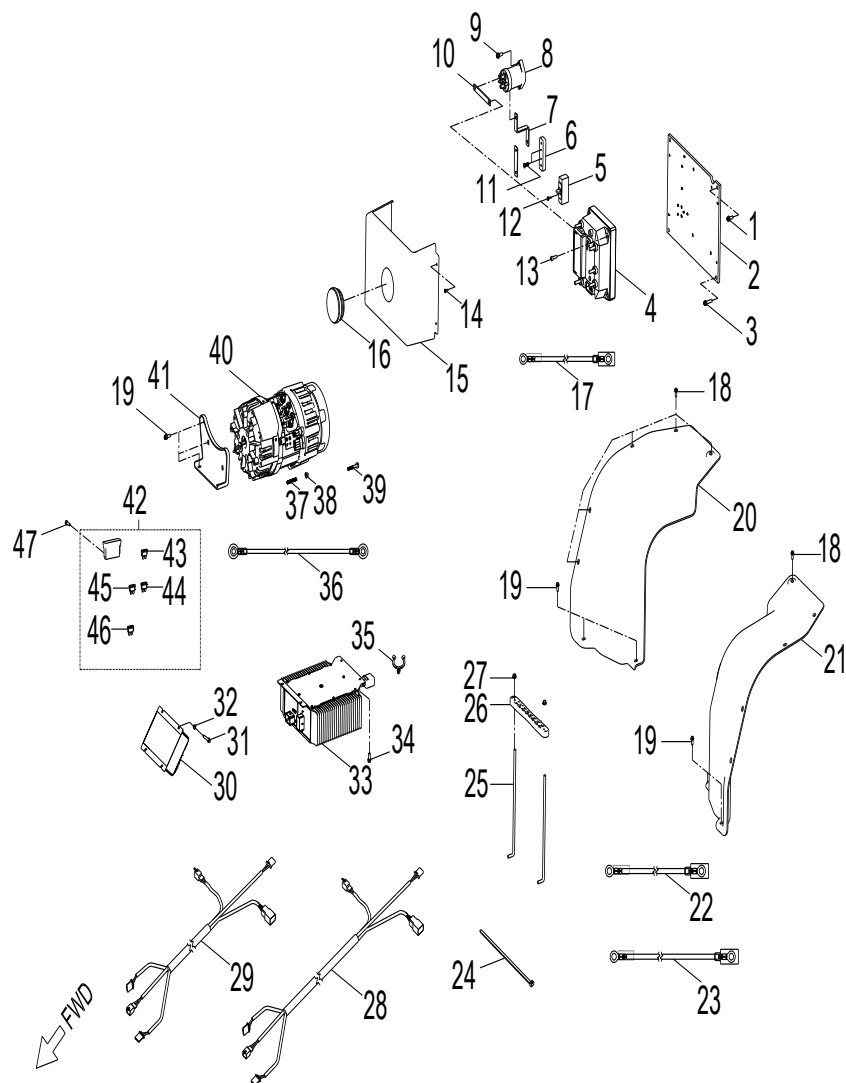
ITEM	DESCRIPTION	P/N	QTY
1	Washer, $\phi 20 \times \phi 33 \times t1$	4001484	1
2	Gear, Front Shaft	4001485	1
3	Clip, Cir, 25mm	4001447	1
4	Idler Gear, Over Drive	4001486	1
5	Pinion, Output	4001487	2
6	Gear, Output	4001488	2
7	Clip, Cir	4001489	2
8	Washer, $\phi 17.2 \times \phi 33 \times t1.5$	4001490	1
9	Washer, $\phi 20 \times \phi 33 \times t1$	4001484	1
10	Clip, Cir	4001491	1
11	Collar, Shaft	4001492	1
12	Washer, $\phi 20.2 \times \phi 28 \times t1$	4001493	2
13	Asm., Gear, Spur	4001494	1
14	Ratchet, Shift	4001495	1
15	Shaft, Transmission	4001496	1
16	Ratchet, Over Drive	4001497	1
17	Washer, $\phi 20.2 \times \phi 29 \times t1$	4001498	2
18	Bearing, Needle	4001499	1
19	Gear, Over Drive	4001500	1
20	Bolt, M6*P1.0*28L	4001501	1
21	Gear, Drum Shift	4001502	1
22	E-Clip	4001503	1
23	Recoil, Shift	4001504	3
24	Drum, Gear Shifter	4001505	1
25	Washer, $\phi 26.2 \times \phi 32 \times t0.5$	4001506	2
26	Key, Woodruff	4001507	2
27	Shaft, Shift Drum	4001508	1
28	Clip, Cir	4001509	2
29	Drum, Gear Shifter	4001510	1
30	Asm., Shaft, Counter	4001511	1
31	Shaft, Drive	4001512	1
32	E-Clip	4001513	2
33	Spindle	4001514	1
34	Fork, Shift	4001515	2
35	Shaft, Gear Shift	4001516	1

D-26:ELECTRIC MOTOR



ITEM	DESCRIPTION	P/N	QTY
1	Bolt	4001517	2
2	Bracket, controller	4001518	1
3	Bolt	4001519	2
4	controller	4001520	1
5	Fuse, Battery	4001521	1
6	Fuse, Main	4001522	1
7	Conductor 1, Relay	4001523	1
8	Relay, Main	4001524	1
9	Bolt	4001525	2
10	Conductor 2, Relay	4001526	1
11	Bolt	4001527	2
12	Bolt, M4*P0.6*12L	4001096	1
13	Bolt, M6*P1.0*35L	4001528	4
14	Screw	4001529	4
15	Cover, controller	4001530	1
16	Plug, Rubber, Hood	4001531	1
17	Wires, controller	4001532	2
18	Bolt	4001533	10
19	Bolt, M8*P1.25*14L	4001534	10
20	Shield, Battery, RH	4001535	1
21	Shield, Battery, LH	4001536	1
22	Wire A, Battery	4001537	6
23	Wire B, Battery	4001538	1
24	Strap, ALT-200M-B	4001539	60
25	Bolt, Battery	4001540	16
26	Bracket, Battery	4001541	8
27	Nut	4001279	18
28	Harness, Main Wire	4001542	1
29	Extended Wires	4001543	1
30	DC Converter, 48/12	4001544	1
31	Bolt	4001545	4
32	Nut, M6*P1.0	4001546	4
33	On Board Charger	1007809	1
34	Bolt, M6*P1.0*16L w/ Washer	4001024	4
35	Strap	4001548	1
36	Wires, Motor	4001549	3
37	Stud	4001550	1
38	Nut	4001551	1
39	Bolt	4001552	5
40	Motor, 48V	4001553	1

D-26:ELECTRIC MOTOR

[illegible]