

# Parts Manual

# JNSZ1100SV

READ THIS MANUAL CAREFULLY  
IT CONTAINS IMPORTANT SAFETY  
INFORMATION.

MINIMUM  
RECOMMENDED  
OPERATOR AGE:

# 16



## ~~FOR OFF-ROAD USE ONLY~~

This vehicle is designed and manufactured for off-road use only.

USA only:

It does not conform to federal motor vehicle safety standards, and operation on Public streets, roads, or highways is illegal

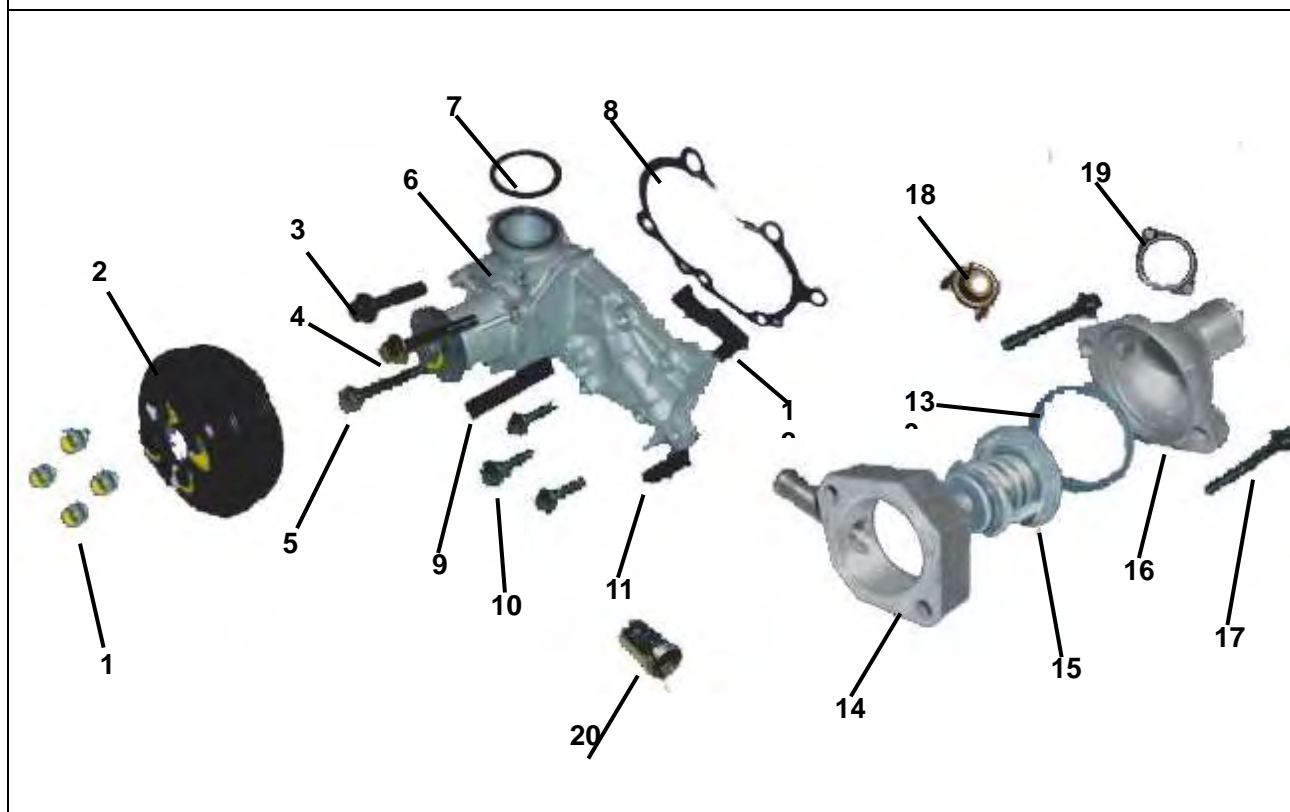
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# PARTS MANUAL

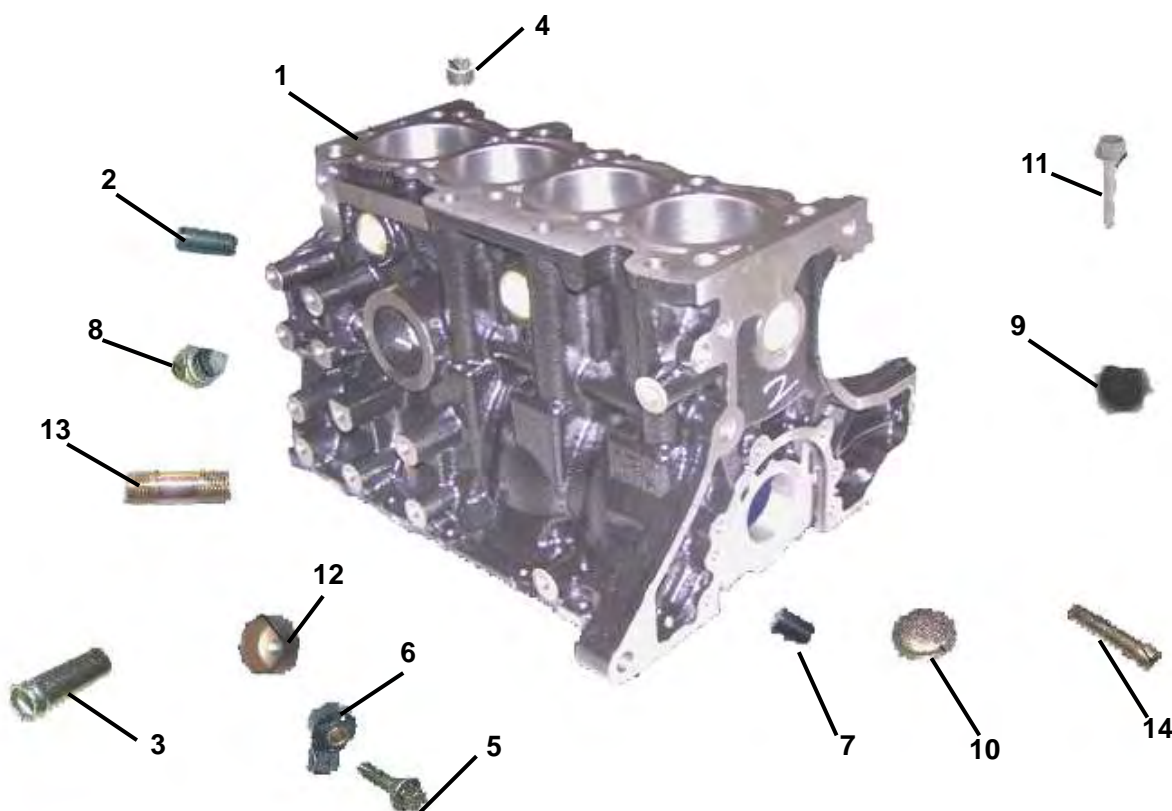
## 1. ENGINE

### 1. COOLING SYSTEM



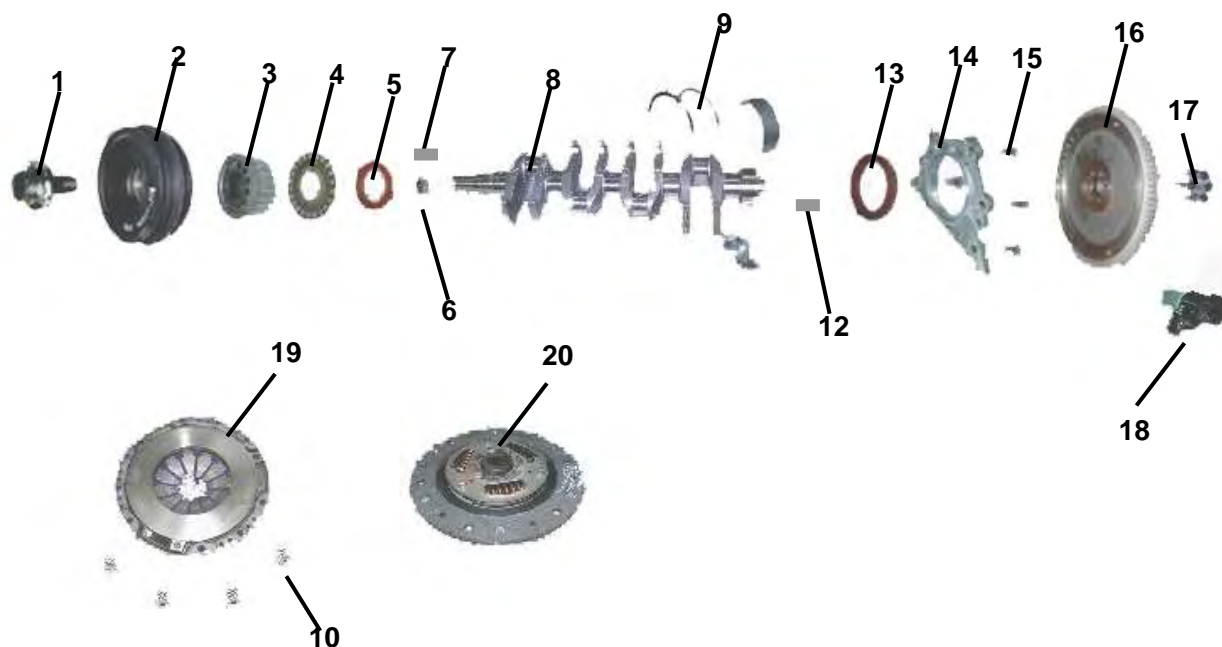
No	Part number	Name	Quantity
1	Q1400612	BOLT, HEXAGON HEAD	4
2	372-1307014	WATER PUMP PULLEY	1
3	Q1840840	BOLT, HEXAGON FLANGE	1
4	Q1840855	BOLT (M8X55)	3
5	Q1840865	BOLT, HEXAGON FLANGE	1
6	372-1307010	PUMP SET, WATER	1
7	372-1307015	RING, 'O'	1
8	372-1307041	WATER PUMP WASHER	1
9	372-1307018	SEAL STRIP 2	1
10	Q1840825	BOLT	11
11	372-1307019	SEAL STRIP 3	1
12	372-1307012	SEAL STRIP 1	1
13	GB50-18	RING,'O' RUBBER	1
14	372-1306016	SEAT - THERMOSTAT OUTER	1
15	372-1306020	THERMOSTAT ASSY	1
16	372-1306001	THERMOSTAT ASSY	1
17	Q1840850	BOLT, HEXAGON FLANGE	2
18	372-1306012	INNER SEAT-THERMOSTAT ASSY	1
19	372-1306018	OUTER SEAT-THERMOSTAT ASSY	1
20	372-1306017	PIPE	1

## 2.CYLINDER BLOCK



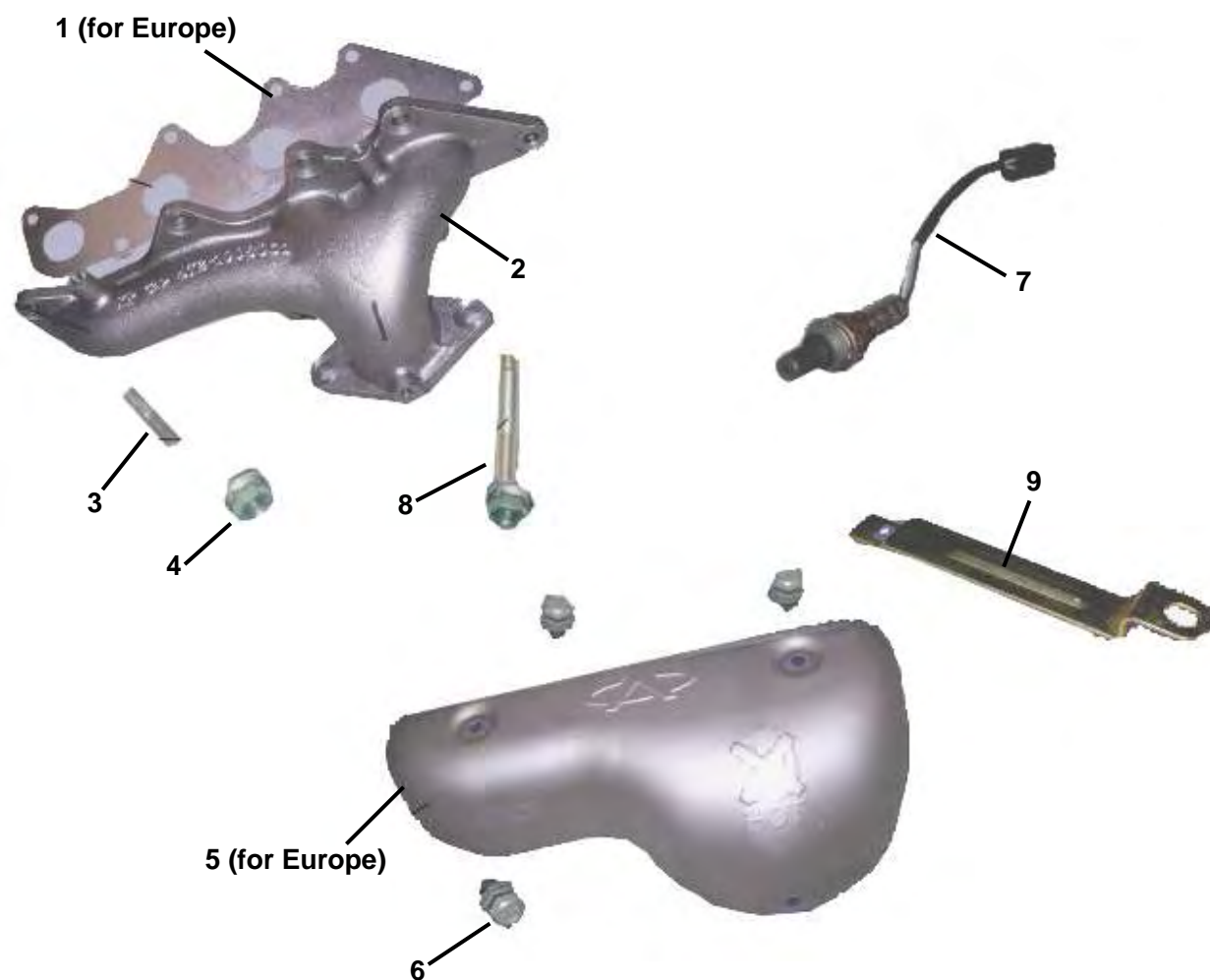
No	Part number	Name	Quantity
1	472-1002010	CYLINDER BLOCK ASSY	1
2	372-1002037	POSITION PIN	6
3	372-1002046	CRANKCASE VENTILATION PIPE	1
4	372-1002044	CYLINDER HEAD SEAL PLUG	4
5	Q1840830	BOLT, HEXAGON FLANGE	1
6	372-1002060	KNOCK SENSOR	1
7	372-1002036	POSITION PIN	2
8	S11-3810010	SWITCH,OIL PRESSURE	1
9	11G10GB308	BALL	2
10	372-1002024	PLUG	7
11	372-1002023	BOLT	10
12	372-1002045	COVER-OIL CONTROL	1
13	372-1012021	TIE-IN-OIL FILTER	1
14	472-1003027	VENT PIPE	1

### 3.CRANKSHAFT



No	Part number	Name	Quantity
1	372-1005031	PULLEY BOLT	1
2	372-1005040	TORSION SHOCK ABSORBER ASSY	1
3	372-1005018	CRANKSHAFT TIMING GEAR	1
4	372-1005017	TOOTHED BELT BAFFLE	1
5	372-1005015	CRANKSHAFT FRONT OIL SEAL	1
6	372-1005033	BEARING, NEEDLE	1
7	372-1005032	WOODRUFF KEY	1
8	472-1005010	CRANKSHAFT ASSY	1
9	372-1005016	STOPPER PLATE	2
10	S11-1601101	BOLT, COVER SET	6
12	372-1005036	PIN - DOWEL	1
13	372-1005030	REAR OIL SEAL	1
14	372-1005021	REAR OIL SEAL BRACKET	1
15	Q1840820	BOLT, HEXAGON FLANGE	5
16	372-1005050	FLYWHEEL ASSY	1
17	372-1005054	BOLT, LOCK-FLY WHEEL	6
18	S11-1005117	SENSOR,CRANKSHAFT POSITION	0
19	S11-1601020CA	COVER-CLUTCH	1
20	S11-1601030CA	DRIVEN DISK ASSY	1

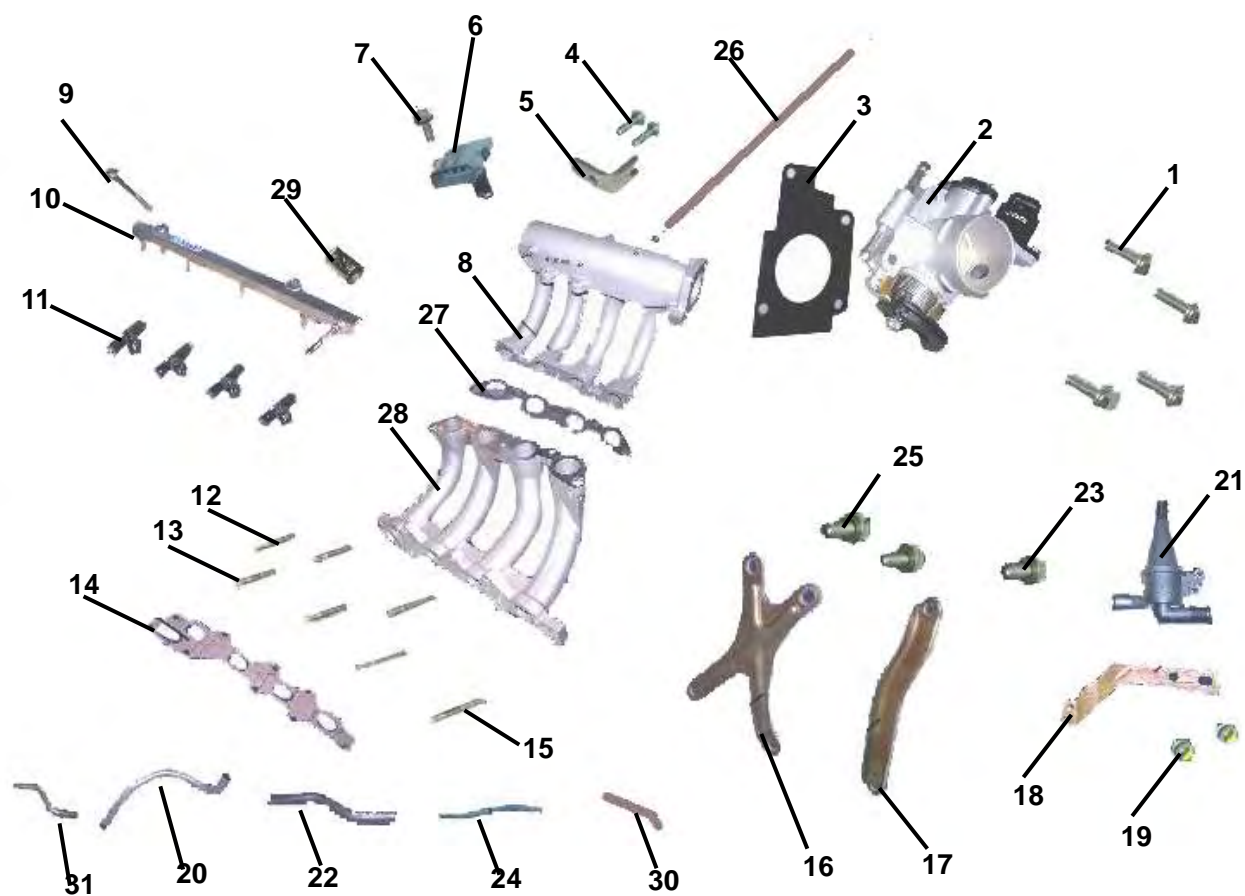
#### 4. EXHAUST MANIFOLD



No	Part number	Name	Quantity
1	472-1008033	GASKET-EXHAUST MANIFOLD	1
2	472-1008031	EXHAUST MANIFOLD	1
3	Q1200825F3	STUD	6
4	Q33008	NUT, HEXAGON	6
5	472-1008044	HEAT INSULATOR	1
6	Q1460612	BOLT, HEXAGON HEAD	4
7	S11-1205110JA	OXYGEN SENSOR	1
8	Q1200835F3	STUD	1
9	S11-3724863	BRACKET,OXYGEN SENSOR	1

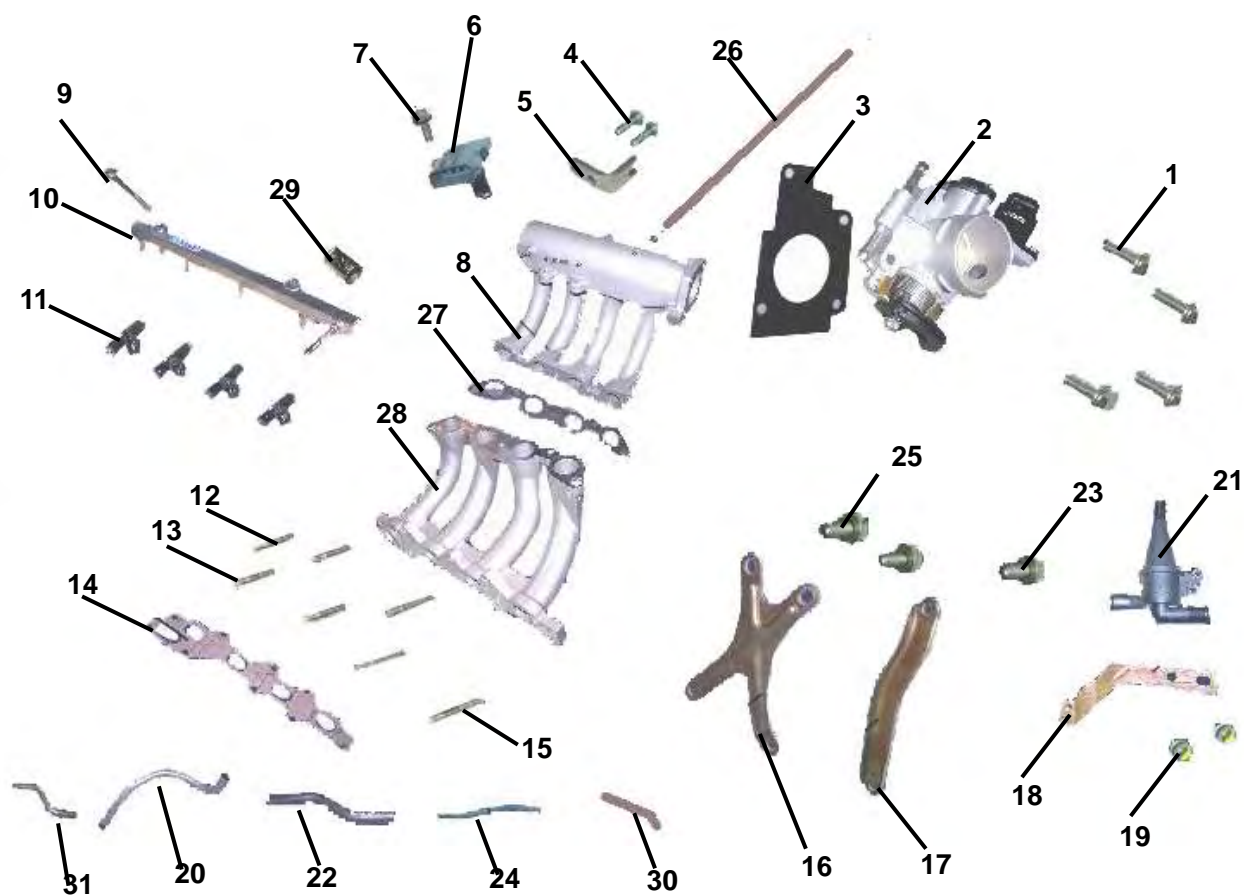


## 5.INTAKE SYSTEM



No	Part number	Name	Quantity
1	Q1420625	BOLT, HEXAGON HEAD	4
2	S11-1129010JA	THROTTLE	1
3	S11-1129021JA	GASKET-THROTTLE	1
4	Q1840620	BOLT, HEXAGON FLANGE	4
5	372-1008043	ACCELERATOR PULLING WIRE BRACKET	1
6	S11-1109411	INTAKE TEMPERATURE AND PRESSURE SENSOR	1
7	Q1400416	BOLT, HEXAGON HEAD	1
8	472-1008011	UPPER INTAKE MANIFOLD	1
9	Q1420645	BOLT, HEXAGON HEAD	2
10	S11-1121012JA	OIL GUIDE	1
11	S11-1121020JA	INJECTOR	4
12	Q1200835F3	STUD	3
13	Q1200828F3	STUD	2
14	472-1008021	GASKET-INTAKE MANIFOLD	1
15	Q1200855F3	STUD	1
16	372-1008041	INTAKE MANIFOLD FRONT BRACKET	1

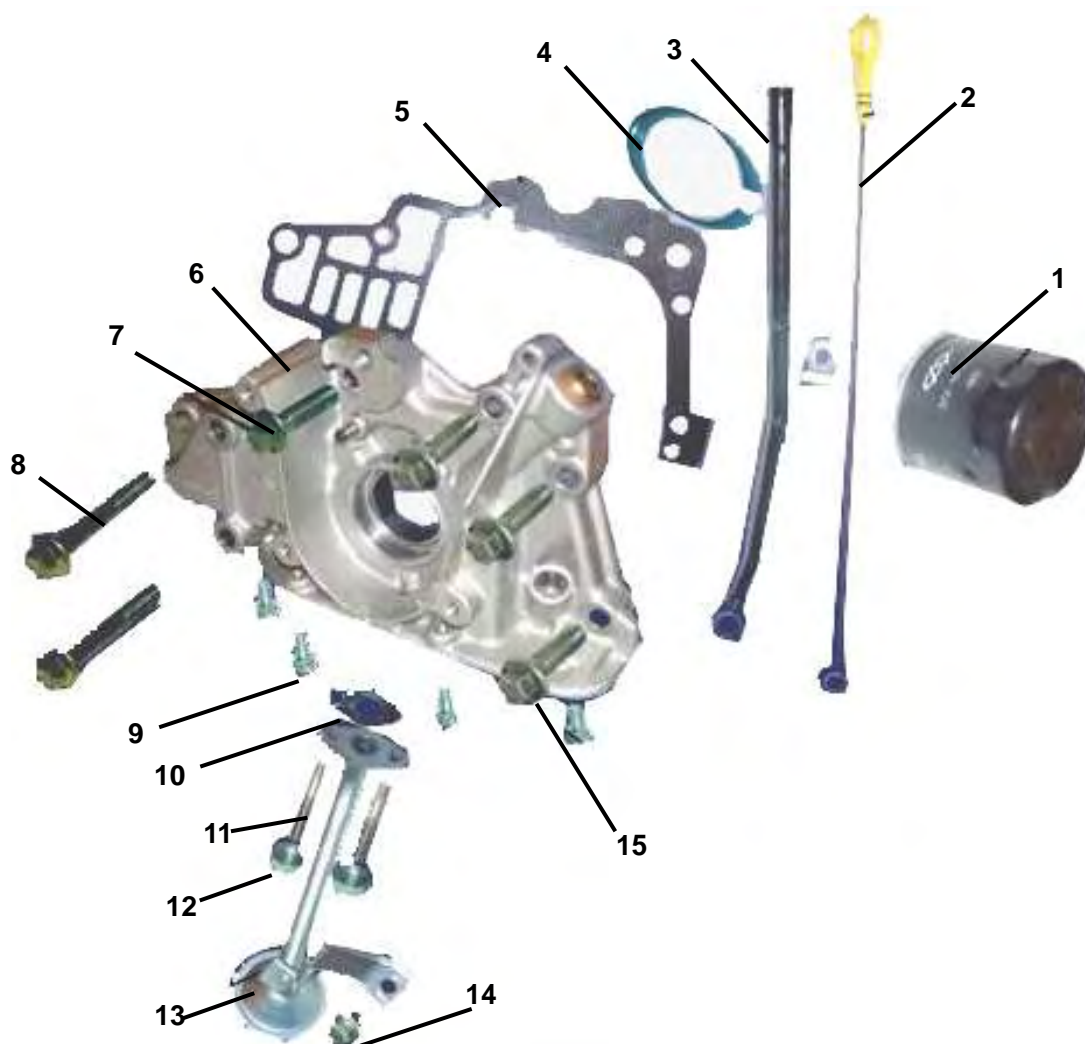
## 5.INTAKE SYSTEM



No	Part number	Name	Quantity
17	372-1008042	INTAKE MANIFOLD REAR BRACKET	1
18	472-1014110	BRACKET	1
19	Q1400612	BOLT, HEXAGON HEAD	2
10	472-1014122	CRANKCASE VENTILATION PIPE (2)	1
21	481H-1014030	OIL AND AIR SEPARATOR	1
22	472-1014121	CRANKCASE VENTILATION PIPE (1)	1
23	Q1840816	BOLT, HEXAGON FLANGE	5
24	372-1014130	CRANKCASE VENTILATION PIPE (3)	1
25	Q1840820	BOLT, HEXAGON FLANGE	2
26	S11-1108210DA	CABLE-ACCL.	1
27	472-1008012	GASKET-INTAKE MANIFOLD	1
28	472-1008013	INTAKE MANIFOLD LOWER	1
29	372-1008017	TIE-IN	1
30	472-1014123	PIPE 3	1
31	S11-1109416BA	TUBE	1

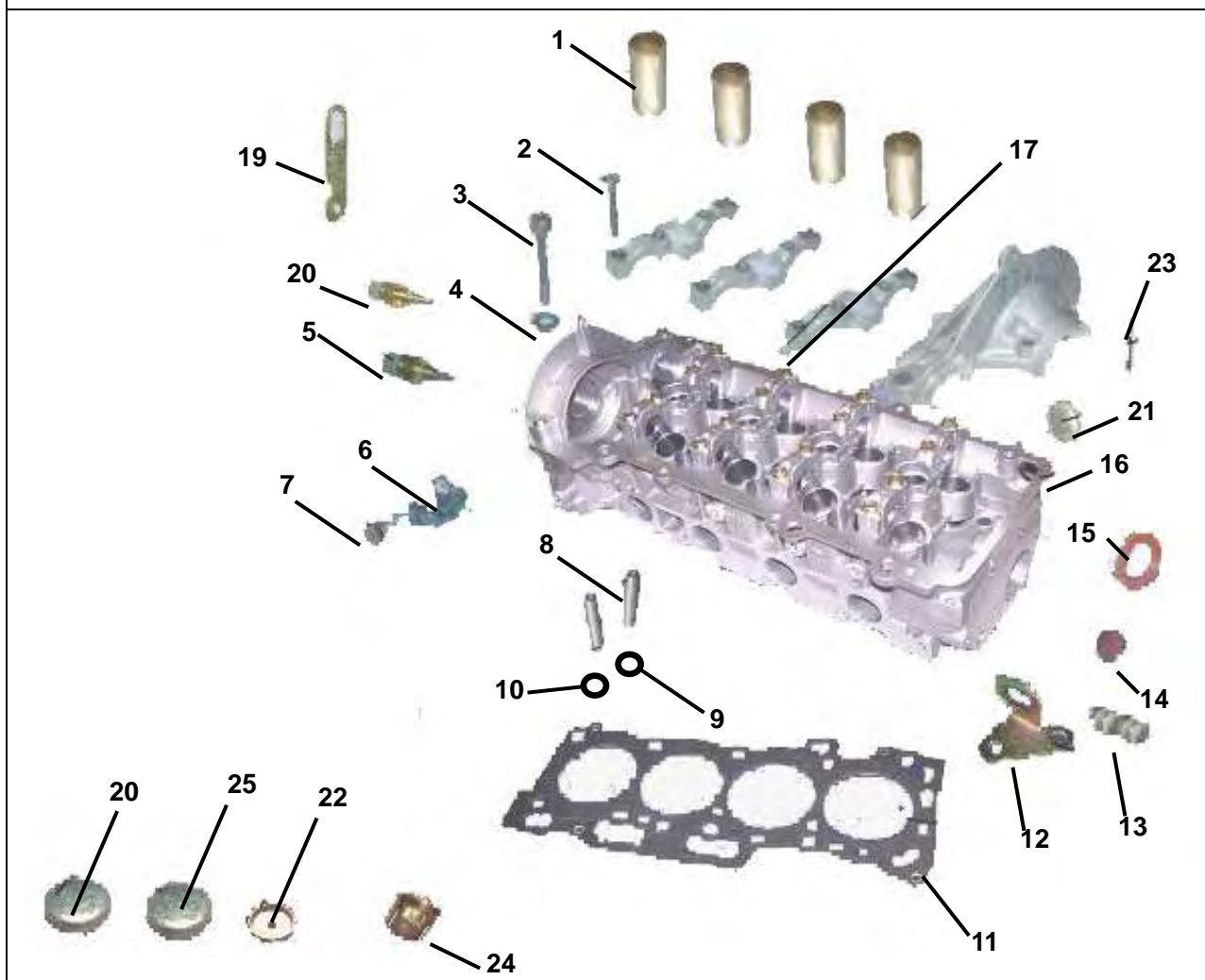


## 6.LUBRICATING DEVICE



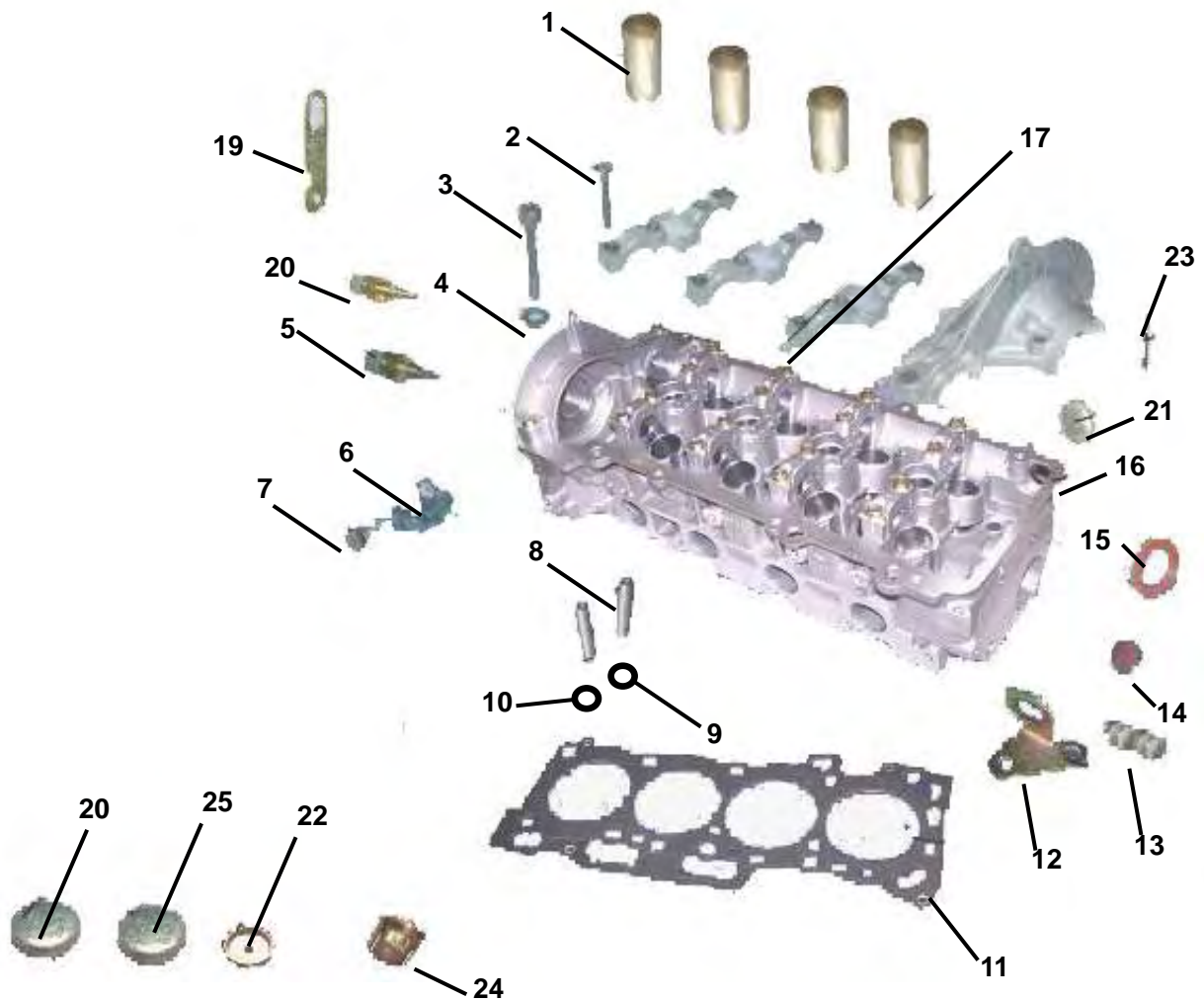
No	Part number	Name	Quantity
1	372-1012010	OIL FILTER ASSY	1
2	372-1009130	OIL DIP STICK ASSY	1
3	372-1009120	OIL DIP STICK PIPE ASSY	1
4	372-1011055	SEAL STRIP	1
5	372-1011021	OIL PUMP WASHER	1
6	372-1011030	OIL PUMP ASSY	1
7	Q1840825	BOLT	1
8	Q1840855	BOLT (M8X55)	2
9	Q1420612	BOLT, HEXAGON HEAD	17
10	372-1010017	OIL STRAINER WASHER	1
11	Q1200616	STUD	2
12	Q33006	NUT, HEXAGON	2
13	372-1010010	OIL STRAINER ASSY	1
14	Q1840610	BOLT, HEXAGON FLANGE	1
15	Q1840830	BOLT, HEXAGON FLANGE	4

## 7.CYLINDER HEAD



No	Part number	Name	Quantity
1	372-1003074	SPARK PLUG SLEEVE	4
2	Q1400638	BOLT, HEXAGON HEAD	21
3	372-1003051	BOLT, CYLINDER HEAD	10
4	372-1003052	CYLINDER HEAD BOLT WASHER	10
5	S11-3808013	SENSOR, WATER TEMP.	1
6	S11-1003069	SENSOR,CAMSHAFT POSITION	1
7	Q1400816	BOLT, HEXAGON HEAD	1
8	372-1003023	GUIDE - VALVE	16
9	372-1003022	EXHAUST VALVE SEAT INSERT	8
10	372-1003021	INTAKE VALVE SEAT INSERT	8
11	472-1003040AB	GASKET-CYLINDER HEAD	1
12	372-1003202RA	HANGER - FRONT ENGINE	1
13	Q1840816	BOLT, HEXAGON FLANGE	2
14	372-1003067	BLOCK COVER	1
15	372-1003066	CAMSHAFT OIL SEAL	1
16	472-1003010	CYLINDER HEAD	1

## 7.CYLINDER HEAD



No	Part number	Name	Quantity
17	372-1003063	CAMSHAFT BEARING CAP POSITION COVER	10
18	S11-3808010	SENSOR SET, WATER TEMP.	1
19	372-1003201BA	REAR HINGER	1
20	372-1003026	PLUG	3
21	372-1003024	PLUG	1
22	372-1003028	PLUG	1
23	372-1003038	STUD	1
24	372-1003076	SLEEVE	1
25	372-1003025	PLUG	1

## 8. COVER-VALVE CHAMBER



No	Part number	Name	Quantity
1	372-1003090	OILING PORT COVER ASSY	1
2	Q2540616	SCREW	8
3	472-1003075	COVER	1
4	472-1003030	VALVE CHAMBER	1
5	472-1003036	GASKET-VALVE CHAMBER	1
6	Q1460625	BOLT, HEXAGON HEAD	5

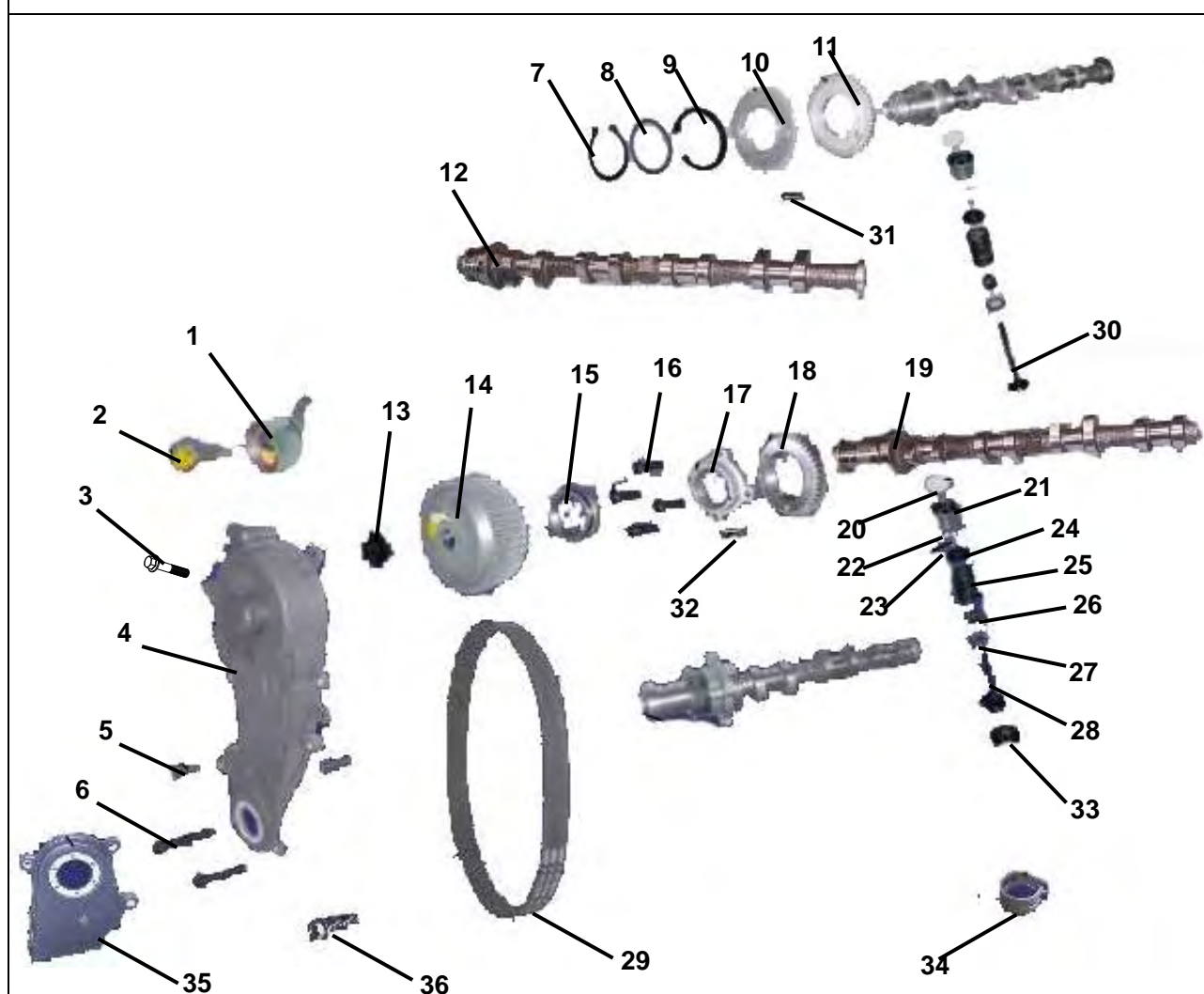
## 9.OIL PAN



No	Part number	Name	Quantity
1	472-1009010	OIL PAN ASSY	1
2	Q1420612	BOLT, HEXAGON HEAD	17
3	372-1009017	SEAL WASHER-OIL DRAIN THREADED PLUG	1
4	372-1009014	PLUG, MAGNET	1



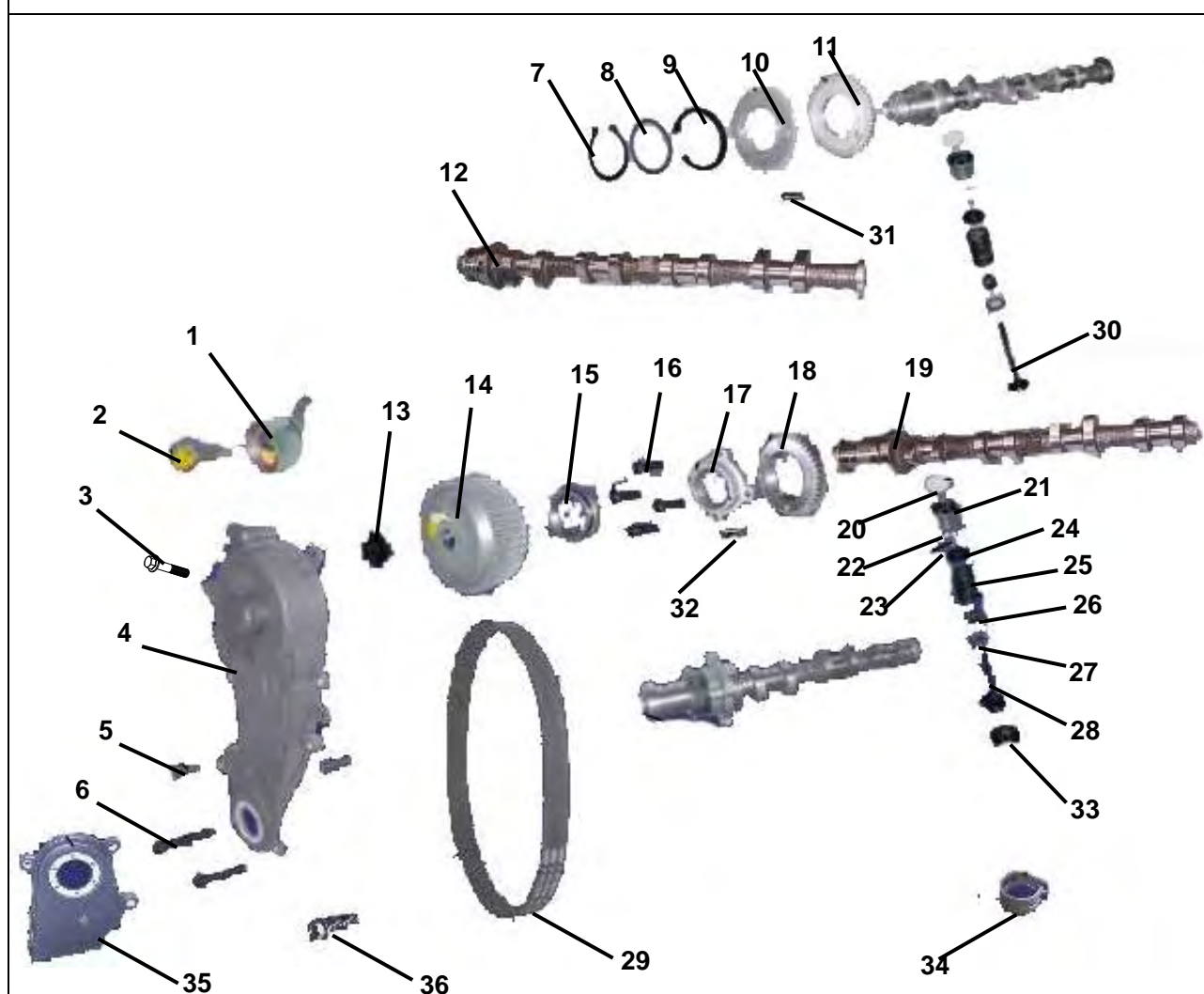
## 10.VALVE MECHANISM



No	Part number	Name	Quantity
1	372-1007030	TENSIONING PULLEY ASSY	1
2	Q1401045	BOLT, HEXAGON HEAD	1
3	Q1400616	BOLT, HEXAGON HEAD	3
4	372-1007040	TIMING GEAR COVER ASSY	1
5	Q1460625	BOLT, HEXAGON HEAD	9
6	Q1460650	BOLT, HEXAGON HEAD	2
7	Q43140	RING,SHIELD-SHAFT SPRING	1
8	372-1006032	SADDLE FLIP WASHER	1
9	372-1006031	DRIVE RING	1
10	372-1006040	GEAR (DERIVEN) - INTAKE CAMSHAFT	1
11	372-1006030	GEAR (MAIN ) - INTAKE CAMSHAFT	1
12	472-1006020	GEAR (MAIN ) - INTAKE CAMSHAFT	1
13	372-1006071	BOLT, HEXAGON FLANGE	1
14	372-1006066	SPROCKET, TIMING BELT	1
15	372-1006064	NUT, LOCK-CLUTCH HUB	1
16	Q2180620	BOLT,INNER HEXGON HEAD	4

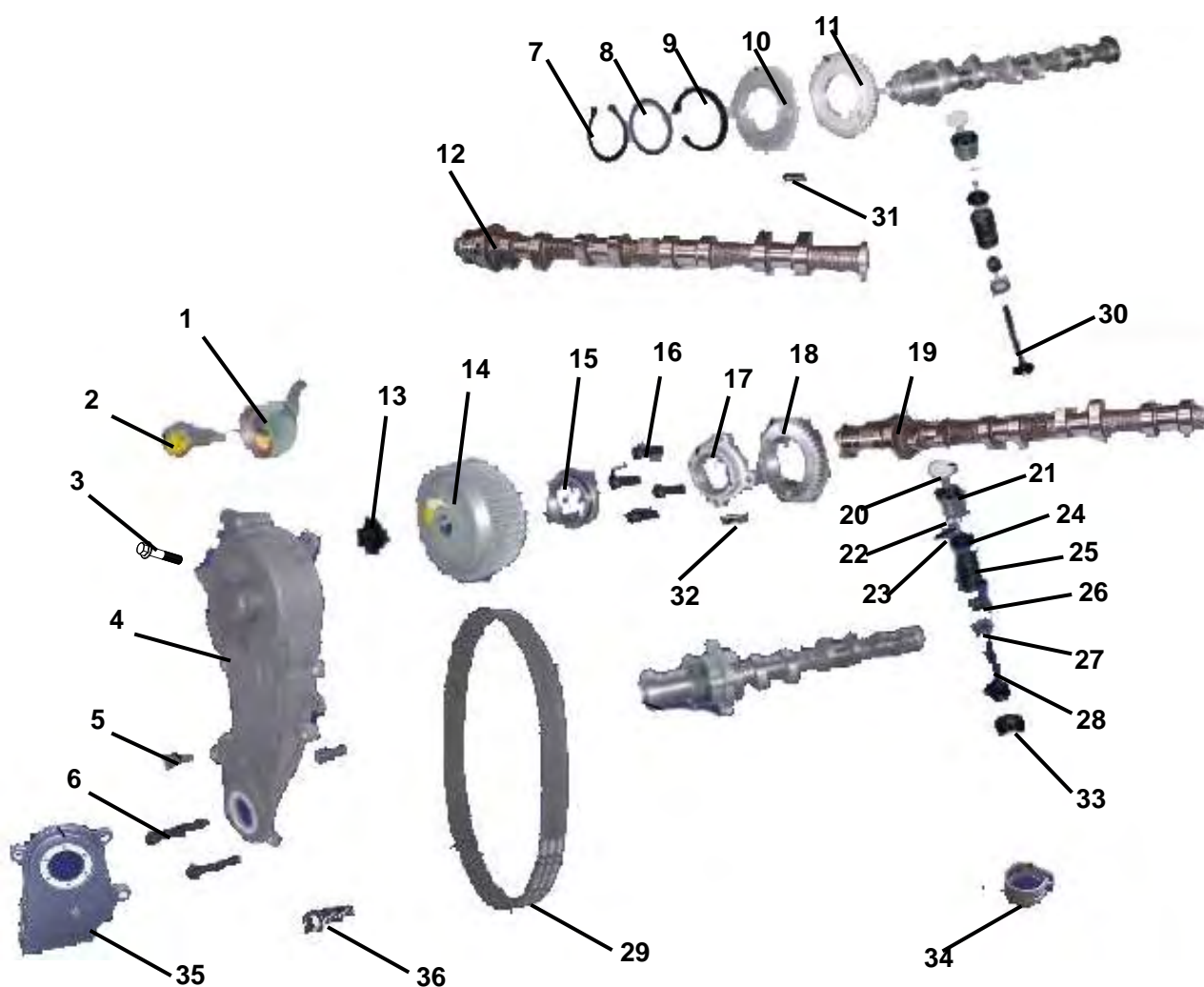


## 10. VALVE MECHANISM



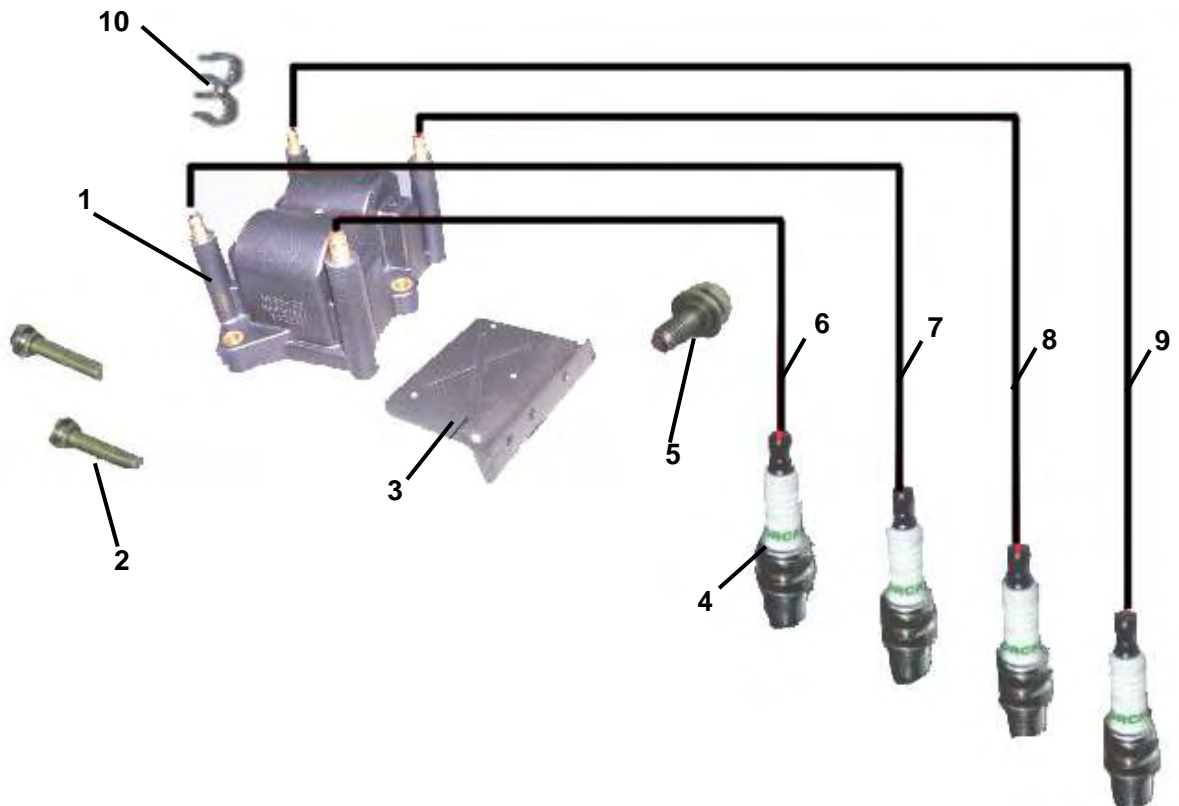
No	Part number	Name	Quantity
17	372-1006063	COUPLING FLANGE	1
18	372-1006062	EXHAUST CAMSHAFT GEAR	1
19	472-1006060	EXHAUST CAMSHAFT GEAR	1
20	372-1007017	ADJUSTMENT WASHER	16
21	372-1007018	VALVE LIFTER	16
22	372-1007019	VALVE LOCK BLOCK	32
23	372-1007021	EDDY SLEEVE	16
24	372-1007014BA	UPPER SEAT, VALVE SPRING	16
25	372-1007013	SPRING - VALVE	16
26	372-1007020	SEAL, VALVE	16
27	372-1007016	LOWER VALVE SPRING SEAT	16
28	372-1007012	VALVE, EXHAUST	8
29	372-1007081	TOOTHED TIMING BELT	1
30	372-1007011	VALVE, INLET	8
31	372-1006042	PIN	1
32	372-1006067	PIN	1

## 10. VALVE MECHANISM



No	Part number	Name	Quantity
33	372-1007014	UPPER SEAT, VALVE SPRING	1
34	Q673B155	CLAMP	1
35	472-1007042	LOWER COVER-TIMING GEAR	1
36	480-1011062	BOLT	1

## 11.IGNITION DEVICE



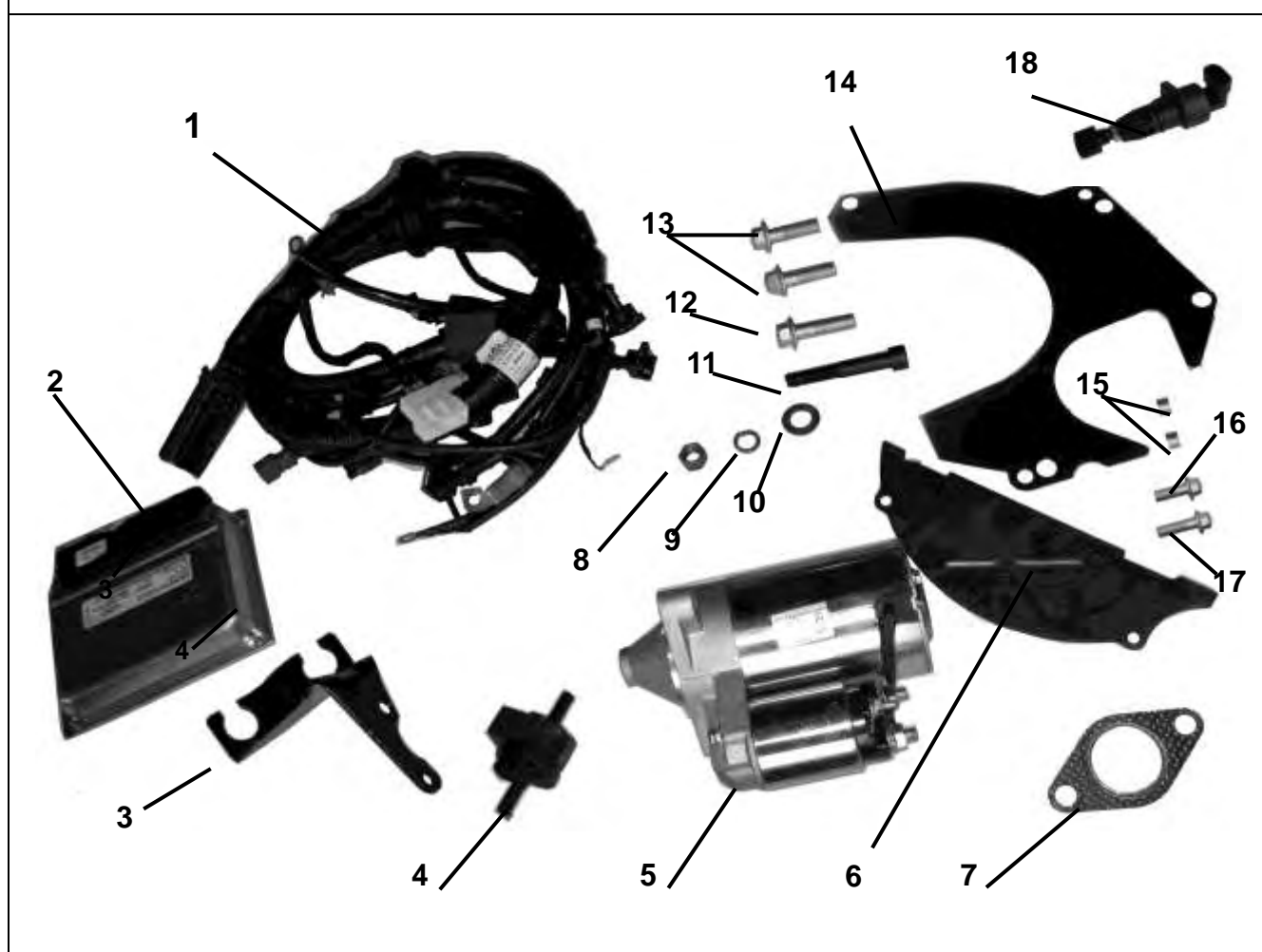
No	Part number	Name	Quantity
1	S11-3705110JA	IGNITION COIL	1
2	Q2320525	SCREW AND WASHER UNIT	3
3	S11-3705001CA	BRACKET-IGNITION COIL	1
4	S11-3707100	SPARK PLUG ASSY	4
5	Q1460820	BOLT, HEXAGON HEAD	3
6	S11-3707020BA	CORD NO.1, HI.TENSION	1
7	S11-3707030BA	CORD NO.2, HI.TENSION	1
8	S11-3707040BA	CORD NO.3, HI.TENSION	1
9	S11-3707050BA	CORD NO.4, HI.TENSION	1
10	S11-3724183	CLIP	1

## 12.PISTON AND CONNECTING ROD DEVICE



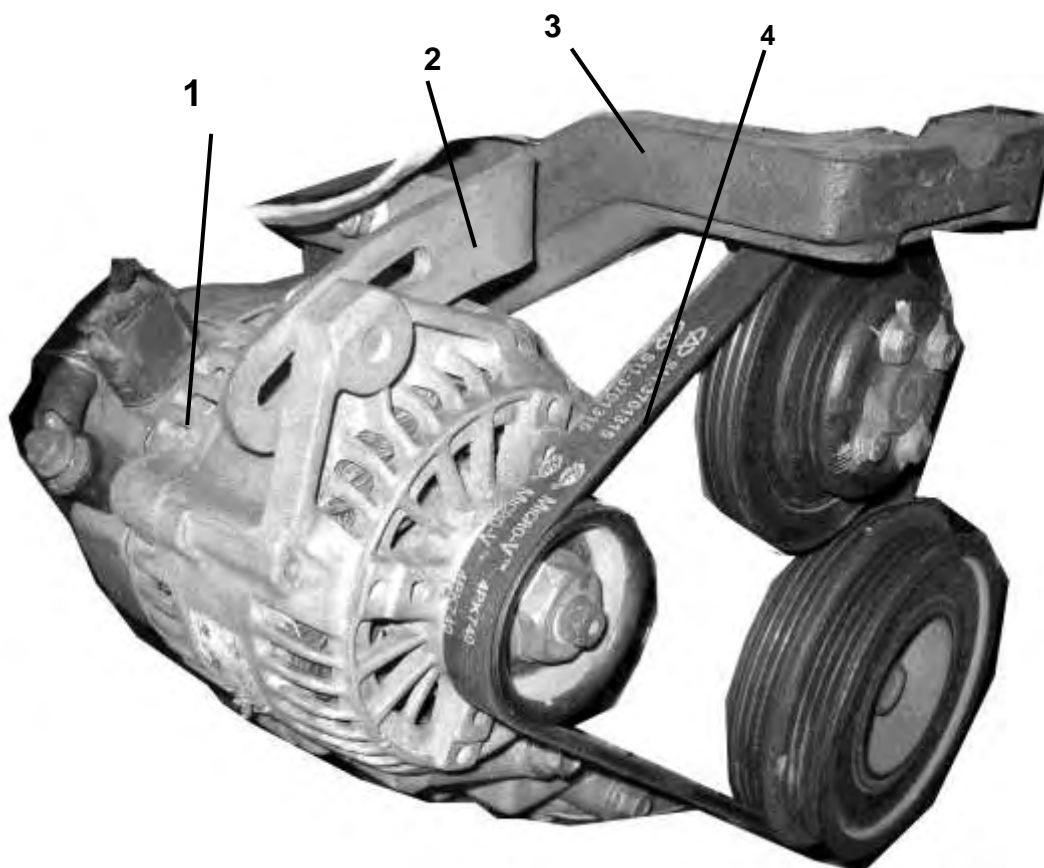
No	Part number	Name	Quantity
1	372-1004031	PISTON PIN	4
2	372-1004021AC	PISTON	4
3	372-1004110	CONNECTING ROD ASSY	4
4	372-1004116	BEARING-CONNECTING ROD	8

### 13. OTHER ACCESSORY 1



No	Part number	Name	Quantity
1	S11-3724180CS	Engine Harness	1
2	S11-3605010JA	472 ECU	1
3	S11-1703211	Shift Bracket	1
4	S11-1208210JA	PCV ,carbon can	1
5	S11-3708110GA	Starter assembly	4
6	S11-1700103	lower Steel cushion	1
7	S11-1200011BA	Single Exhaust Gasket	1
8	GB/T6170-2000-M12*1.75	Hex nut M12*1.75	1
9	GB/T 93-1987-12	Spring Washer $\phi$ 12	1
10	GB/T97.1 standard-12	Washer $\phi$ 12	1
11	GB/T70.1-2000- M12*1.75*75*25	Hex socket head bolt M12*1.75*75*25	1
12	Q218B1245	Bolt 12*45	1
13	Q1841240	Bolt 12*50	2
14	372-1002030	Upper steel cushion	1
15	S11-3708111	locating dowel	2
16	Q1840845	Bolt 8*45	2
17	Q1840850	Bolt 8*50	1
18	S11-3802020	Electric odometer sensor assy	1

## 14. OTHER ACCESSORY 2

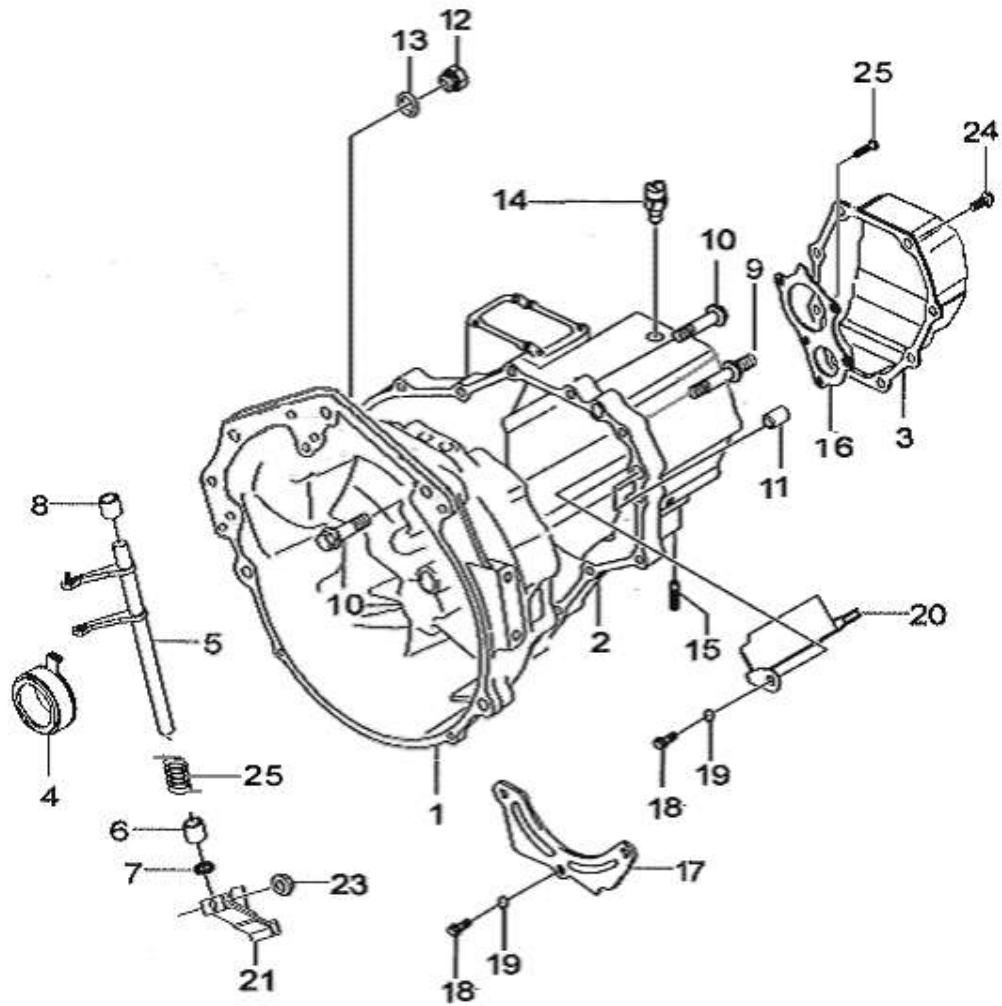


No	Part number	Name	Quantity
1	S11-3701110BB	Alternator	1
2	S11-3701211BA	Alternator bracket	1
3	S11-1001415BA	Rear bracket	1
4	S11-3701315	V-ribbed belt	1



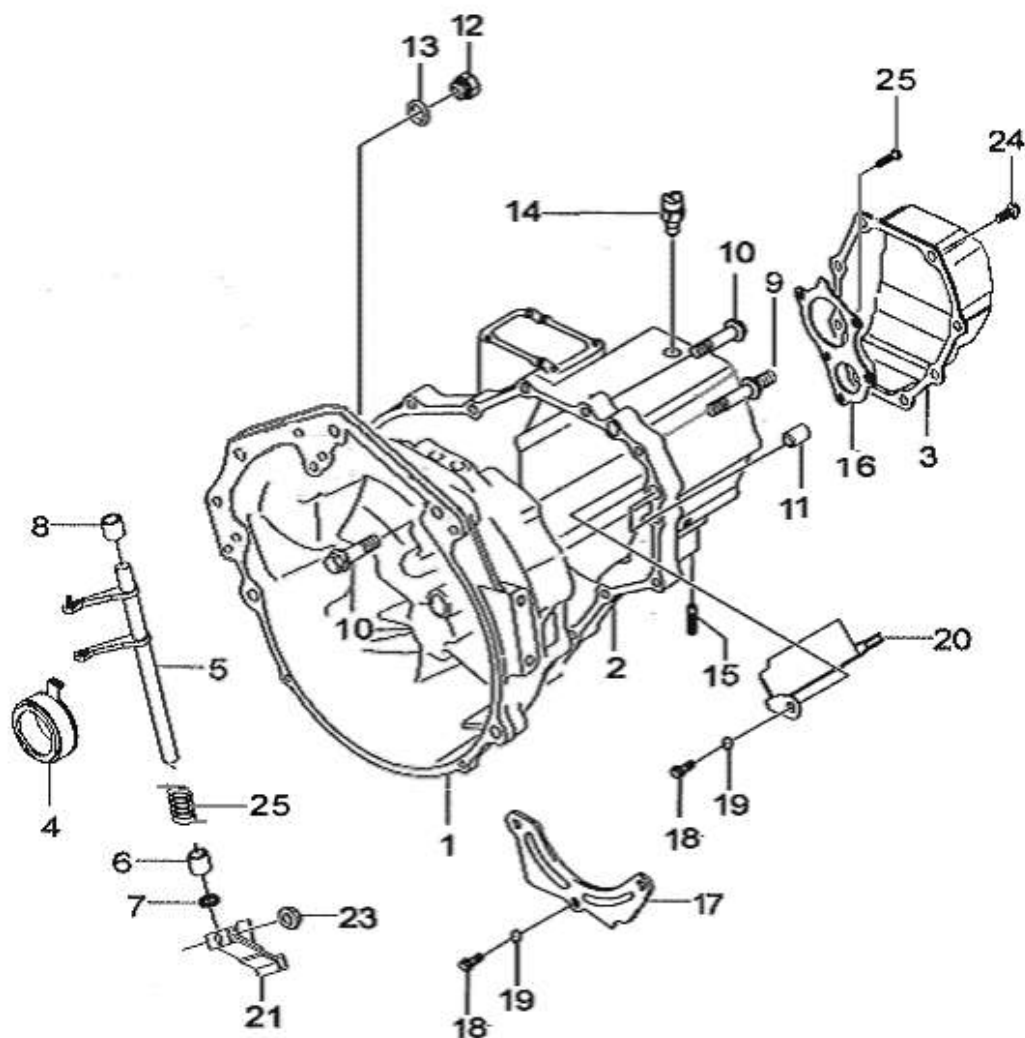
## 2.TRANSSMISSION

### 1.CASE&ACCESSORY



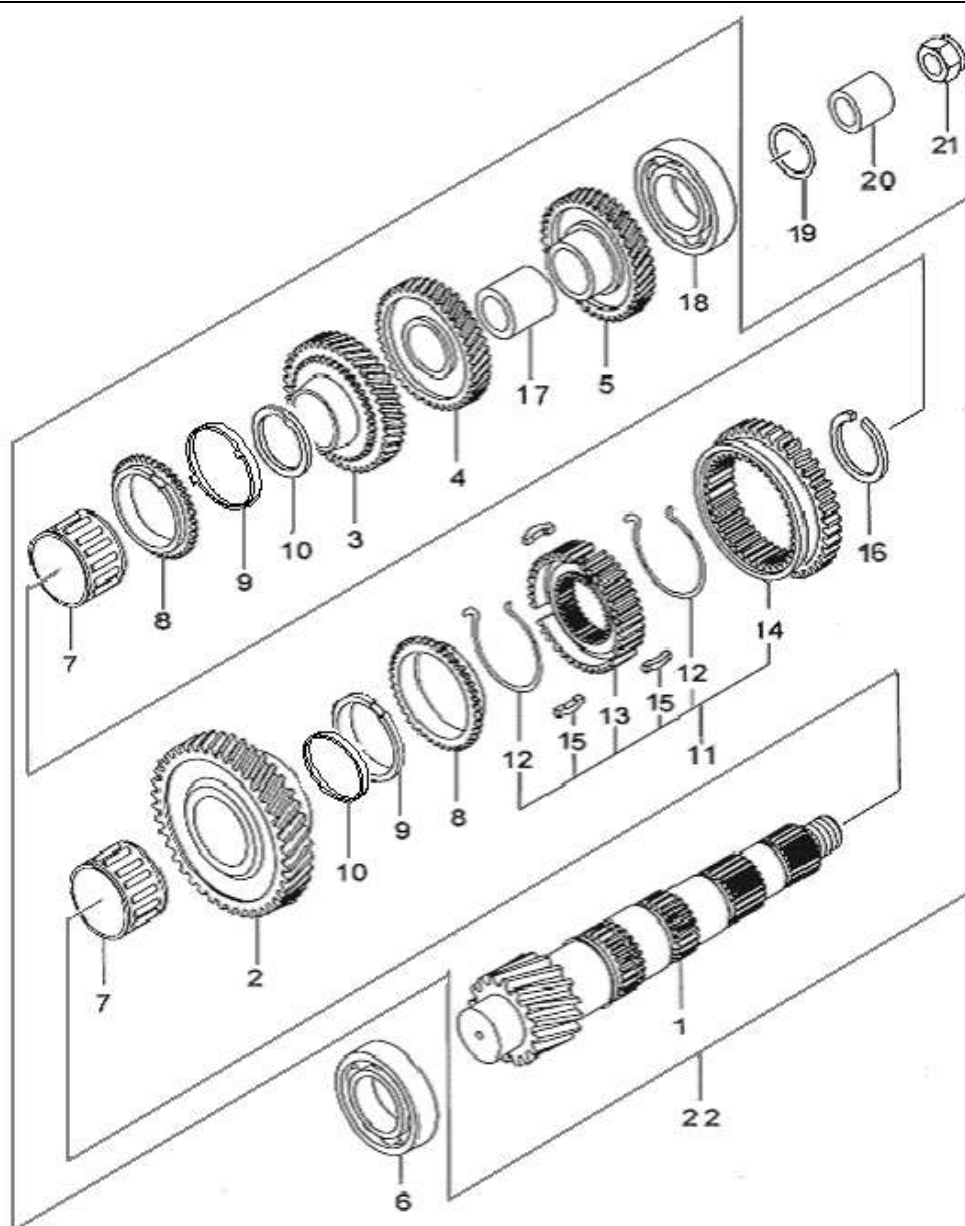
No	Part number	Name	Quantity
1	QR512-1701101	CASE.CLUTCH	1
2	QR512-1701111	CASE.TRANSMISSION	1
3	5T07-1701020	SIDE COVER	1
4	5T07-1702010	DECLUTCH BEARING	1
5	5T07-1702020A	DECLUTCH FORK	1
6	5T07-1702004	SLEEVE.CLUTCH FORK 2	1
7	5T07-1702030	SEAL.CLUTCH FORK	2
8	5T07-1702001	SLEEVE.CLUTCH FORK 1	1
9	QR512-1701103	DOUBLE-SCREW ROD	2
10	GB/T5789-1986	BOLT AM8×40	12
11	5T07-1701001	LOCATING PIN	2
12	5T07-1701002	PLUG SCREW.OIL	1

## 1.CASE&ACCESSORY



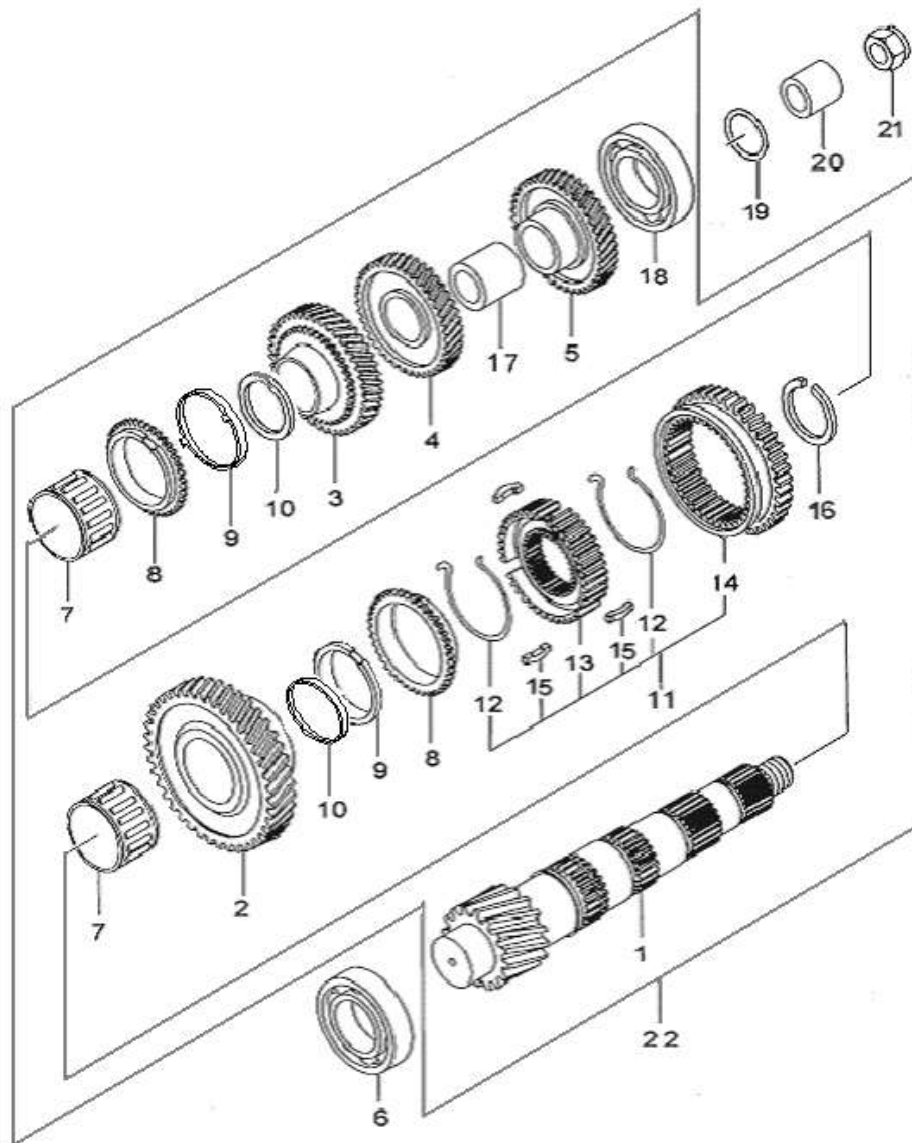
No	Part number	Name	Quantity
13	5T07-1701003	WASHER.PLUG SCREW.OIL	2
14	5T07-3729010	SWITCH.BACK-UP LIGHT	1
15	5T07-1701058A	DOUBLE-SCREW ROD	1
16	5T07-1701009	STOP PLATE.BEARING	1
17	5T07-1701004	OIL-STOP PLATE	1
18	GB/T5789-1986	AM6×12/BOLT AM6X12	2
19	GB/T7246-1987	6/WASHER 6	4
20	5T07-1701400	OIL GROOVE ASSY	1
21	5T07-1702080A	ROCKER.CLUTCH	1
22	GB/T5789-1986	AM8×35/BOLT AM8X35	1
23	GB/T6177-2000	NUT M8	1
24	5T07-1701603	BOLT.SIDE COVER	8
25	QR512-1602113	RELEASE SPRING.DECLUTCH	1

## 2.COUNTERSHAFT



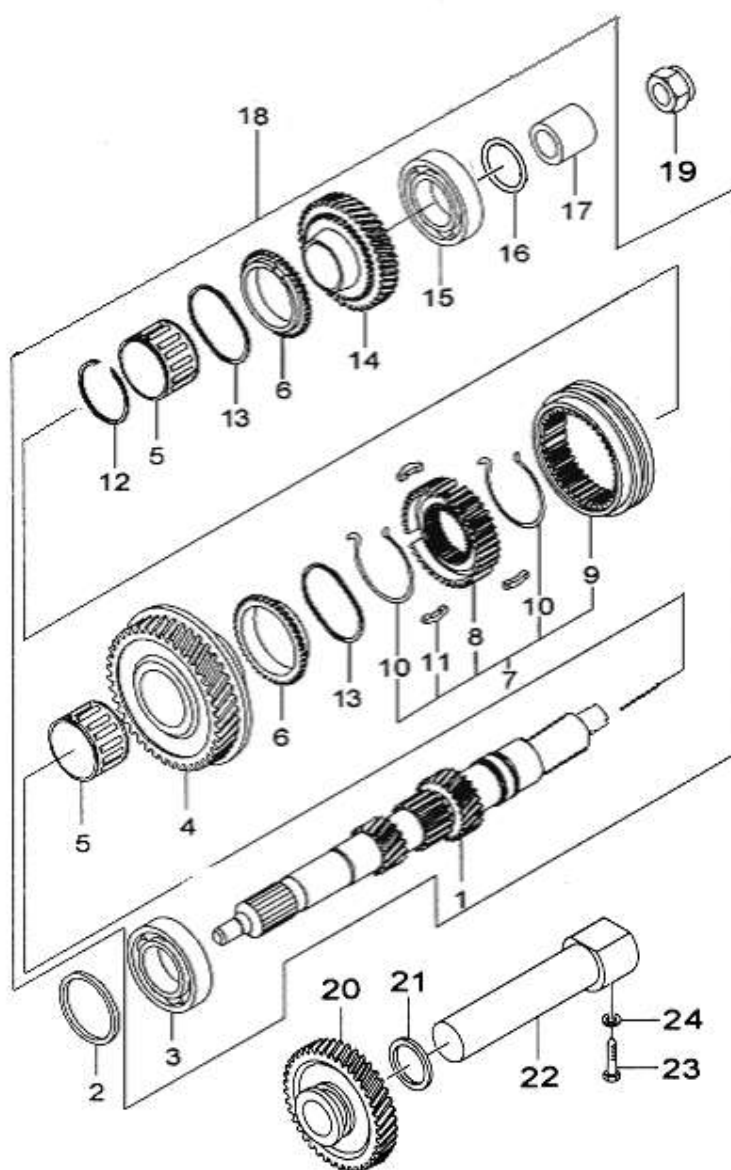
No	Part number	Name	Quantity
1	4T08A-1701401	COUNTERSHAFT	1
2	QR512-1701410	DRIVEN GEAR ASSY.FIRST GEAR	1
3	QR512-1701420	DRIVEN GEAR ASSY.SECOND GEAR	1
4	QR512-1701441	DRIVEN GEAR.THIRD GEAR	1
5	QR512-1701461	DRIVEN GEAR.FOURTH GEAR	1
6	5T07-1701610	BEARING.OUTPUT SHAFT.FRONT	1
7	5T07-1701240	NEEDLE BEARING.1ST GEAR&2ND GEAR	2
8	QR512-1701439	OUTER RING.SYNCHRONIZER.1ST GEAR&2ND GEAR	2
9	QR512-1701406	MID RING.SYNCHRONIZER.1ST GEAR&2ND GEAR	2
10	QR512-1701435	INNER RING.SYNCHRONIZER.1ST GEAR&2ND GEAR	2
11	QR512-1701430	SYNCHRONIZER.1ST GEAR&2ND GEAR	1

## 2.COUNTERSHAFT



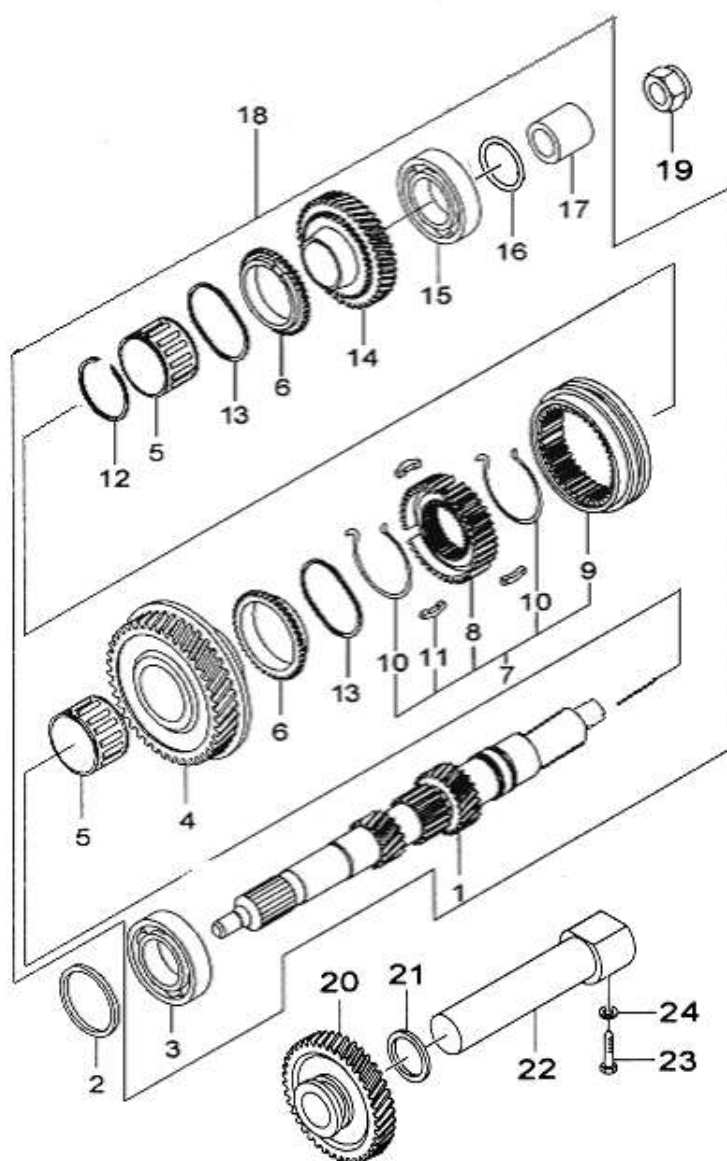
No	Part number	Name	Quantity
12	QR512-1701433	SPRING.SYNCHRONIZER.1ST GEAR&2ND GEAR	2
13	QR512-1701434	GEAR-HUB.SYNCHRONIZER.1ST GEAR&2ND GEAR	1
14	QR512-1701431	GEAR-SLEEVE.SYNCHRONIZER.1ST GEAR&2ND GEAR	1
15	QR512-1701432	GUIDE BLOCK.SYNCHRONIZER.1ST GEAR&2ND GEAR	3
16	5T07-1701205	RETAINER.SYNCHRONIZER.1ST GEAR&2ND GEAR	1
17	5T07-1701202	SPACER.3RD GEAR&4TH GEAR	1
18	5T07-1701250	REAR BEARING.OUTPUT SHAFT	1
19	QR512-1701187	ADJUSTING WASHER. REAR BEARING.OUTPUT SHAFT	Demand
20	4T08A-1701402	SLEEVE.COUNTERSHAFT	1
21	MQC4-1701219	NUT.COUNTERSHAFT	1
22	4T08A-1701400	COUNTERSHAFT ASSY	1

### 3.INPUT SHAFT ASSY



No	Part number	Name	Quantity
1	QR512-1701201	INPUT SHAFT	1
2	5T07-1701080	SEAL.INPUT SHAFT	1
3	4T08-1701130	BEARING 6204/YA/P63	1
4	QR512-1701240	DRIVE GEAR ASSY.3RD GEAR	1
5	5T07-1701150	NEEDLE BEARING.3RD GEAR&4TH GEAR	2
6	QR512-1701257	RING.SYNCHRONIZER.3RD GEAR&4TH GEAR&5TH GEAR	2
7	QR512-1701250	SYNCHRONIZER ASSY.3RD GEAR&4TH GEAR	1
8	QR512-1701252	GEAR-HUB.SYNCHRONIZER. 3RD GEAR&4TH GEAR	1
9	QR512-1701251	GEAR-SLEEVE.SYNCHRONIZER. 3RD GEAR&4TH GEAR	1
10	QR512-1701254	SPRING.SYNCHRONIZER.3RD GEAR&4TH GEAR&5TH GEAR	1
11	QR512-1701253	GUIDE BLOCK.SYNCHRONIZER. 3RD GEAR&4TH GEAR	3
12	5T07-1701103	RETAINER.SYNCHRONIZER. 3RD GEAR&4TH GEAR	1

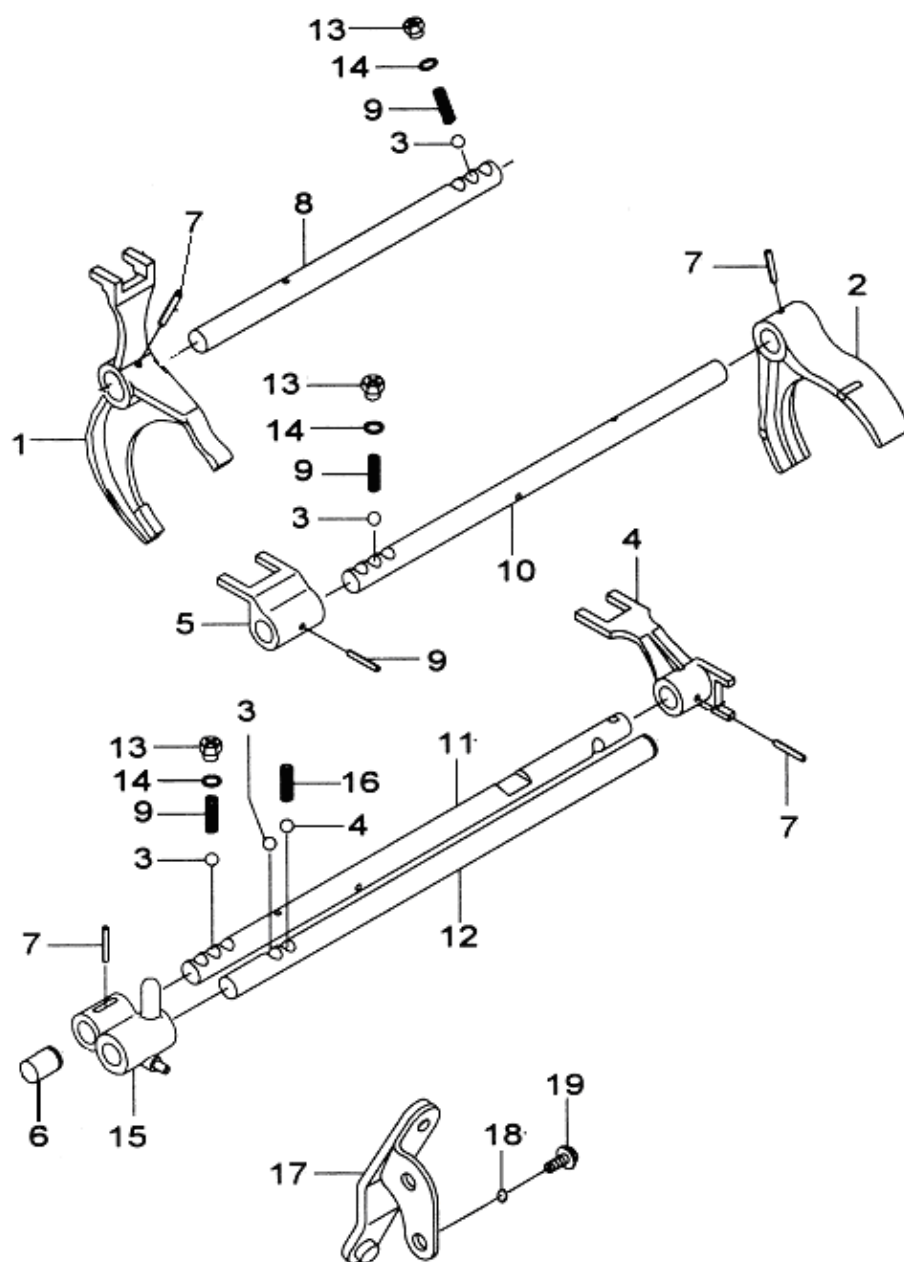
### 3.INPUT SHAFT ASSY



No	Part number	Name	Quantity
13	QR512-1701258	WAVEFORM WASHER RING.SYNCHRONIZER	2
14	QR512-1701260	DRIVING GEAR ASSY.4TH GEAR	1
15	5T07-1701110	BACK BEARING/INPUT SHAFT	1
16	QR512-1701287	ADJUSTING WASHER. BACK BEARING/INPUT SHAFT	Demand
17	4T08A-1701202	SLEEVE.INPUT SHAFT	1
18	QR512-1701200	INPUT SHAFT ASSY	1
19	QR512-1701298	NUT.SYNCHRONIZER.5TH GEAR	1
20	QR512-1701710	IDLE GEAR ASSY	1
21	5T07-1701053	RETAINER.REVERSING IDLE GEAR	1
22	5T07-1701061A	SHAFT.REVERSING IDLE GEAR	1
23	5T07-1701057A	BOLT.REVERSING IDLE GEAR	1
24	5T07-1701052	WAHSHER. REVERSE-GREAR SHAFT	1

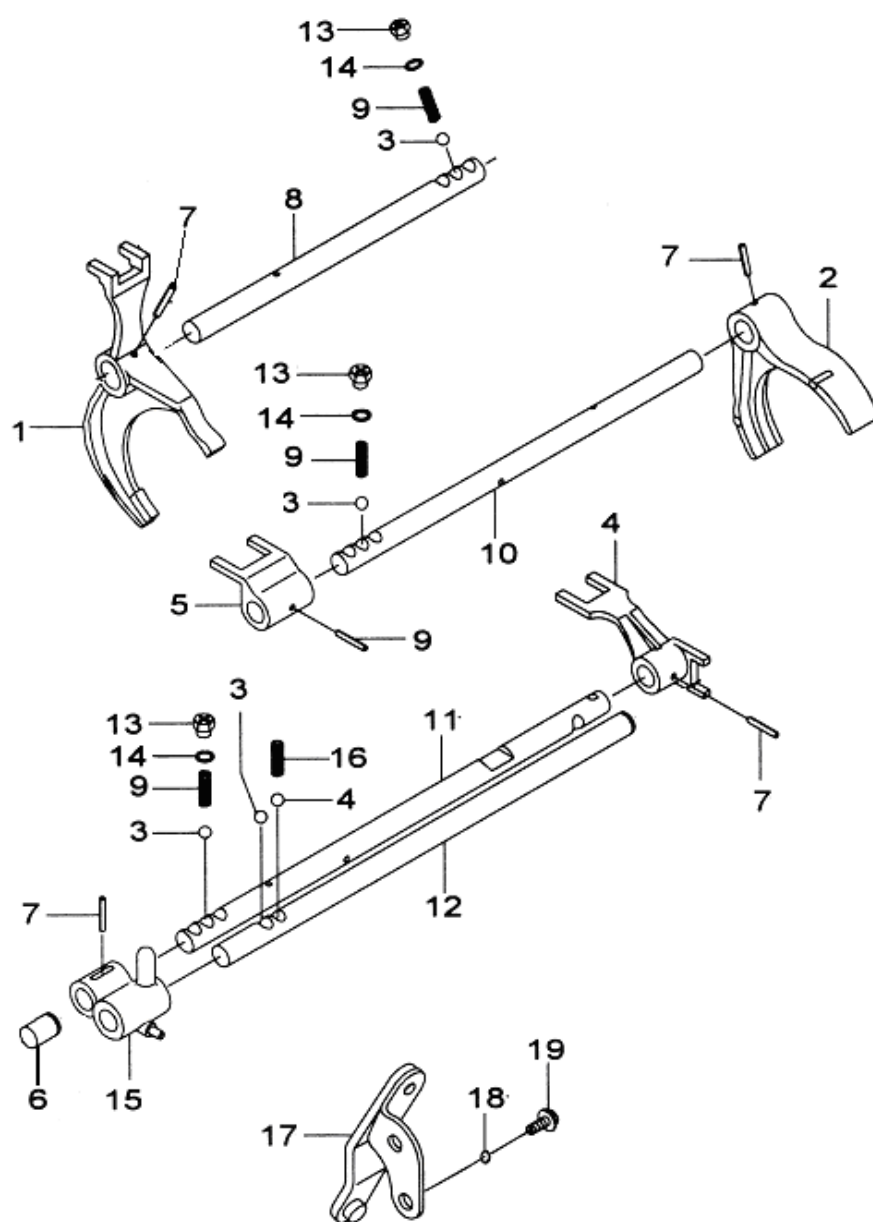


#### 4.SHIFT FORK& SHIFT- FORK SHAFT



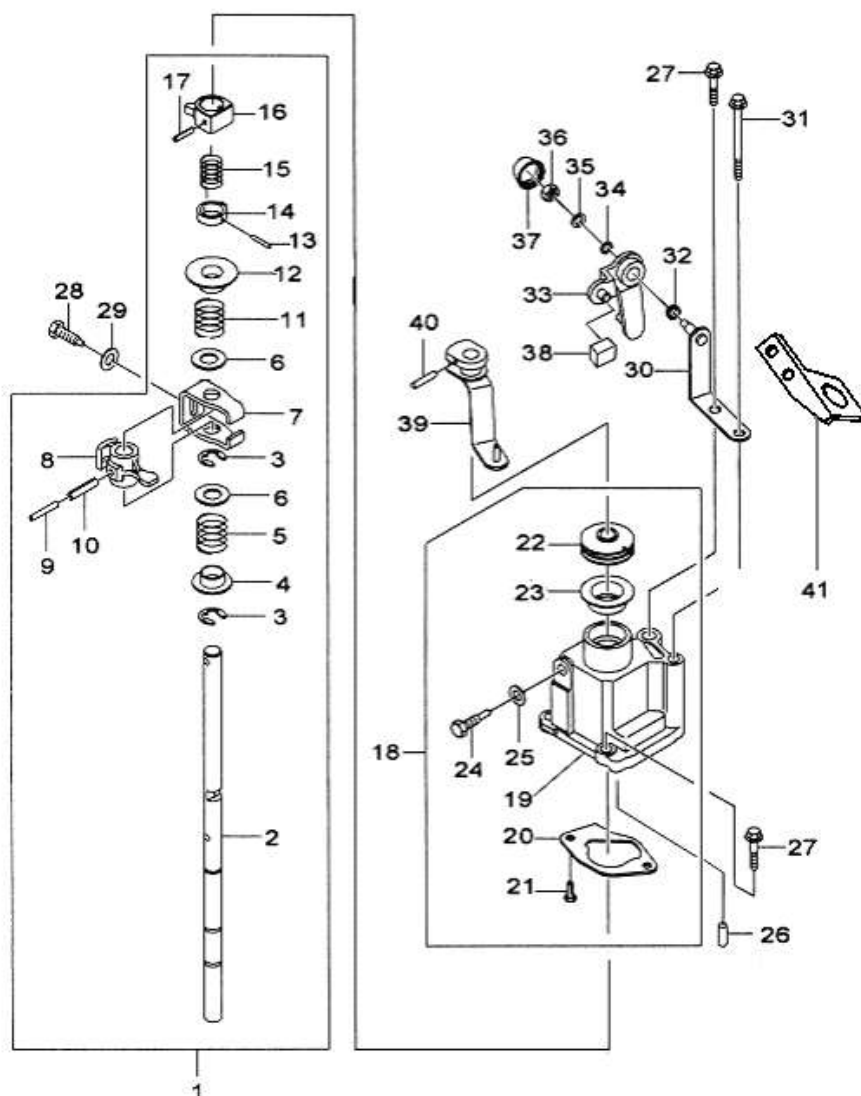
No	Part number	Name	Quantity
1	QR512-1702311	SHIFT FORK.1ST GEAR&2ND GEAR	1
2	5T07-1702041A	SHIFT FORK.3RD GEAR&4TH GEAR	1
3	GB/T308-2002	STELL BALL 7.9375	6
4	5T07-1702042A	SHIFT FORK.5TH GEAR	1
5	5T07-1702061A	SHIFT FORK.3RD GEAR&4TH GEAR	1
6	4T08A-1702042 A	STOP BLOCK	1
7	QR512-1702231	PIN 4.5X20	1
8	QR512-1702411	SHIFT-FORK SHAFT.1ST GEAR&2ND GEAR	1
9	5T07-1702067	SPRING.SHIFT SHAFT	3

#### 4.SHIFT FORK& SHIFT- FORK SHAFT



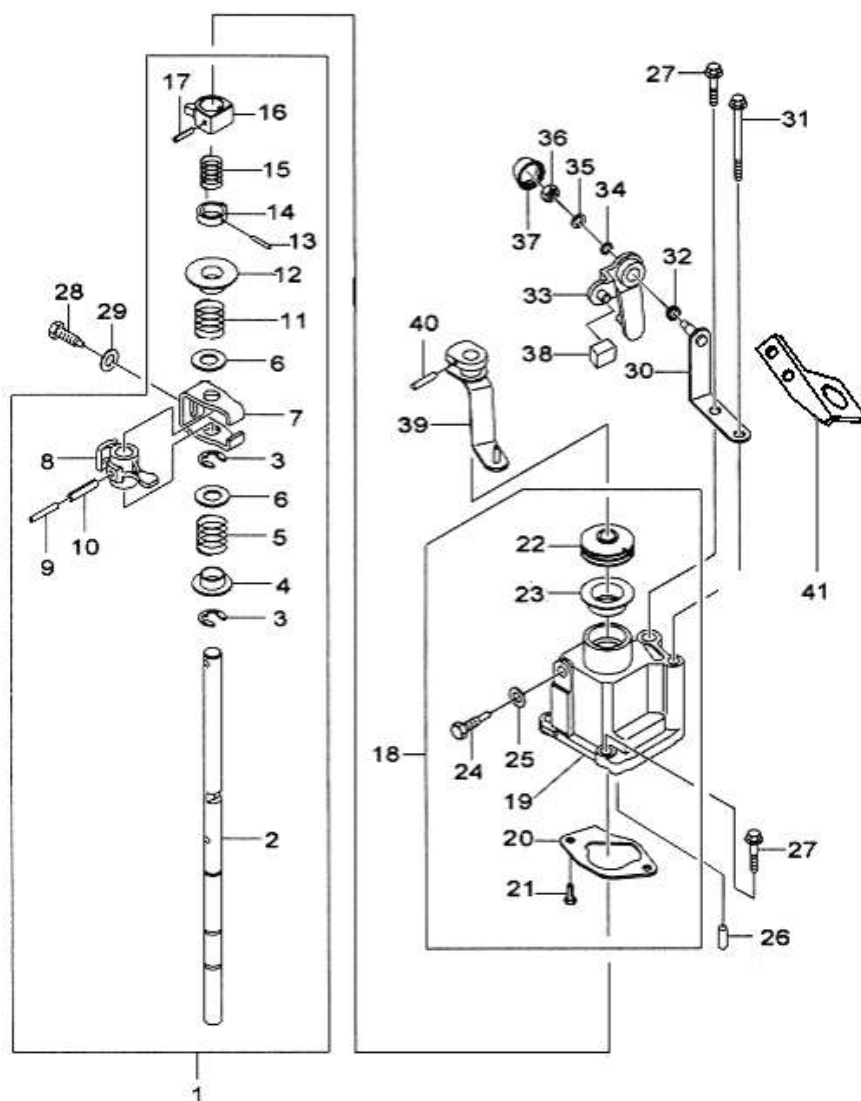
No	Part number	Name	Quantity
10	QR512-1701421	SHIFT SHAFT.3RD GEAR&4TH GEAR	1
11	QR512-1702431	SHAFT. SHIFT FORK.5TH GEAR	1
12	QR512-1702441	SHAFT. SHIFT FORK.REVERSE GEAR	1
13	5T07-1702234	SCREW PLUG.SHIFT-FORK SHAFT	3
14	5T07-1702233	WASHER. SCREW PLUG.SHIFT-FORK SHAFT	3
15	QR512-1702341	SHIFT-FORK PIN.REVERSE GEAR	1
16	5T07-1702068	SPRING.SHIFT BLOCK	1
17	5T07-1702050A	SHIFT ARM ASSY	1
18	GB/T93-1987	WASHER 8	2
19	5T07-1702232A	BOLT.SHIFT ARM	2

## 5.SHIFT CONTROL MACHANISM



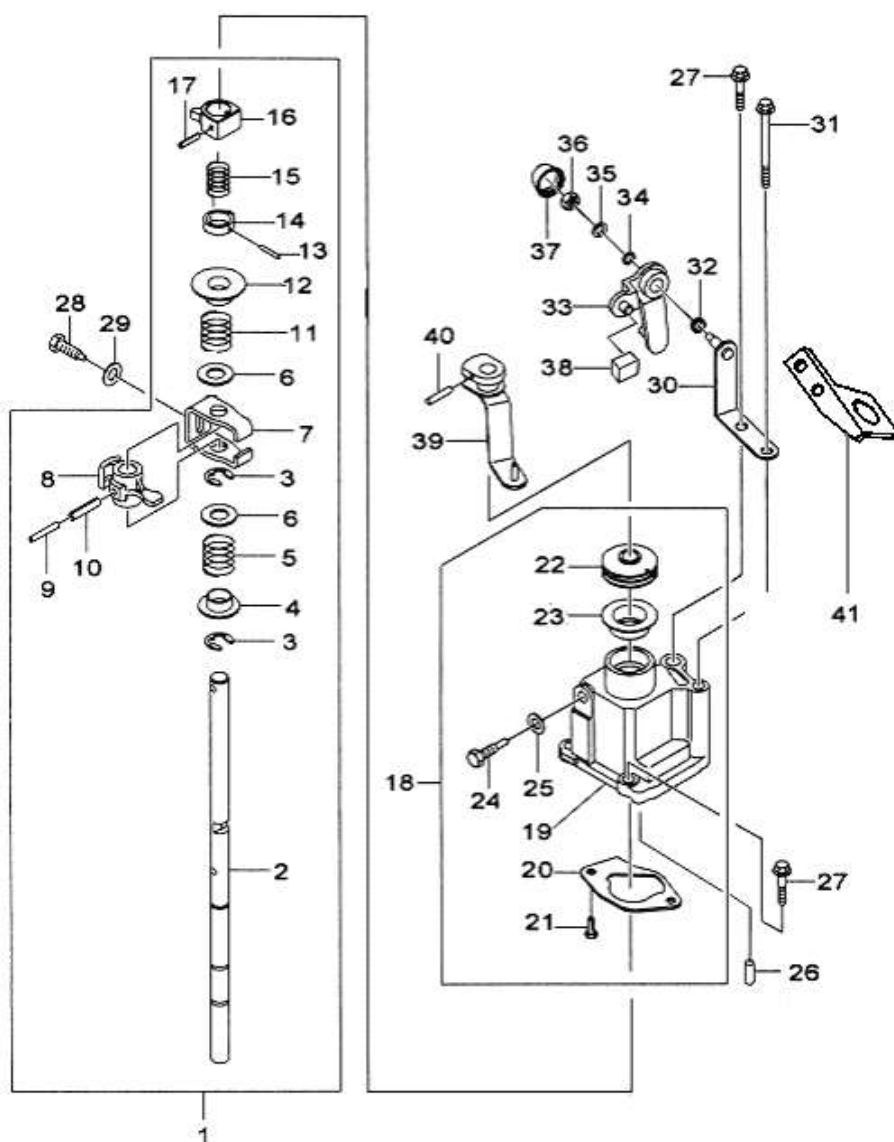
No	Part number	Name	Quantity
1	5T07-1702100A	SHIFT-SELECT SHAFT ASSY	1
2	5T07-1702101A	SHIFT-SELECTING SHAFT	1
3	QR512-1702214	SNAP RING.STOP PLATE.SHIFT INTERLOCK	3
4	5T07-1702102	RELEASE-SPRING SEAT.1ST GEAR&2ND GEAR	1
5	5T07-1702103	RELEASE-SPRING.1ST GEAR&2ND GEAR	1
6	5T07-1702104	SPRING-STOP PLATE	2
7	5T07-1702107A	STOP PLATE.SHIFT INTERLOCK	1
8	5T07-1702105A	SHIFT-SELECT ARM.	1
9	QR512-1702113	SPRING PIN 3.5X28	1
10	5T07-1702106	PIN.SHIFT-SELECT ARM.	1
11	5T07-1702114A	RELEASE-SPRING.5TH GEAR&REVERSE GEAR	1
12	5T07-1702112	RELEASE-SPRING SEAT.5TH GEAR&REVERSE GEAR	1
13	GB/T879.1-2000	PIN 3X22	1
14	5T07-1702108A	SPRING SEAT.REVERSE GEAR	1

## 5.SHIFT CONTROL MACHANISM



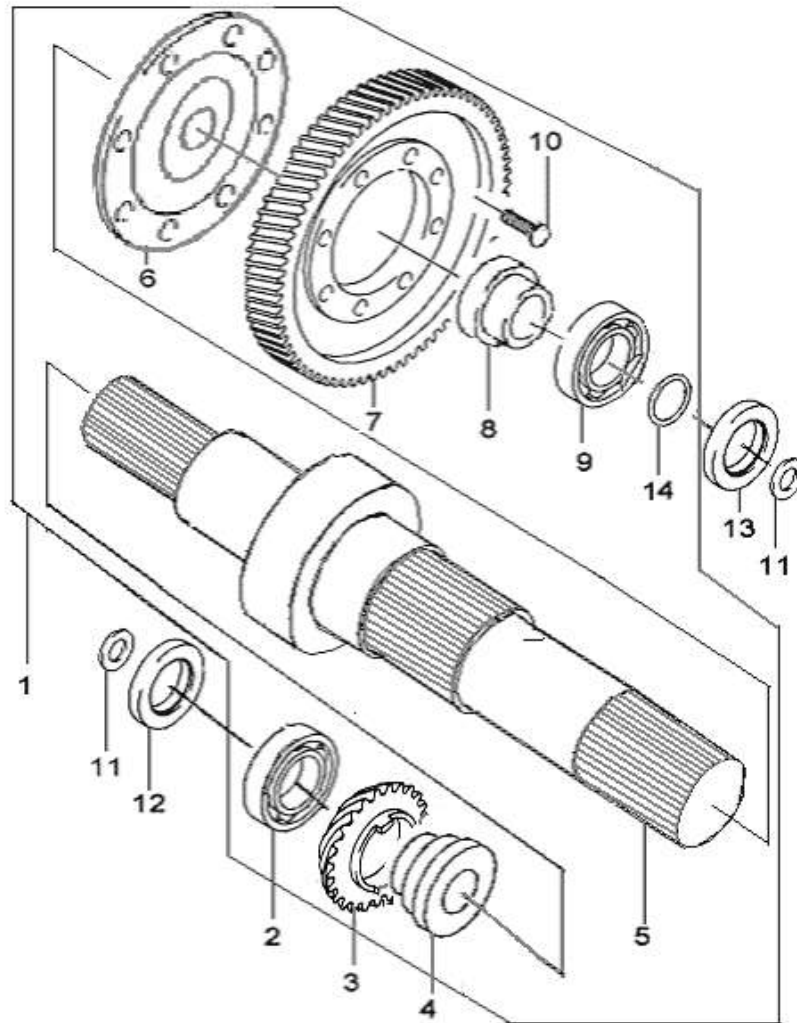
No	Part number	Name	Quantity
15	5T07-1702109A	LIMITING SPRING.REVERSE GEAR	1
16	QR512-1702111A	LIMITING CAM.REVERSE GEAR	1
17	GB/T879.1-2000	PIN 5X22	1
18	QR512-1702070	GUIDE CASE ASSY. SHIFT-SELECT SHAFT	1
19	QR512-1702071	GUIDE CASE. SHIFT-SELECT SHAFT	1
20	5T07-1702072	STOP PLATE.RELEASE SPRING.5TH@REVERSE	1
21	GB/T5789-1986	BOLT AM6X12	2
22	QR512-1702227	OIL SEAL.SHIFT-SELECT SHAFT	1
23	5T07-1702062	ANTI-DUST COVER. SHIFT-SELECT SHAFT	1
24	5T07-1702073	LIMITING BOLT.REVERSE GEAR	1
25	QR512-1702229	WASHER.LIMITING BOLT.REVERSE GEAR	1
26	GB/T119-2000	PIN B 6X12	2
27	GB/T5789-1986	BOLT AM 8X25	4
28	5T07-1702065A	LIMITING BOLT.SHIFT	1

## 5.SHIFT CONTROL MACHANISM



No	Part number	Name	Quantity
29	QR512-1702229	WASHER.STOP SCREW.REVERSE GEAR	1
30	5T07-1702220	SUPPORT ASSY.SHIFT ARM	1
31	GB/T5789-1986	BOLT AM 8X80	1
32	5T07-1702047	ANTI-DUST WASHER.SHIFT ARM	1
33	5T07-1702210	SHIFT ARM.COMP	1
34	5T07-1702045	SMALL WASHER.SHIFT ARM	1
35	5T07-1702046	BIG WASHER.SHIFT ARM	1
36	GB/T6170-2000	NUT M8	1
37	5T07-1702062	ANTI-DUST COVER.SHIFT-SELECT SHAFT	1
38	5T07-1702063	PUSHING BLOCK.SHIFT	1
39	5T07-1702210	SHIFT ARM COMP	1
40	GB/T879.1-2000	PIN 5X28	1
41	QR512-1701656	LIFTING HOOK	1

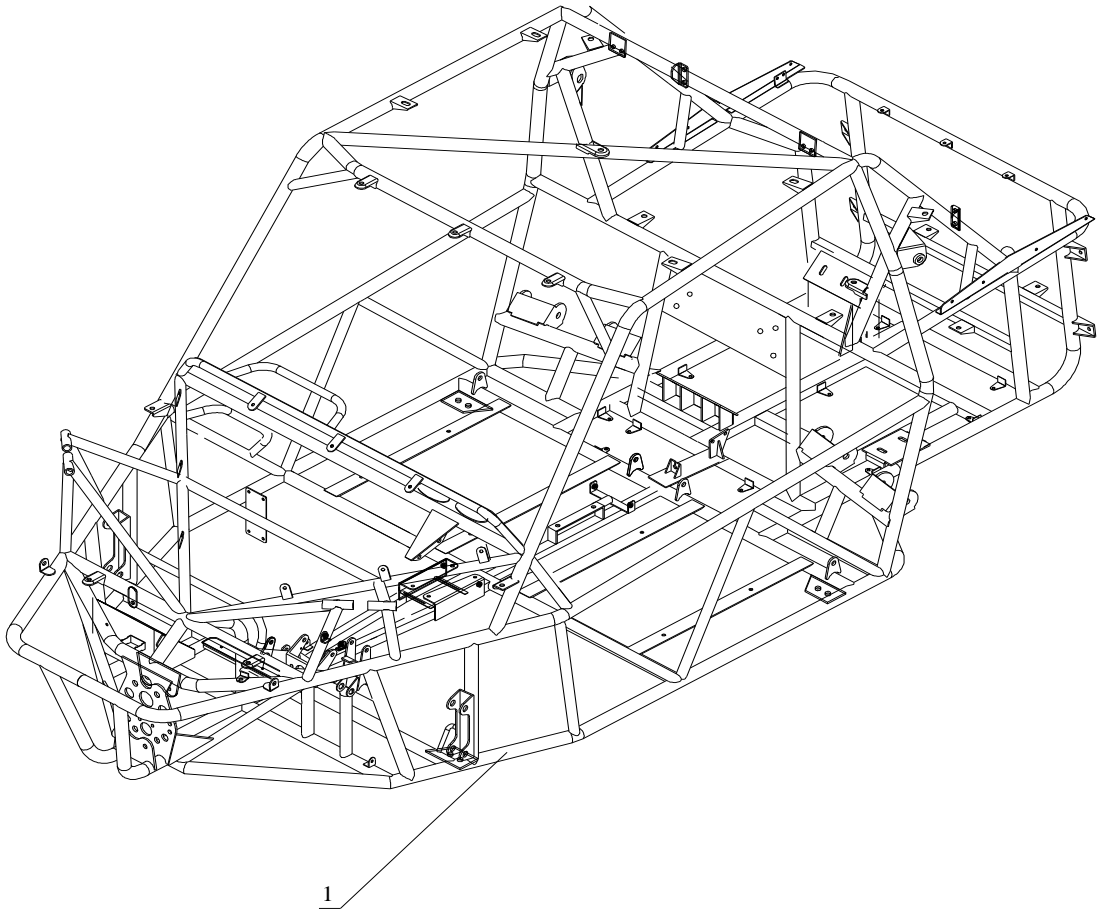
## 6.DRIVEN GEAR ASSY.SPEED REDUCER



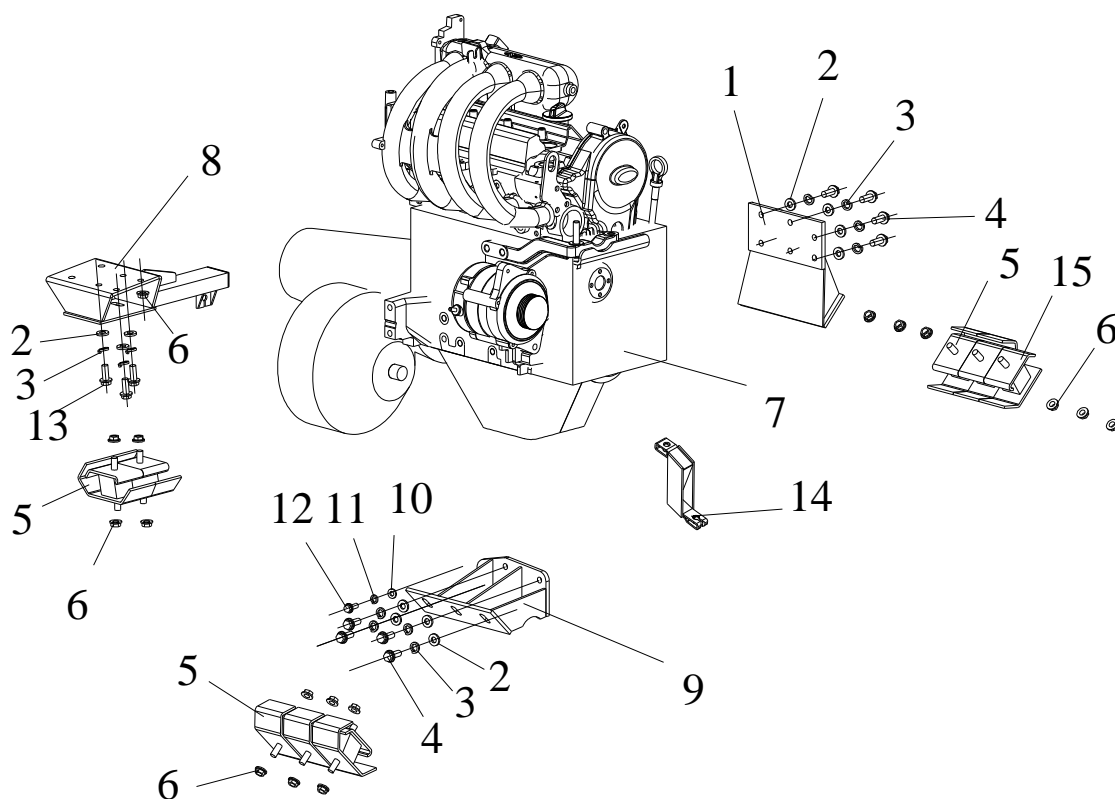
No	Part number	Name	Quantity
1	4T08A-1701600	DRIVEN GEAR ASSY.SPEED REDUCER	1
2	5T07-1701310	FRONT BEARING.DIFFERENTIAL	1
3	QR512-1701604	DRIVING GEAR.ODOMETER	1
4	4T08A-1701602	FRONT BEARING.OUTPUT SHAFT	1
5	4T08A-1701601	OUTPUT SHAFT	1
6	4T08A-1701603	CONNECTING DISC	1
7	4T08A-1701604	DRIVEN GEAR.SPEED REDUCER	1
8	4T08A-1701605	REAR BEARING.OUTPUT SHAFT	1
9	5T07-1701320	REAR BEARING.DIFFERENTIAL	1
10	5T07-1701309	FLANGE BOLT	8
11	MQC4-2303016	RETAINER RING	2
12	5T07-1701090	RIGHT SEAL ASSY.DIFFERENTIAL	1
13	5T07-1701010	LEFT SEAL ASSY.DIFFERENTIAL	1
14	QR512-1701605	ADJUSTING WASHER. RIGHT SEAL ASSY.DIFFERENTIAL	Demand



## 4. CHASSIS

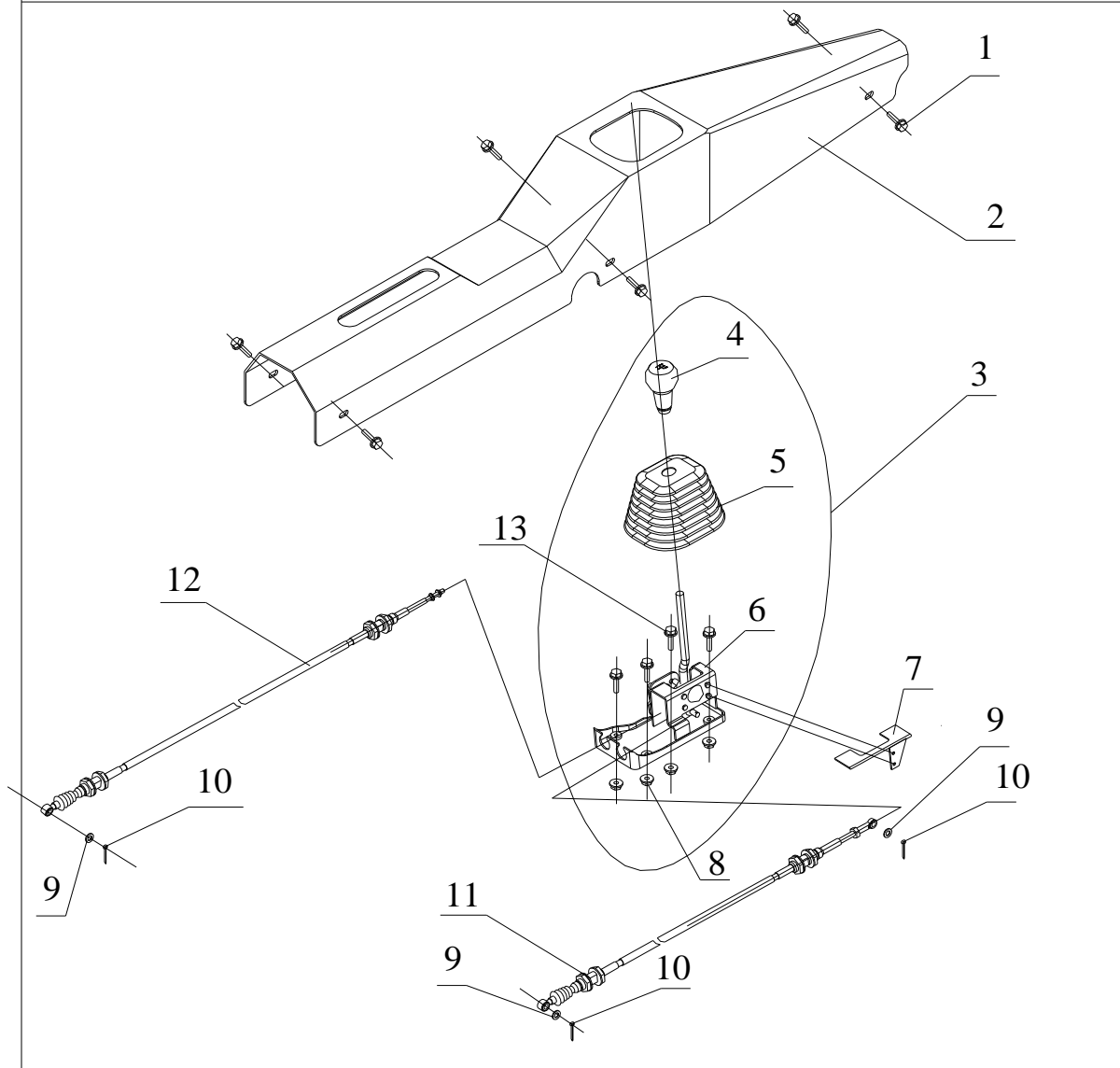
Frame			
			
No.	Code name	Description	Q'ty
1	SV1100.01.00.00.00	Frame component	1

## Engine mount assy



No.	P/N	ENGLISH	Q'ty
1	SV800.04.01.02.00	front engine mount	1
2	95-WΦ10	washer ? 10( 11*20*2)	13
3	93-SWΦ10	spring washer ? 10	13
4	5787-M10*1.5*30	bolt-washer M10*1.5*30	10
5	D650.04.01.00.01	engine rubber bumper	7
6	6177.1-M10X1.25	nut-washer M10x1.25	17
7	SV1100.04.01.05.00	engine(472)	1
8	SV800.04.01.03.00	left engine mount	1
9	SV1100.04.01.04.00	rear engine mount	1
10	95-WΦ8	washer ? 8	1
11	93-SWΦ8	spring washer ? 8	1
12	5787-M8*30	bolt-washer M8*30	1
13	5787-M10*1.25*30	bolt-washer M10*1.25*30	3
14	SV800.04.01.06.00	Clutch action arm	1
15	D650.04.01.00.01A	small engine rubber bumper	1

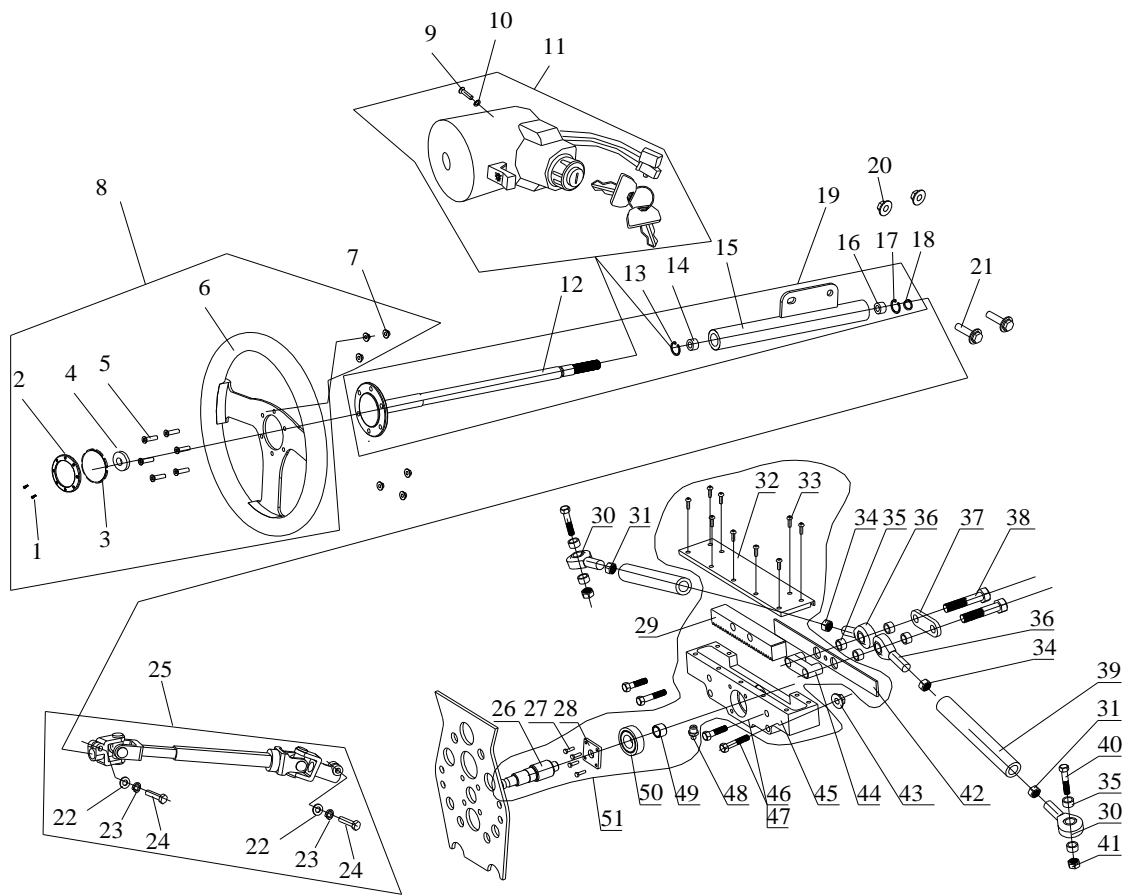
## Gear-shift mechanism



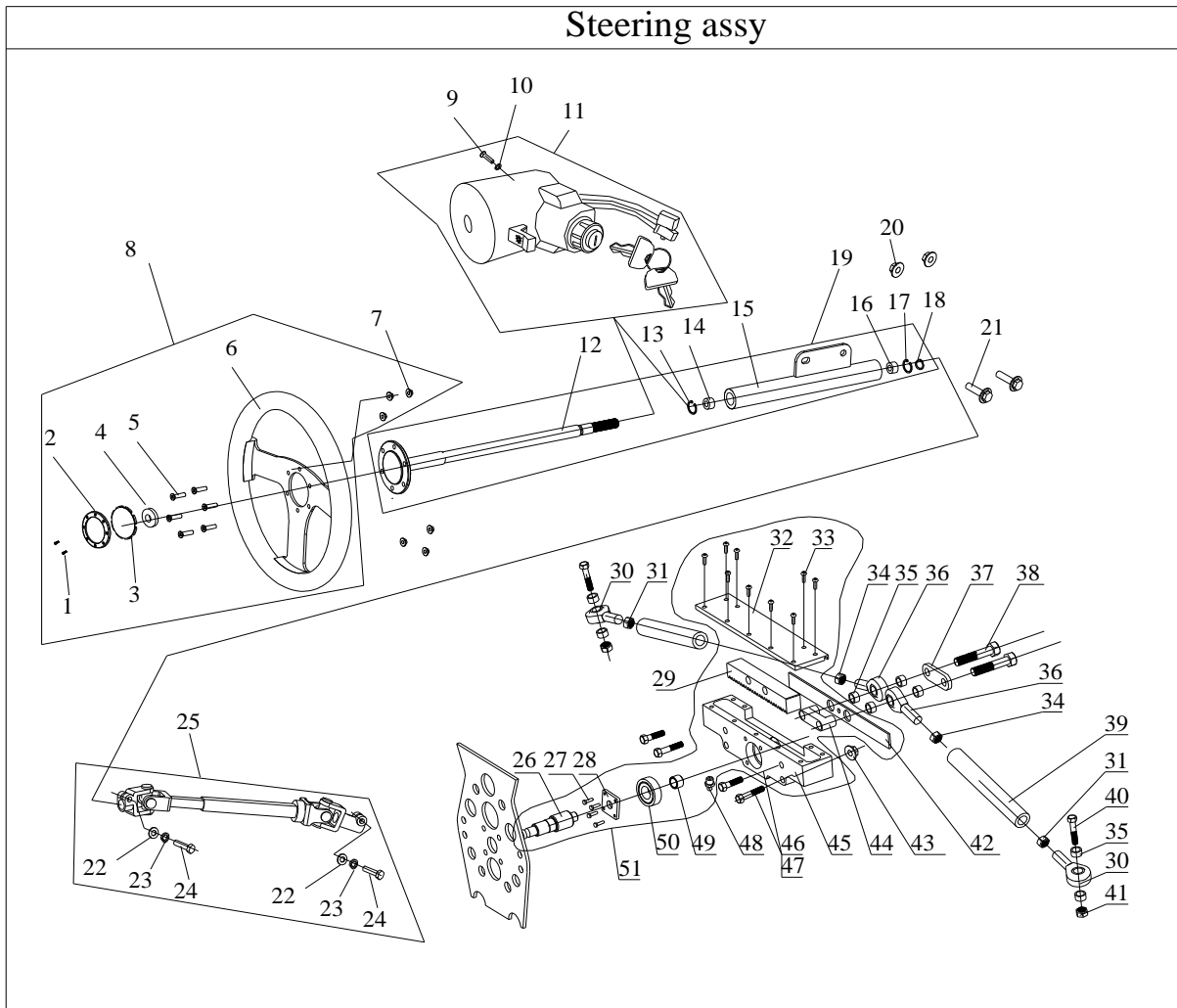
No.	Code name	Description	Q'ty
1	5787-M6*12	M6*12 bolt	6
2	SV800.05.02.00.01A	plastic cover	1
3	S650.05.02.01.00	shifter control assembly	1
4	S650.05.02.01.01	rubber shifter indication	1
5	S650.05.02.01.02	rubber shifter cover	1
6	S650.05.02.01.03	control framework	1
7	SV800.04.01.04.05	orientation metal sheet	1
8	6170-M6	M6 nut(m=5.2)	4
9	848-WΦ8	washer ? 8(? 8.4*? 15*1.6)	3
10	91-PΦ2*25	cotter pin ? 2*25	3
11	SV800.05.02.03.00	shifter soft shaft 2	1
12	SV800.05.02.02.00	shifter soft shaft 1	1
13	5787-M6X25	M6x25 bolt	4

Steering assy			
<p>The diagram shows an exploded view of a steering assembly. Key components include a steering wheel subassembly (8) with a steering wheel (6), a steering column housing (15), and an integrated ignition switch (11). Various bolts, nuts, washers, and bearings are shown in their respective assembly positions. Callouts 1-51 identify specific parts and fasteners.</p>			
No.	Code name	Description	Q'ty
1	70-M4*16	bolt M4*16	2
2	DI250.03.01.00.01	plastic cover	1
3	DI250.03.01.00.02	rubber cover	1
4	DI250.03.00.00.02	rubber block	1
5	818-M6*20	M6*20 screw	6
6	DI250.03.01.00.03	steering wheel	1
7	6177.1-M6	M6 self-locking nut	6
8	DI250.03.01.00.00	steering wheel subassembly	1
9	819.1-M6*10	bolt M6*10	1
10	6172.1-Φ6	? 6 spring shim	1
11	N650.06.00.18.00	integrated ignition switch	1
12	D800.05.01.01.01	steering wheel shaft	1
13	893.2-CΦ26	circlip ? 26, internal	1
14	276-B61902	61902 bearing	1
15	D800.05.01.01.02	steering column housing	1
16	276-B61803	61803 bearing	1
17	893.2-CΦ28	circlip ? 28, internal	1

## Steering assy

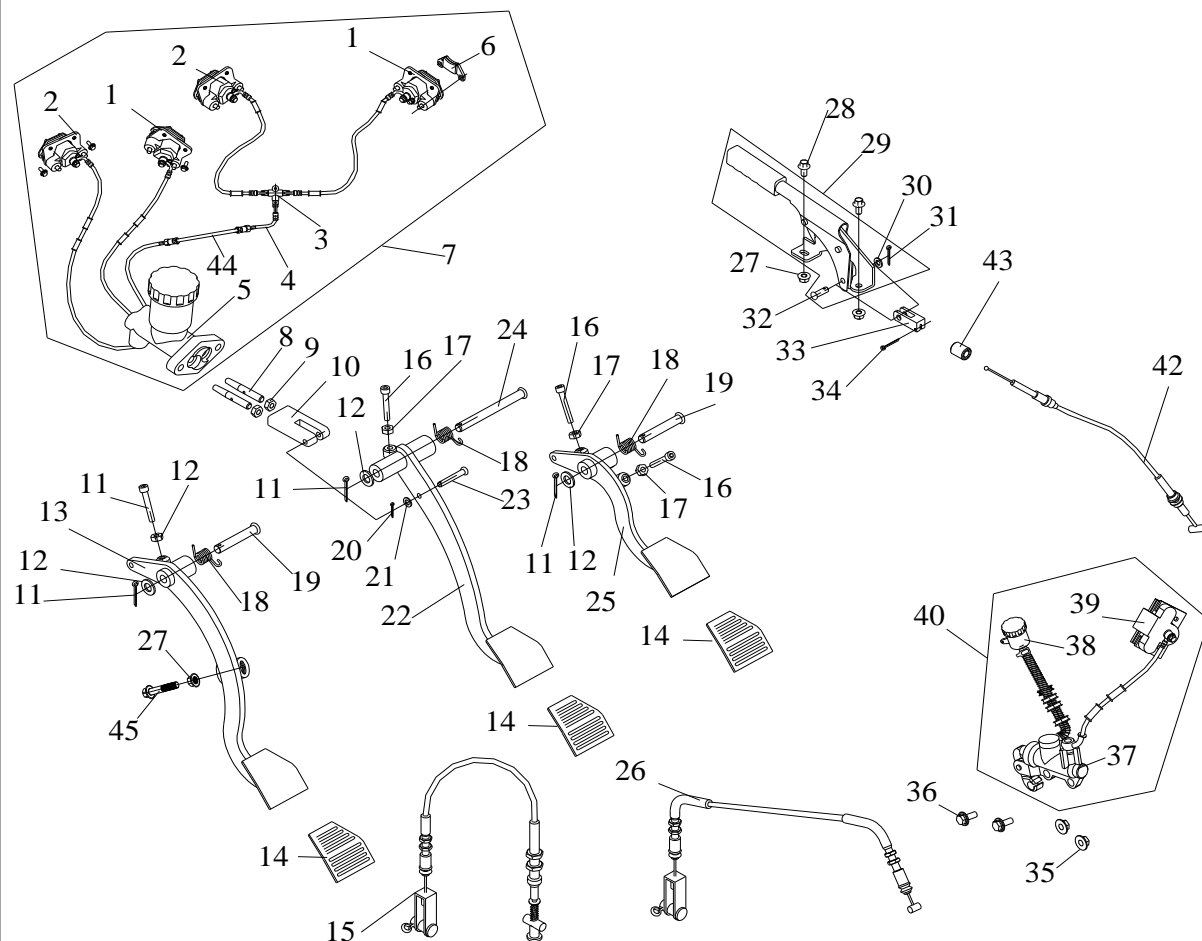


No.	Code name	Description	Q'ty
18	894.1-CΦ15	? 15, external circlip	1
19	D800.05.01.01.00	steering column assy	1
20	6177.1-M10*1.25	M10*1.25 nut	2
21	5787-M10*1.25*25	M10*1.25*25 bolt	2
22	96-WΦ8	? 8 washer(8.4*24*2)	2
23	93-Φ8	? 8 spring shim	2
24	5782-M8*25	M8*25 bolt	2
25	D800.05.01.02.00	steering universal rod	1
26	D800.05.01.03.02	steering gear shaft	1
27	5787-M8*20	M8*20 bolt	4
28	D800.05.01.03.05	bearing cover	1
29	D800.05.01.03.04	gear rack	1
30	D800.05.01.00.01	rod end bearingPOSA12LH	2
31	6172.1-M12*1.75	jam nut M12*1.75LH	2
32	D800.05.01.03.03	capping plate	1
33	2672-M6*12	socket head screw M6*12	9
34	6172.1-M12*1.75	jam nut M12*1.75	2



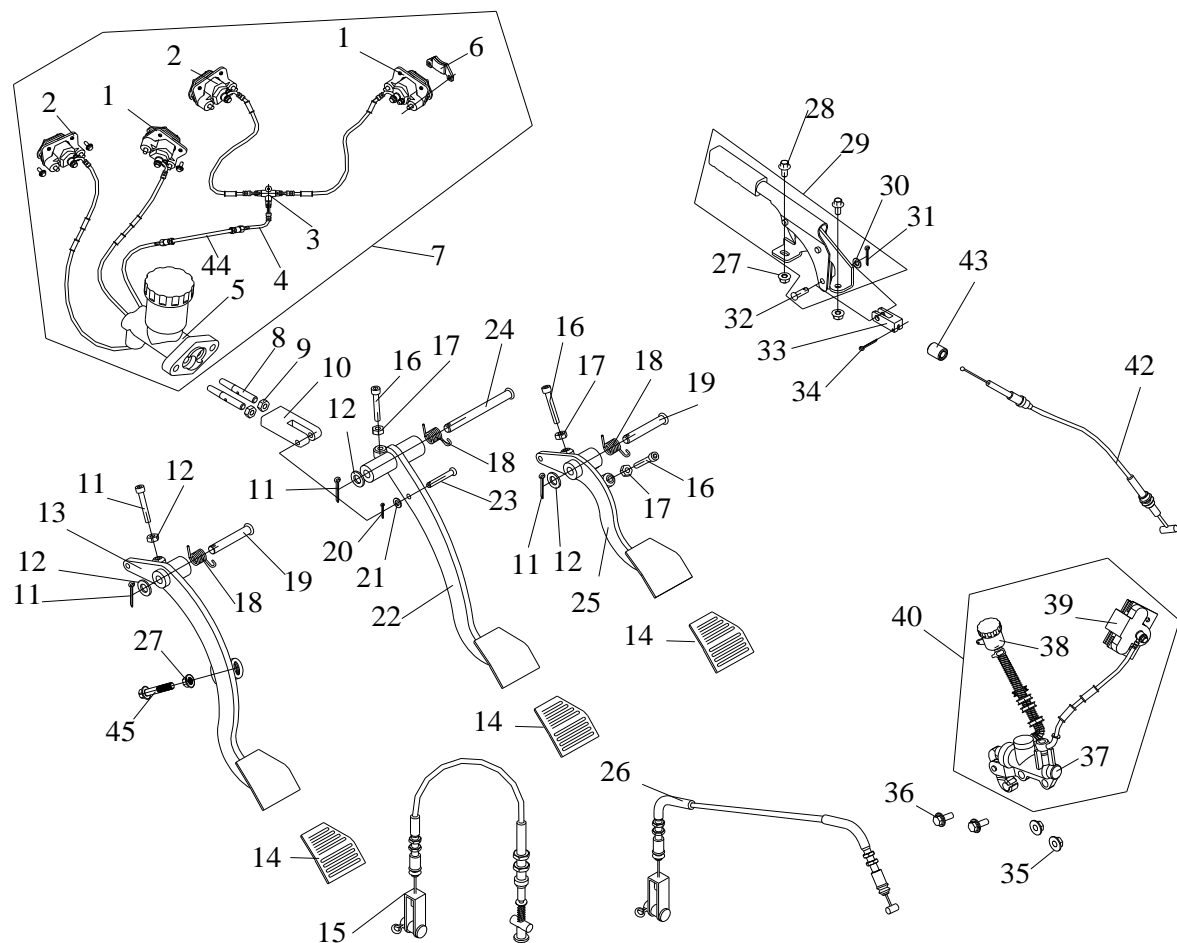
No.	Code name	Description	Q'ty
35	D800.05.01.00.03	spacer sleeve	4
36	D800.05.01.00.02	rod end bearingPOSA12	2
37	D800.05.01.00.04	baffle plate	1
38	5782-M12*1.25*80	M12*1.25*80 bolt	2
39	D800.05.01.04.00	steering cross rod	2
40	5787-M12*1.5*60	M12*1.5*60 bolt	2
41	6177.1-M12X1.5	M12x1.5 nut	2
42	D800.05.01.03.07	dust guard plate	1
43	6177.1-M10*1.25	M10*1.25 nut	2
44	D800.05.01.03.06	bracket	1
45	D800.05.01.03.01	socket	1
46	5787-M10*1.5*10	bolt M10*1.5*10	2
47	5787-M10*1.25*75	bolt M10*1.25*75	2
48	D800.05.01.03.08	adding oil screw	1
49	D800.05.01.03.10	oiliness bearing 14c7*18*12	1
50	D800.05.01.03.09	ball bearing 20*42*12	1
51	D800.05.01.03.00	steering gear box	1

## Throttle and park assy



No.	Code name	Description	Q' ty
1	SV800.07.01.01.01	disc brake with floating caliper,front	2
2	SV800.07.01.01.02	disc brake with floating caliper,rear	2
3	D650.07.01.01.01	hydraulic threeway valve	1
4	SV800.07.01.01.04	hydraulic brake hose	1
5	D650.07.01.01.02	hydraulic master cylinder	1
6	SV800.07.01.01.03	hydraulic brake pads	8
7	SV800.07.01.01.00	four caliper hydraulic brake assy	1
8	D650.07.01.00.04	pushing bar	2
9	6172.1-M8	M8 nut	2
10	D650.07.01.00.03	push rod holder	1
11	91-P3.2*30	cotter pin 3.2*30	3
12	95-WΦ10	? 10 washer(? 10.5*? 18*? 1.6)	3
13	SV1100.07.04.02.00	clutch pedal	1
14	D650.07.01.00.05	pedal rubber cover	3
15	SV800.07.04.01.00	cable, clutch	1

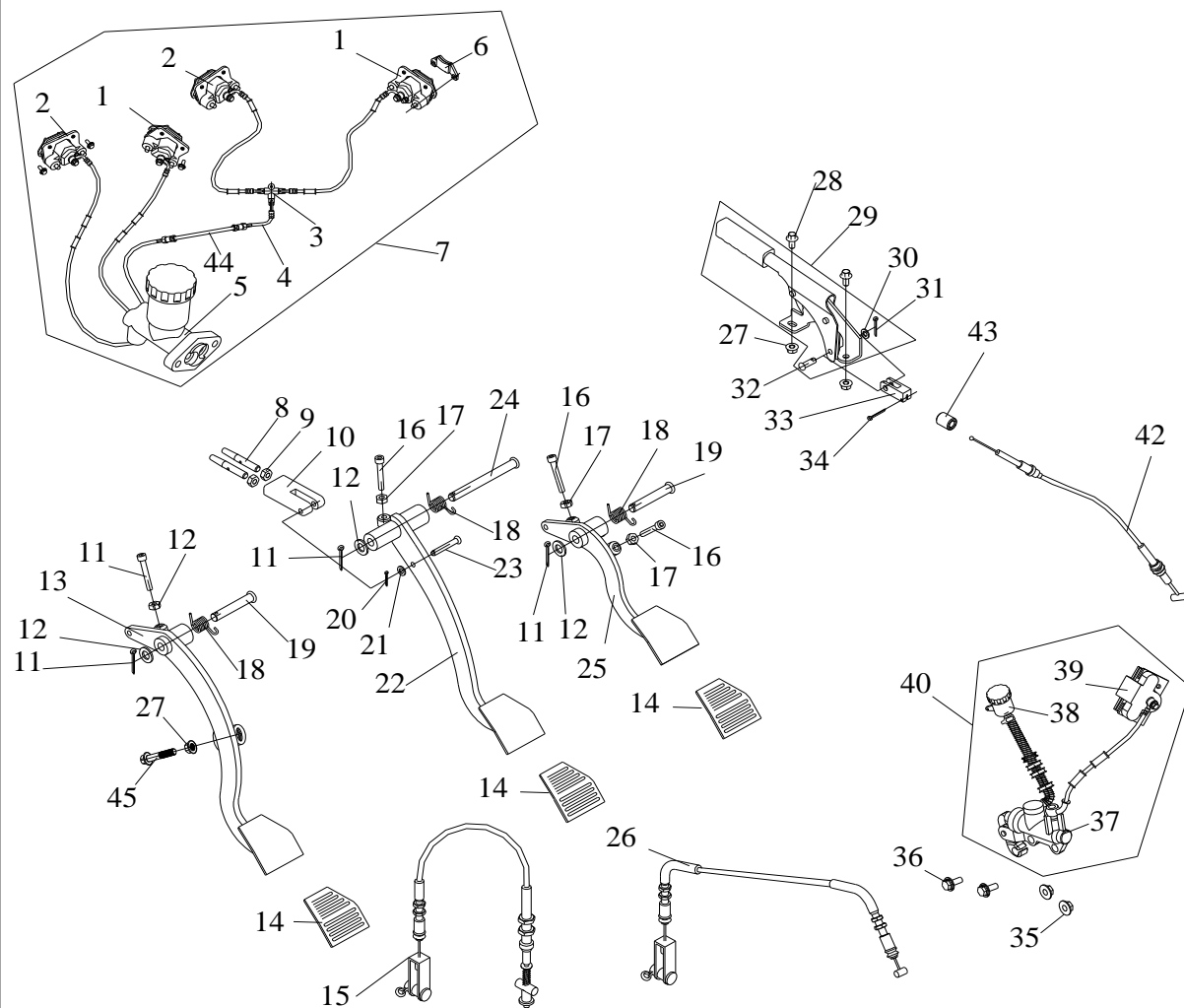
## Throttle and park assy



No.	Code name	Description	Q'ty
16	70.1-M6*55	M6*55 socket head bolt	4
17	6170-M6	M6 nut(m=5.2)	4
18	D250.10.003	spring	3
19	D650.07.03.00.01	? 10*60 pin roll	2
20	91-PΦ2*25	cotter pin ? 2*25	1
21	95-WΦ6	? 6 washer	1
22	D800.07.01.02.00	brake bar	1
23	D650.07.01.00.01	? 6*40 pin roll	1
24	D650.07.01.00.02	? 10*105 pin roll	1
25	D800.07.03.02.00	throttle pedal	1
26	SV1100.07.03.01.00	throttle cable	1
27	6177.1-M8	M8 nut	3
28	5787-M8*20	M8*20 bolt	2
29	D650.07.02.01.00	park assy	1
30	848-WΦ8	? 8 washer	1

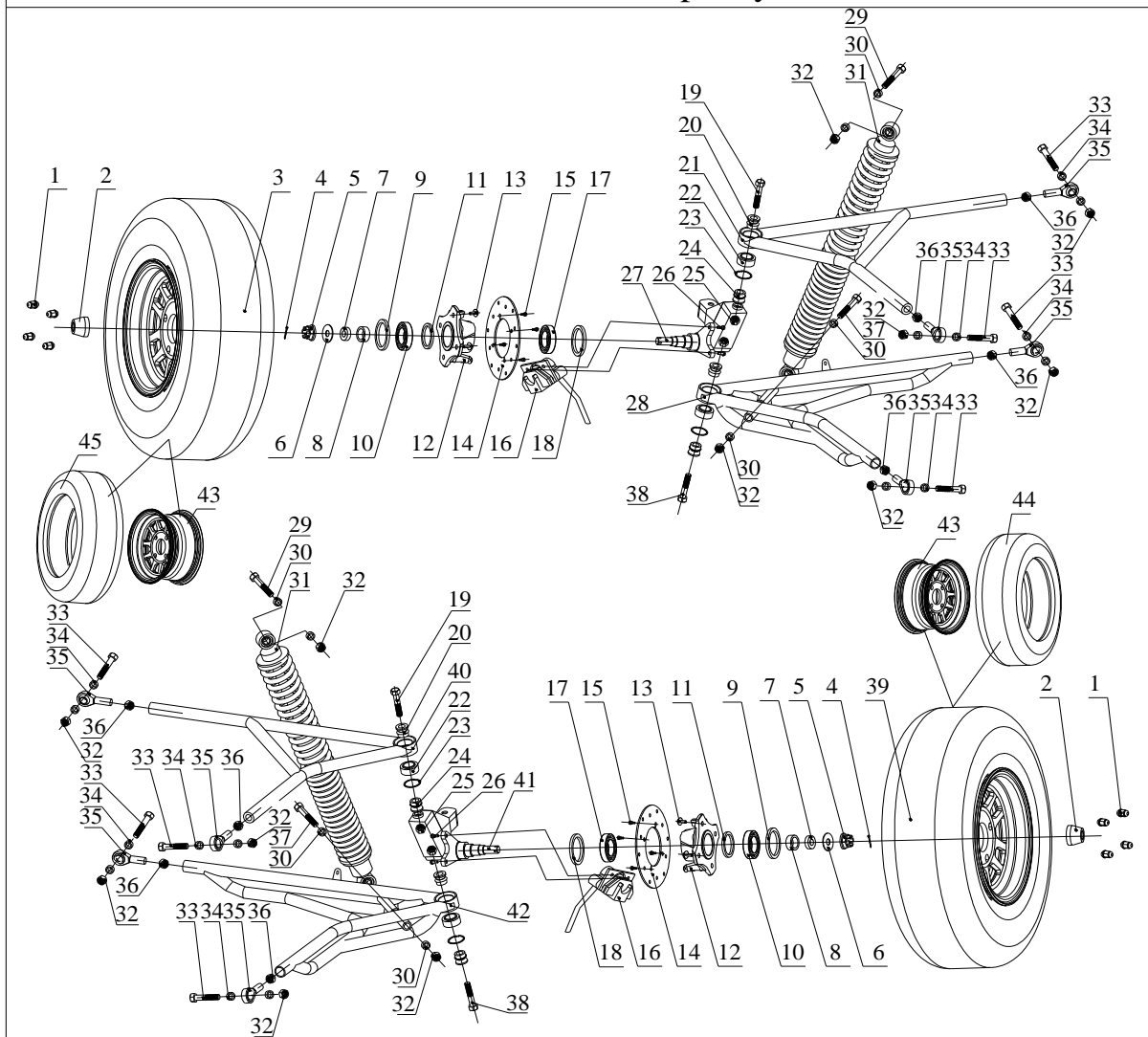


## Throttle and park assy



No.	Code name	Description	Q' ty
31	91-P3.2*30	cotter pin 3.2*30	1
32	D650.07.02.01.01	axle 8*24	1
33	D650.07.02.00.01	parking brake connection	1
34	91-P3.2*30	cotter pin 3.2*30	1
35	D650.07.02.02.00	M8 self-locking nut	2
36	D650.07.02.00.02	bolt-washer M8*30	2
37	D650.07.02.03.03	single hydraulic pump	1
38	D650.07.02.03.02	single hydraulic oil cup	1
39	D650.07.02.03.01	single hydraulic caliper	1
40	MV800.07.02.03.00	single hydraulic park brake assy	1
42	MV800.07.02.02.00	park brake cable	1
43	D800.07.02.00.01	steel bush	1
44	SV800.07.01.01.05	copper braking hose	1
45	5787-M8X55	flange bolt m8x55	1

# Front susp assy

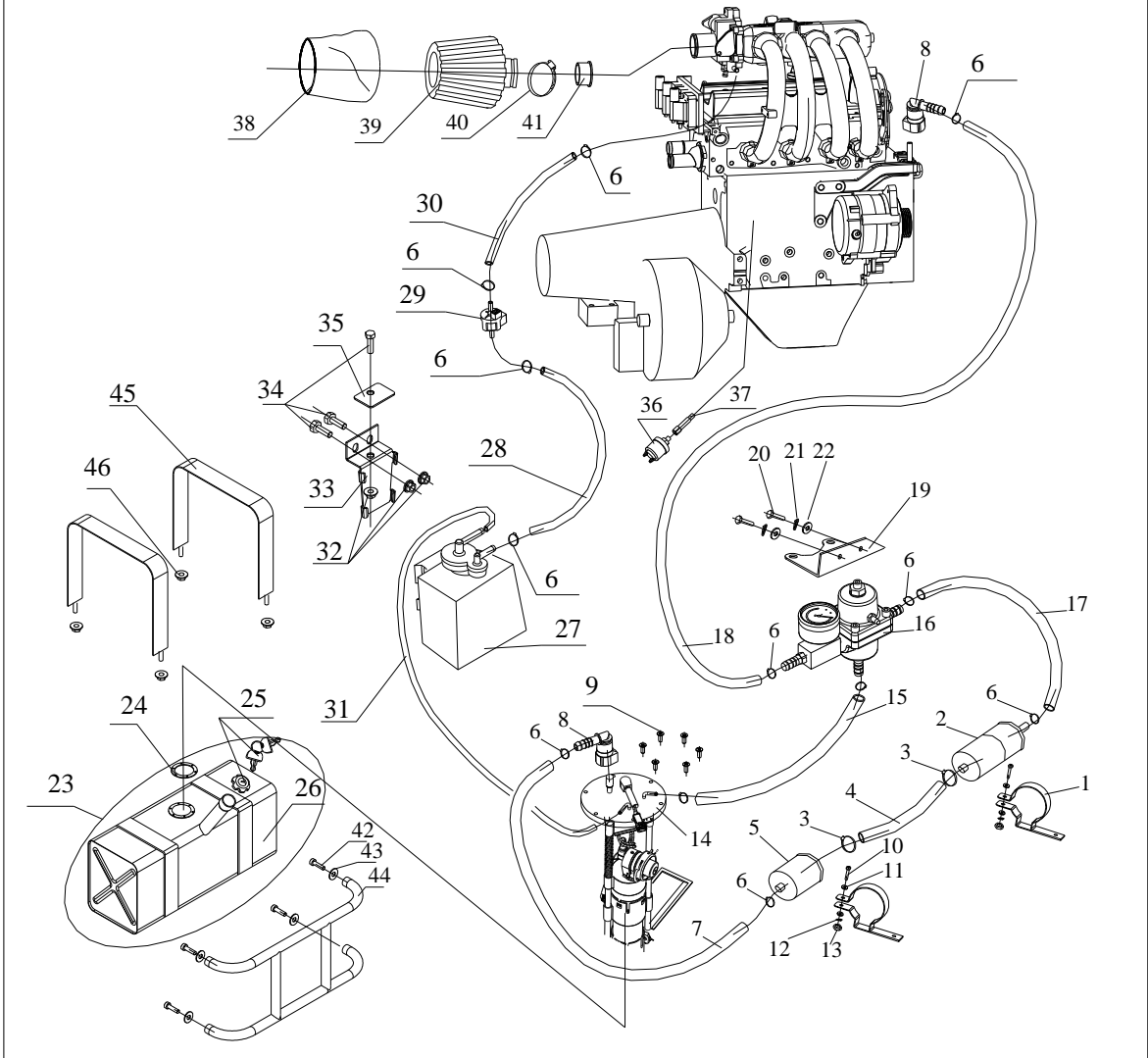


No.	Code name	Description	Q'ty
1	S650.03.02.00.02	M12*1.5 wheel nut	8
2	JD0360010	rubber dirt-proof boot	2
3	D650.03.01.01.00H(F938)	left wheel(25*8-12)	1
4	91-P	cotter pin	2
5	9457-M18X1.5	castle nutM18X1.5	2
6	D800.03.01.00.10	washer	2
7	D650.03.01.00.08	spacer sleeve	2
8	D800.03.01.00.07	axle bush	2
9	D800.03.01.00.08	30*52*8 grease seal	2
10	D800.03.01.00.04	ball bearing 25X52X15	2
11	D800.03.01.00.06	spacer sleeve	2
12	D800.03.01.00.01A	front hub	2
13	D650.03.02.00.03A	knurled screw M12*1.5	8
14	D650.03.02.00.05	brake disk	2
15	D650.03.02.00.08	M6 bolt	8

Front susp assy			
No.	Code name	Description	Q'ty
16	SV800.07.01.01.01	brake calliper	1
17	D800.03.01.00.05	30*62*16 ball bearing	2
18	D800.03.01.00.09	40x62x7 grease seal	2
19	5782-M16*2*85	M16*2*85 bolt	2
20	D800.02.01.00.02	bushing	8
21	D800.02.01.02.00	upper suspension arm,left	1
22	D800.02.01.00.01	radial bearing	4
23	893.2-C	circlip	4
24	D800.02.01.00.02	bushing	8
25	6185.1-M16*2	M16*2 nut	4
26	5787-M8*20	M8*20 bolt	4
27	D800.03.01.00.02A	front axle left wheel	1
28	D800.02.01.01.00	lower suspension arm,left	1
29	5782-M15*1.5*190	M15*1.5*190 bolt	2
30	D800.02.03.00.03	front spacer shock sleeve	8

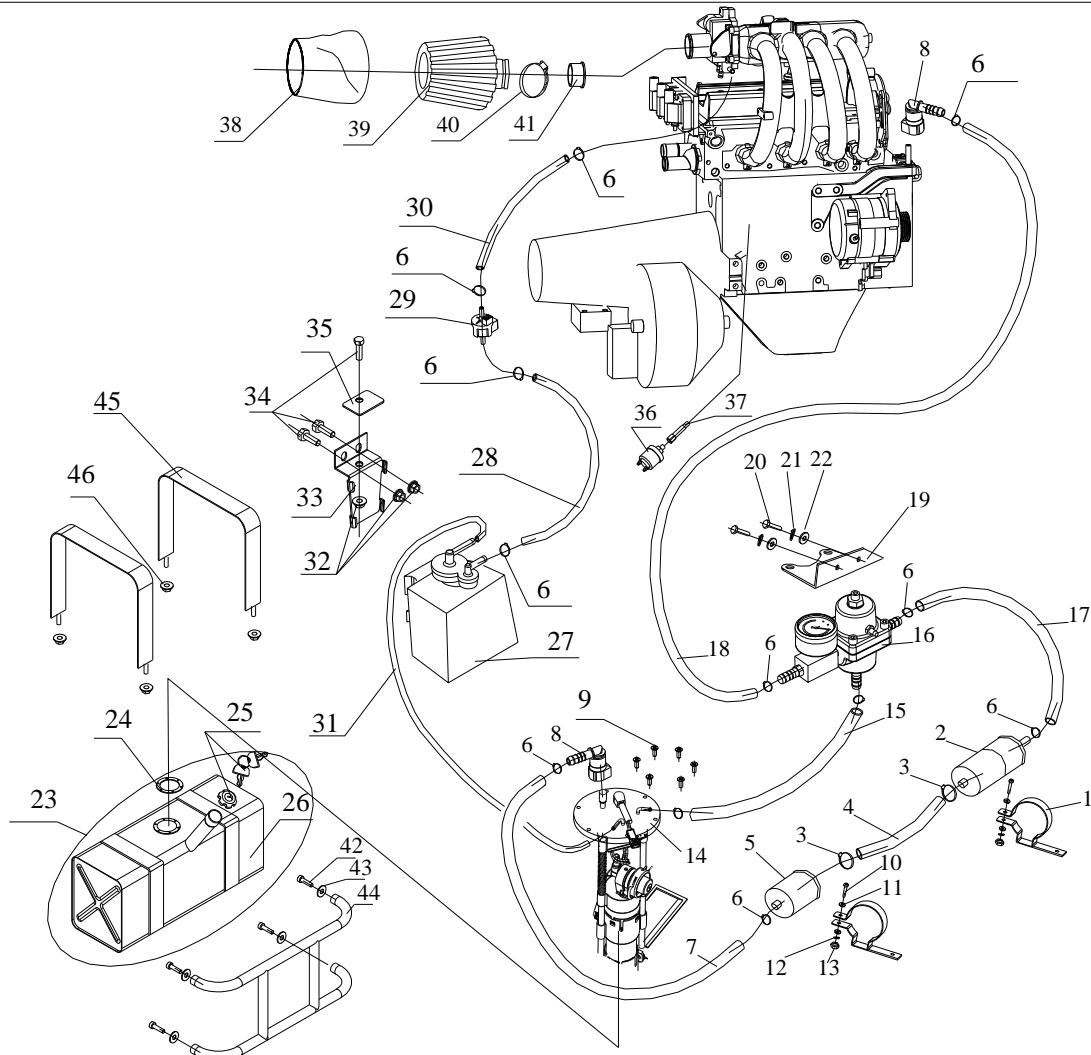
Front susp assy			
No.	Code name	Description	Q'ty
31	SV1100.02.03.01.00	front shock absorber	2
32	6185.1-M15*1.5	M15*1.5 nut	2
33	5782-M16*2*65	M16*2*65 bolt	8
34	D800.02.01.00.04	control arm spacer sleeve	16
35	D800.02.01.00.03	control arm rod end bearing	4
36	6172.2-M16*2	jam nut M16*2	8
37	5782-M15*1.5*210	M15*1.5*210 bolt	2
38	5782-M16*2*95	bolt M16*2*95	2
39	D650.03.01.02.00H(F938)	right wheel(25*8-12)	1
40	D800.02.01.03.00	upper suspension arm,right	1
41	D800.03.01.00.03A	front axle right wheel	1
42	D800.02.01.04.00	lower suspension arm,right	1
43	S650.03.01.01.01	front rim 12*6	2
44	D650.03.01.01.02H	front tire 25*8-12,R	1
45	D650.03.01.01.02H	front tire 25*8-12,L	1

Fuel tank and gasoline pump
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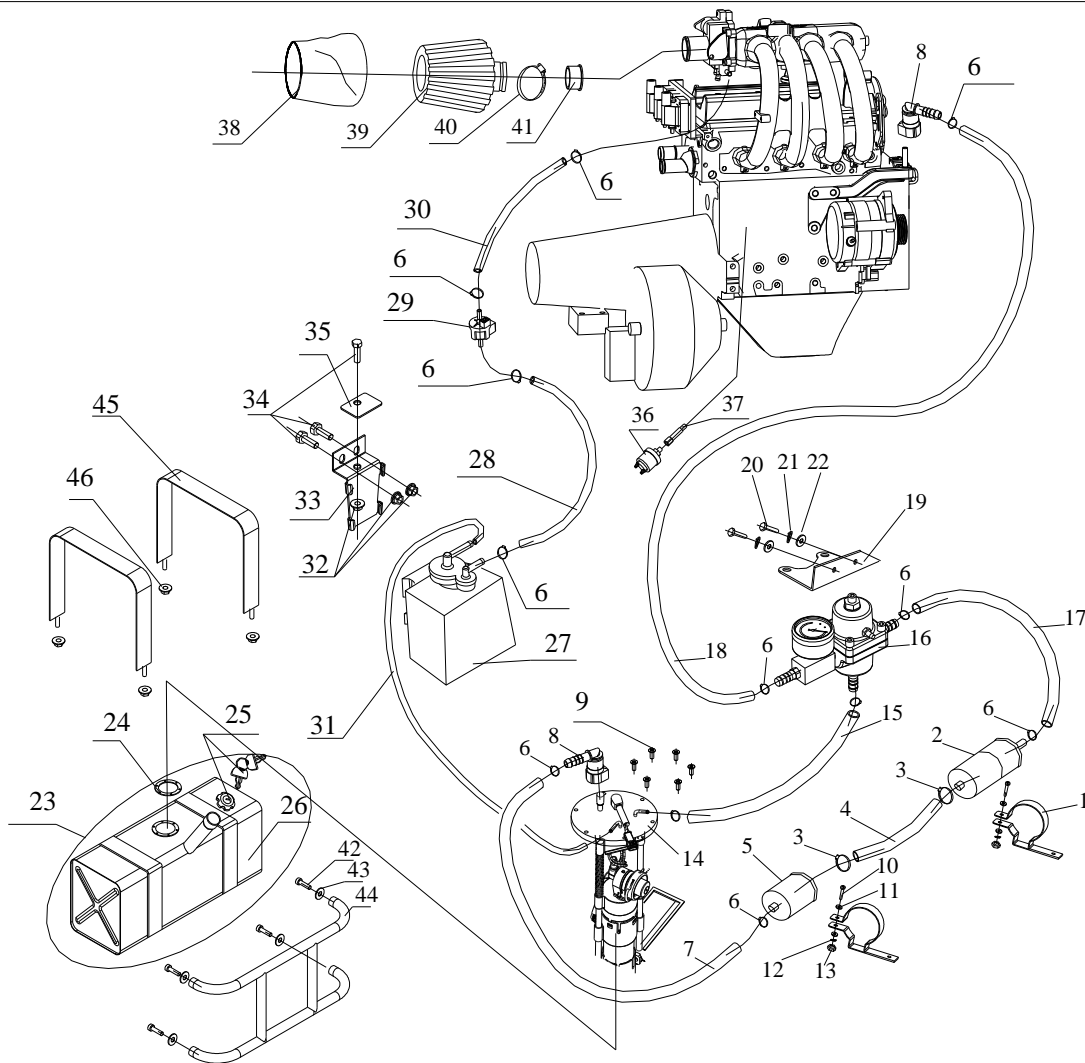
No.	Code name	Description	Q'ty
1	D650.04.03.00.10	fuel filter clip	2
2	D1600.04.03.02.00	fuel pump	1
3	D1600.04.02.00.06	hoop (16-25)	2
4	SV1100.04.03.00.05	fuel pipe( φ16xφ24X75)	1
5	D650.04.03.00.05	fuel filter	1
6	D650.04.03.00.04	hoop (10-16)	10
7	SV1100.04.03.00.06	fuel pipe( φ8xφ15X580)	1
8	D1600.04.03.00.03	connector (7.95) ,fuel pipe	2
9	818-M5*8	M5*8 cross groove head screw	6
10	818-M6*60	M6*60 cross groove head screw	1
11	95-WΦ6	washer Φ6	4
12	93-SWΦ6	spring washer Φ6	2
13	41-M6	hex nut M6	2
14	SV1100.04.03.02.00	fuel level meter	1
15	SV1100.04.03.00.08	fuel pipe(φ8xφ15X310)	1

## Fuel tank and gasoline pump

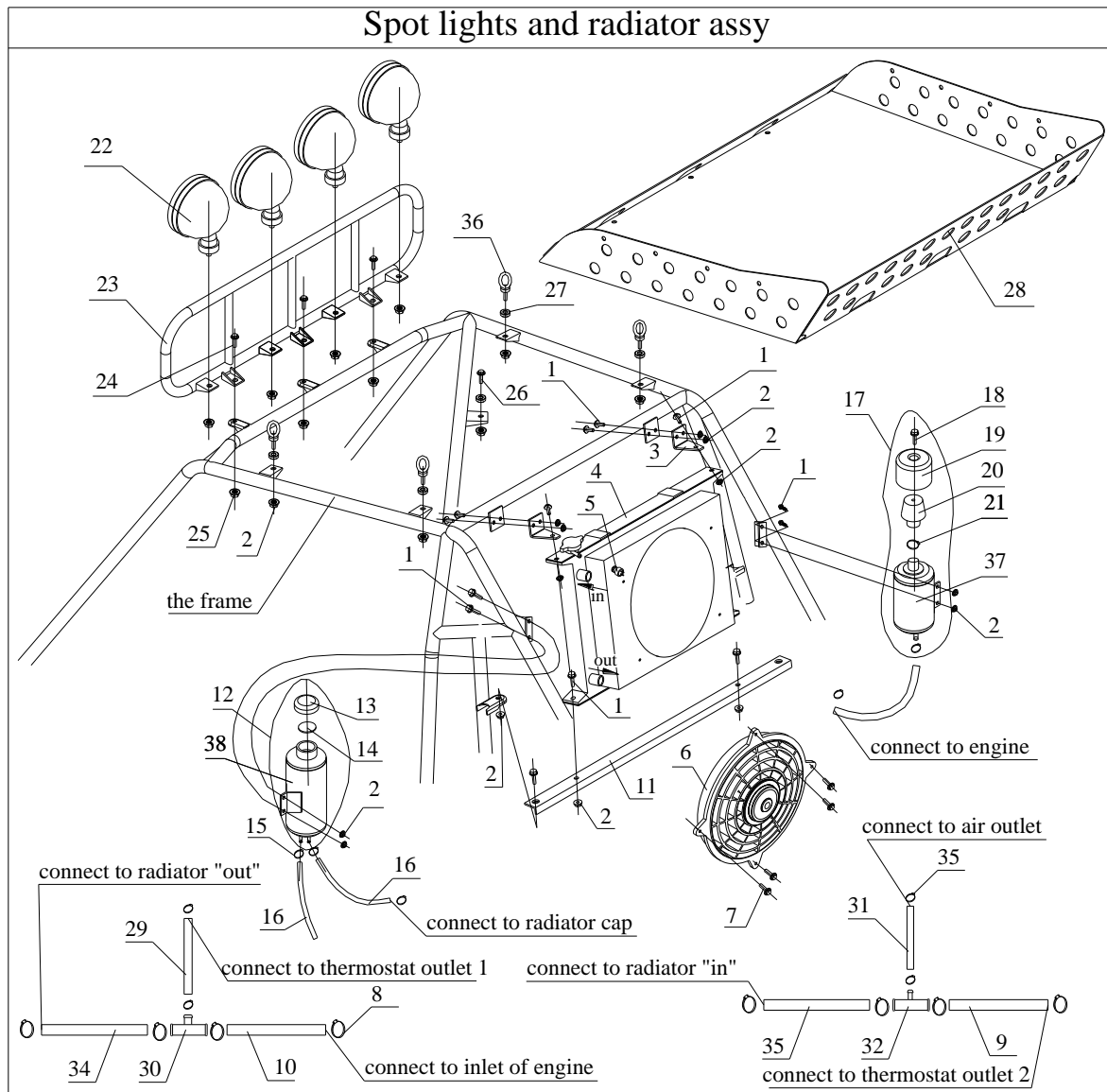


No.	Code name	Description	Q' ty
16	D1600.04.03.03.00	fuel press adjuster	1
17	SV1100.04.03.00.09	fuel pipe (φ8xφ15X310)	1
18	SV1100.04.03.00.10	fuel pipe (φ8xφ15X650)	1
19	SV1100.04.03.00.01	fuel press adjuster bracket	1
20	5782-M4X10	bolt M4X10	2
21	93-SWΦ4	spring washer Φ4	2
22	95-WΦ4	washer Φ4	2
23	SV800.04.03.01.00	fuel tank assy	1
24	D1600.04.03.01.05	rubber washer	1
25	D1600.04.03.01.04	fuel tank cap with key	1
26	SV800.04.03.01.01	bare fuel tank	1
27	D650.04.06.01.00A	carbon can	1
28	SV1100.04.03.00.11	fuel pipe (φ8xφ15X310)	1
29	S11-1208210JA	Pressure Control Valve (PCV)	1
30	SV1100.04.03.00.12	fuel pipe (φ8xφ15X650)	1
31	SV1100.04.03.00.07	fuel pipe (? 4X? 8)	1

## Fuel tank and gasoline pump



No.	Code name	Description	Q'ty
32	6177.1-M6	washer nut M6	3
33	D650.04.06.00.01	carbon can bracket	1
34	5787-M6*16	bolt-washer M6*16	2
35	D650.04.06.00.02	carbon can plate	1
36	MV800.06.04.00.01	oil pressure sensor	1
37	SV800.04.07.00.02	connecting pipe	1
38	N650.04.05.03.00	air cleaner jacket	1
39	D800.04.05.01.00	air cleaner	1
40	N650.04.05.00.01	hoop (65-82)	1
41	SV1100.04.05.00.02	air cleaner rubber sleeve	1
42	70.1-M12*30	M12*30 socket head screw	4
43	97.1-WΦ12	washer φ12( φ13*φ24*2.5)	4
44	D800.01.02.03.00	rear bumper bar	1
45	D800.04.03.02.00	fuel tank strap	2
46	6177.1-M10*1.5	nut-washer M10*1.5	4

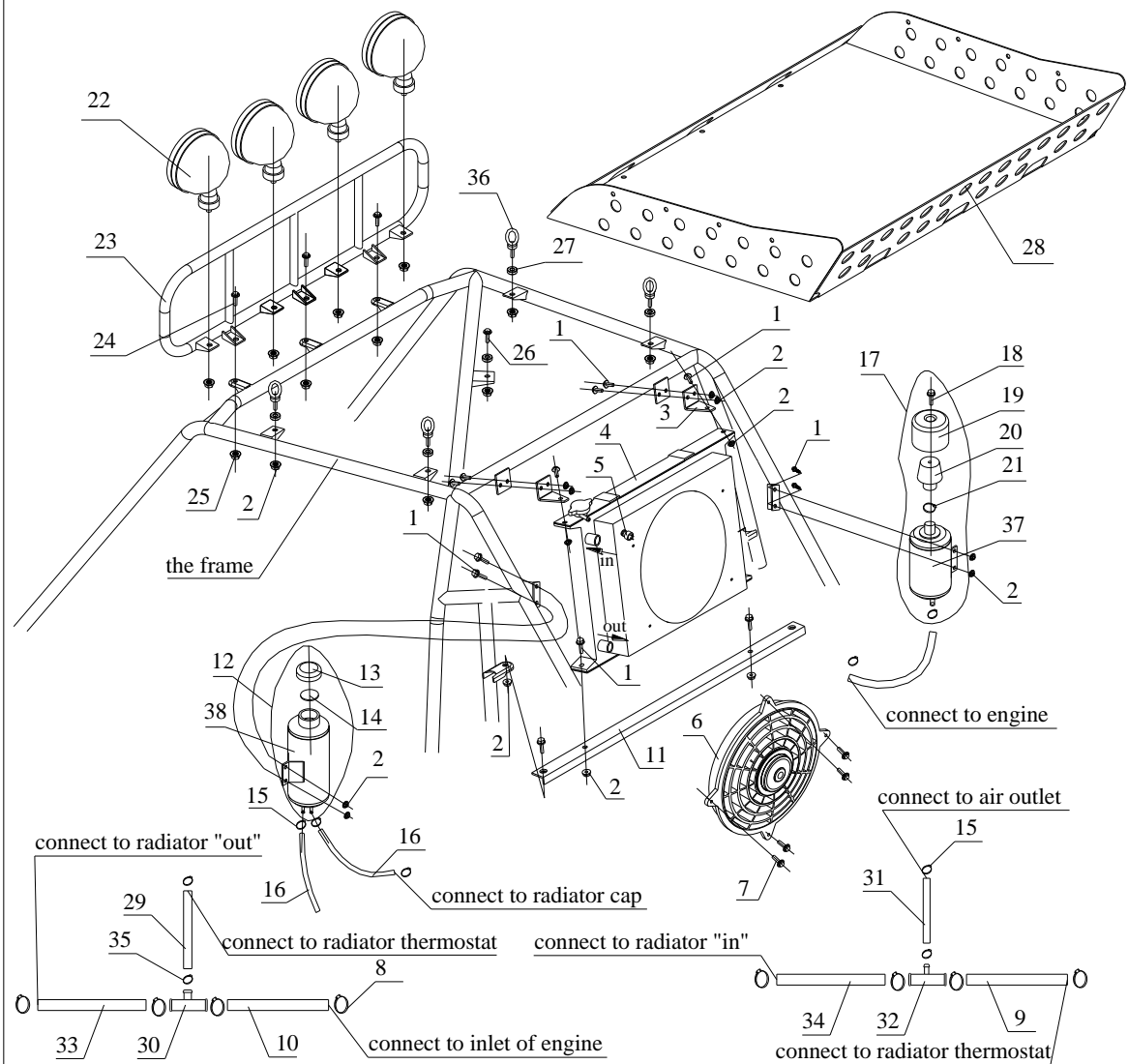


No.	Code name	Description	Q'ty
1	5787-M8*20	bolt-washer M8*20	14
2	6177.1-M8	self-locking nut M8	18
3	D800.01.02.00.05	aluminium radiator bracket	2
4	D800.04.02.03.00	aluminium radiator	1
5	D800.04.02.04.00	temperature detect switch(TDS)	1
6	D1600.04.02.02.00	radiator fan	1
7	5787-M6*20	bolt-washer M6*20	4
8	D650.04.02.00.03	hoop(25-38),water tube	8
9	D650.04.02.00.02	water outlet hose 1, engine	1
10	D650.04.02.00.01	water inlet hose 1, engine	1
11	D800.01.02.00.06	underlying board	1
12	D800.04.02.02.00	reserve tank	1
13	D800.04.02.00.01	cap of reserve tank	1
14	D800.04.02.00.02	airproof washer of reserve tank	1



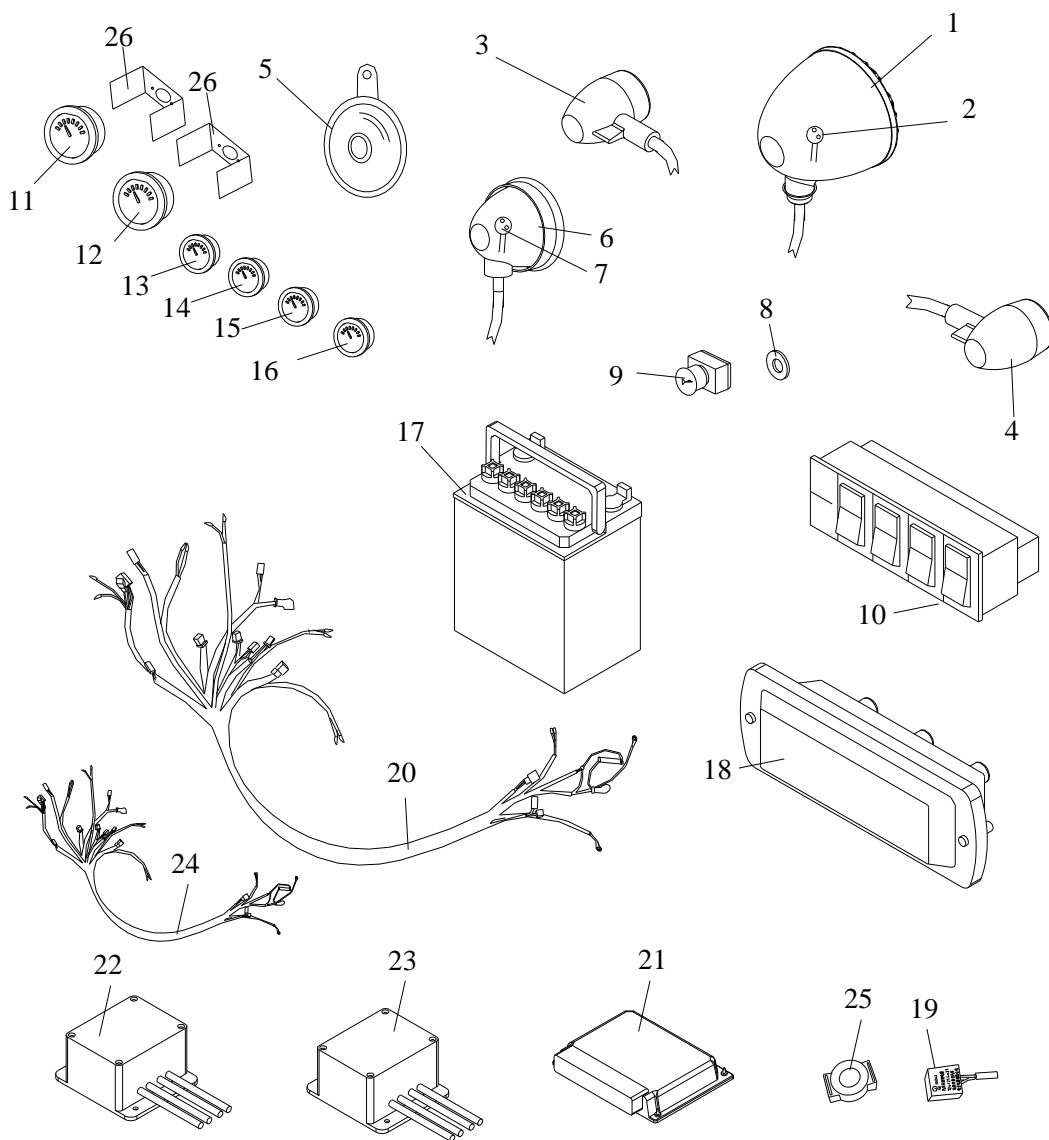
Spot lights and radiator assy			
No.	Code name	Description	Q' ty
15	D650.04.03.00.04	hoop(10-16)	7
16	D25009004	radiator connecting tube	2
17	D1600.04.01.06.00	oil separator	1
18	5787-M6*16	bolt-washer M6*16	1
19	D650.04.07.00.03	cover, oil separator	1
20	D650.04.07.00.02	air filter, oil separator	1
21	SV800.04.07.00.01	hoop(21-38)	1
22	D1600.06.10.00.00	spotlight	4
23	SV800.99.99.04.00	mount of spotlight	1
24	5787-M10*20	bolt-washer M10*20	3
25	6177.1-M10	self-locking nut M10	3
26	5787-M8*45	bolt-washer M8*45	1
27	D1600.01.02.00.07	spacer	4
28	SV800.01.02.03.00	aluminium roof rack	1

## Spot lights and radiator assy



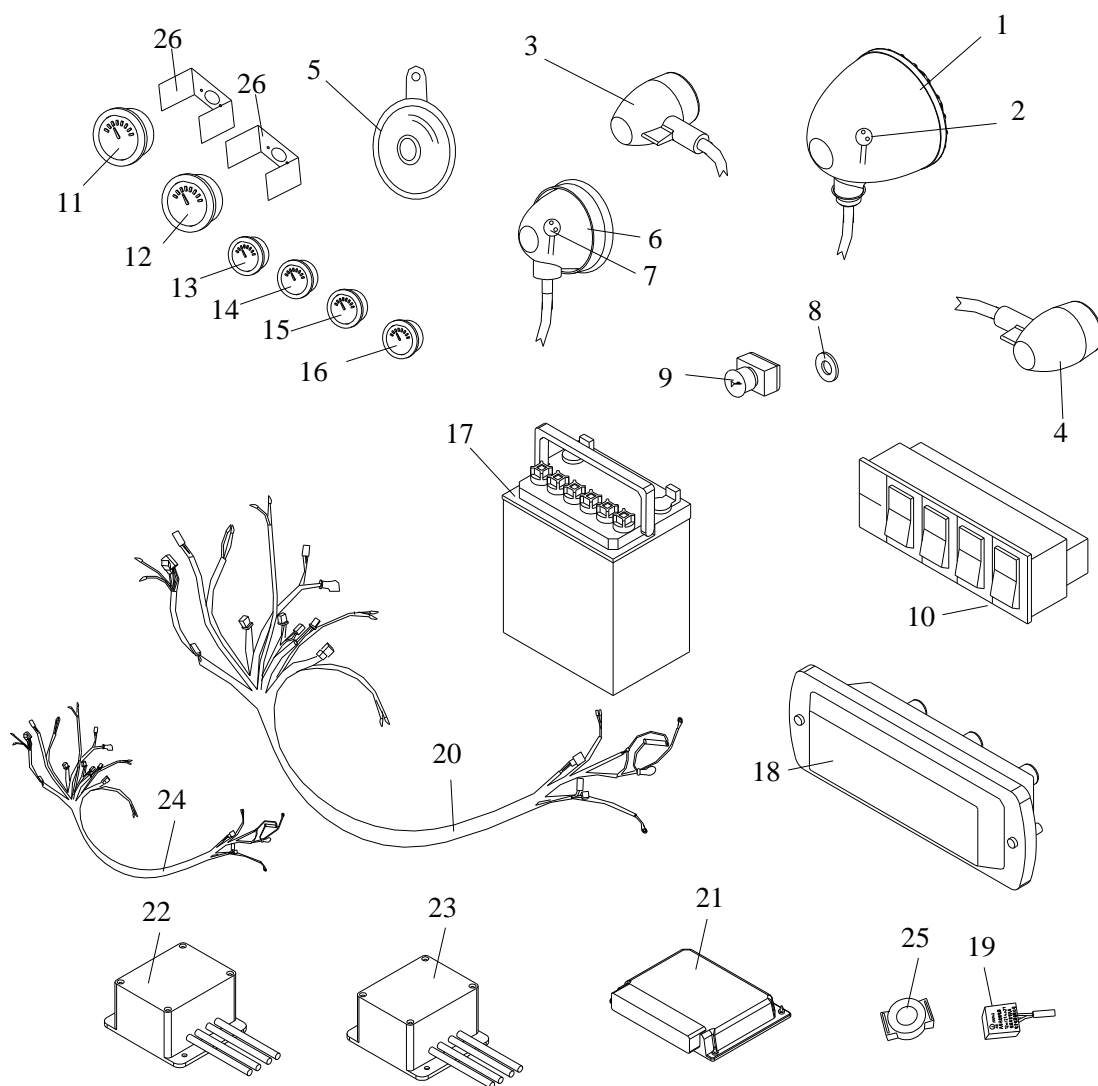
No.	Code name	Description	Q' ty
29	SV1100.04.02.00.04	small cycle hose	5
30	SV1100.04.02.00.01	steel 3-way.small cycle	1
31	D25009004	hose $\phi 6^* \phi 11$ .overflow tank	1
32	SV1100.04.02.02.00	steel 3-way.air outlet	1
33	SV1100.04.02.00.01-2	water inlet hose 2, engine	1
34	SV1100.04.02.00.02-2	water outlet hose 2, engine	1
35	SV800.04.07.00.01	hoop(16-25)	2
36	D1600.08.01.00.06	loop M10	4
37	D1600.04.01.06.01	oil separator tank	1
38	D800.04.02.00.03	reserve tank	1

## Electrical appliance



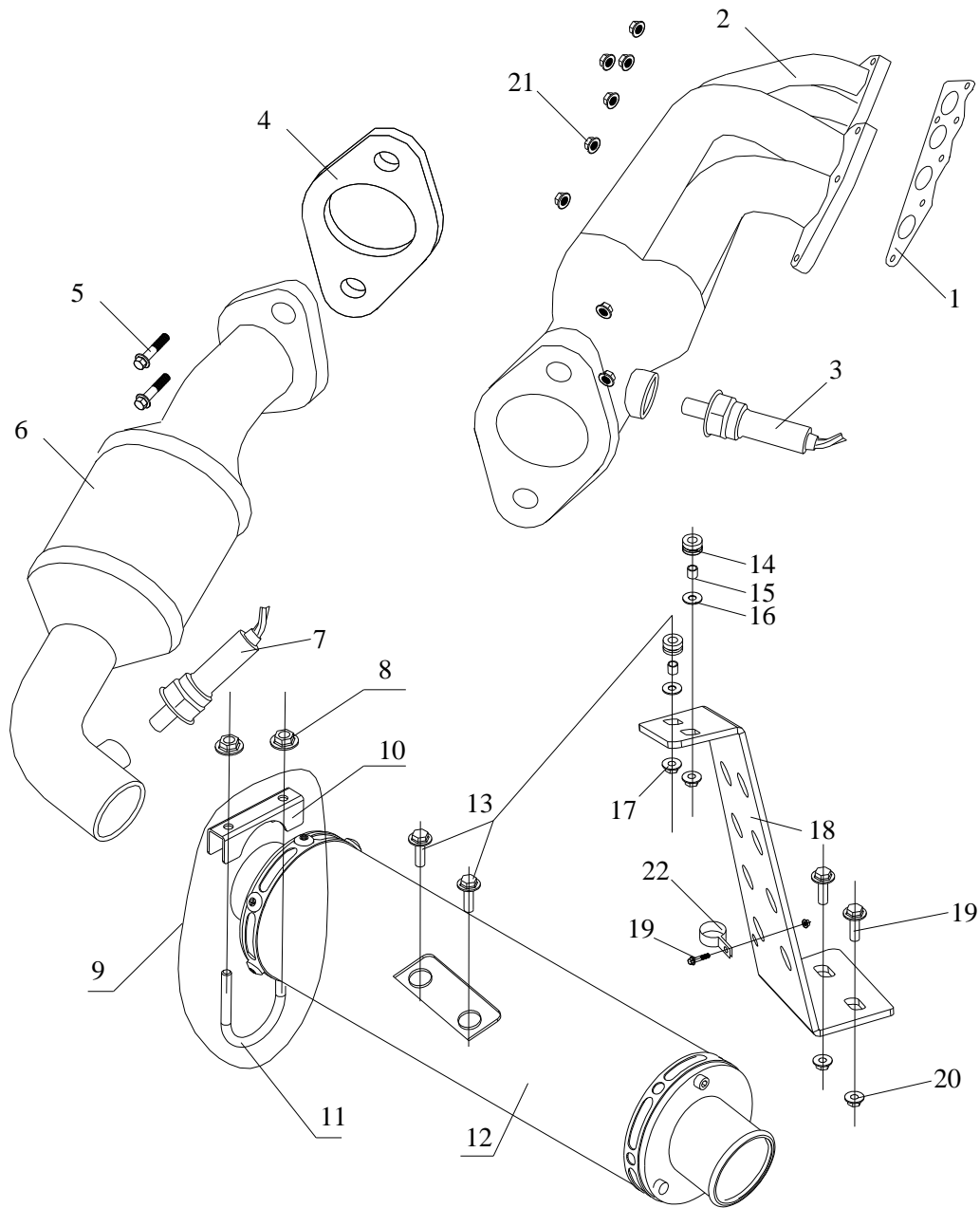
No.	Code name	Description	Q'ty
1	D1600.06.11.00.00	headlight	2
2	D1600.06.11.00.01	headlight bulb	2
3	D650.06.00.05.00	front blinker	1
4	D650.06.00.15.00	front blinker	1
5	D650.06.00.09.00	horn	1
6	D1600.06.10.00.00	spot light	4
7	D1600.06.10.00.01	spot light bulb(30w)	4
8	JD0460003	washer	1
9	DS250.10.00.00.05	horn button	1
10	D1600.06.03.00.00	four switch assy	1
11	MV800.06.02.00.00	speedometer	1
12	D1600.06.05.00.00	tachometer	1

## Electrical appliance



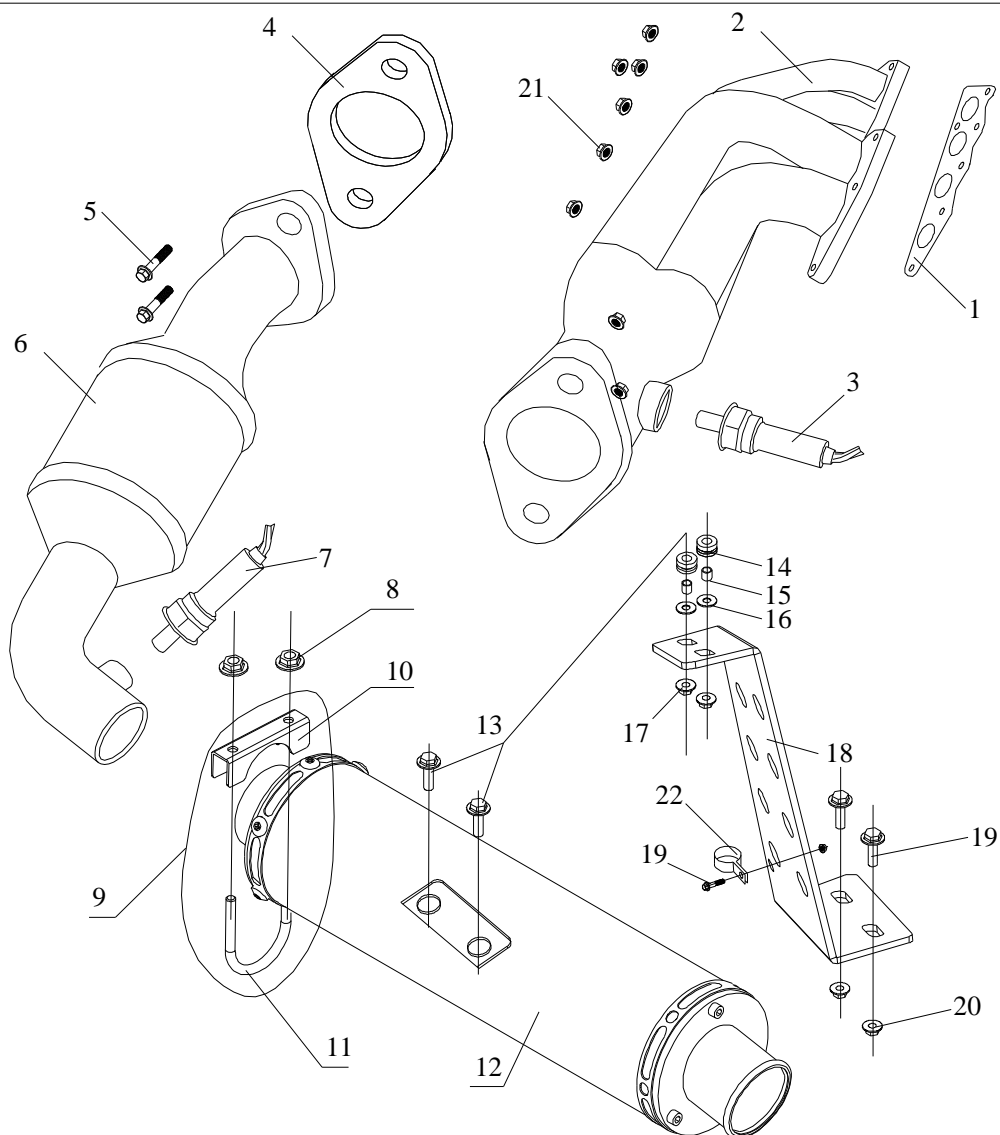
No.	Code name	Description	Q'ty
13	MV800.06.03.00.00	coolant temperature indicator	1
14	D1600.06.09.00.00	voltmeter	1
15	D1600.06.06.00.00	fuel level gauge	1
16	D1600.06.07.00.00	oil pressure gauge	1
17	D1600.06.02.00.00	battery (45AH)	1
18	D800.06.00.00.12	tail light assy	2
19	D25007914A	flasher apparatus	1
20	MV800.06.01.00.00	electrical wiring harness	1
21	S11-3605010JA-1	ECU	1
22	MV800.06.01.00.01	fuse box	1
23	MV800.06.01.00.02	relay box	1
24	S11-3724180CS	engine wiring harness	1
25	D25007924	flasher coat	1
26	D1600.01.02.00.06	bracket	2

## MUFFLER



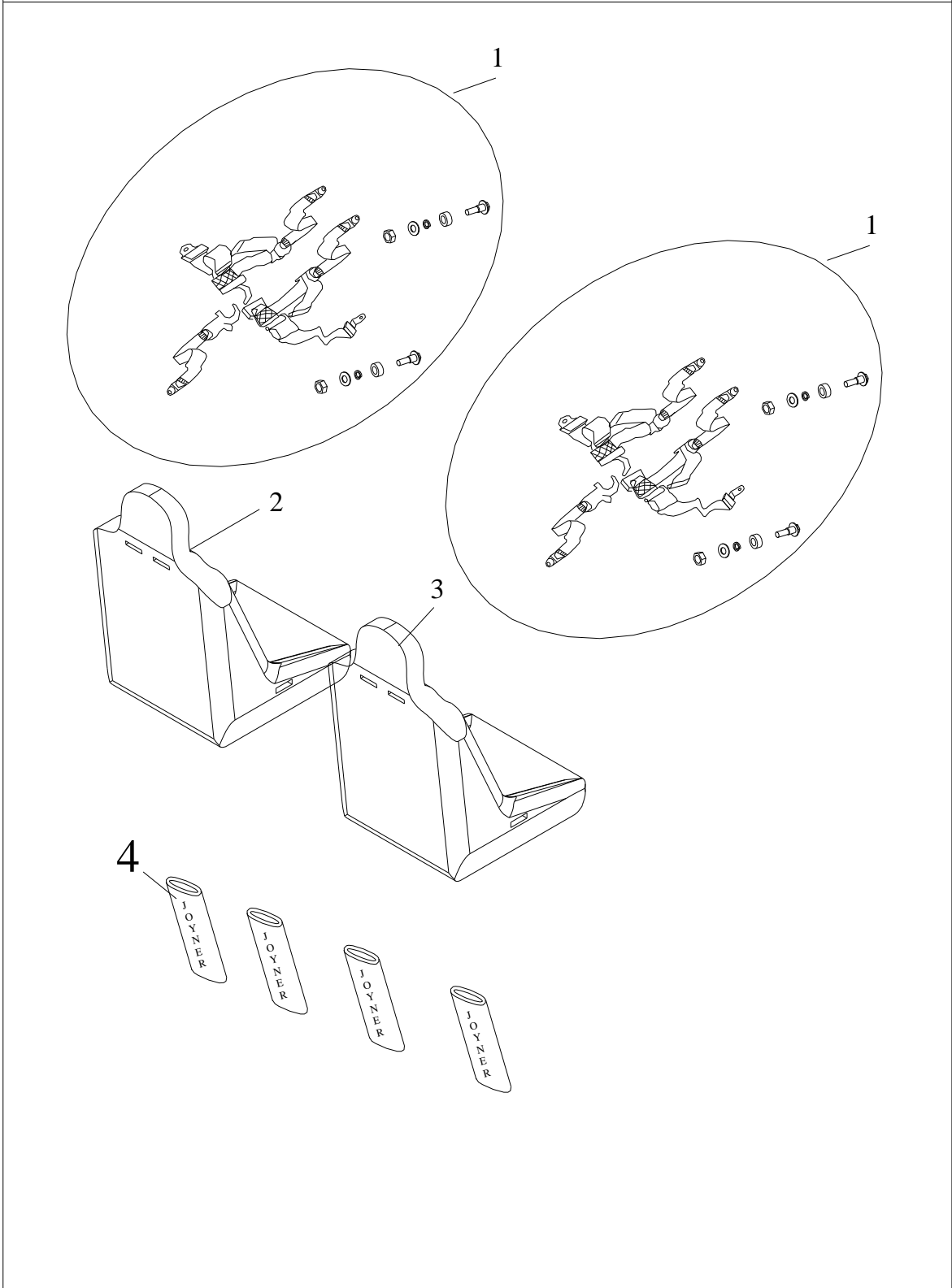
No.	Code name	Description	Q'ty
1	472-1008033	exhaust manifold gasket	1
2	SV1100.04.04.03.00	exhaust manifold	1
3	S11-1205110JA	oxygen sensor	1
4	SV1100.04.04.04.00	seal washer	1
5	5787- M8x35	nut-washer	6
6	SV1100.04.04.02.00A	catalac convertor	1
7	S11-1205110JA	oxygen sensor	1
8	6177.1-M8	self-locking nut M8	2
9	D650.04.04.00.08	U clamp	1
10	D650.04.04.00.08-1	U clamp mount	1

## MUFFLER



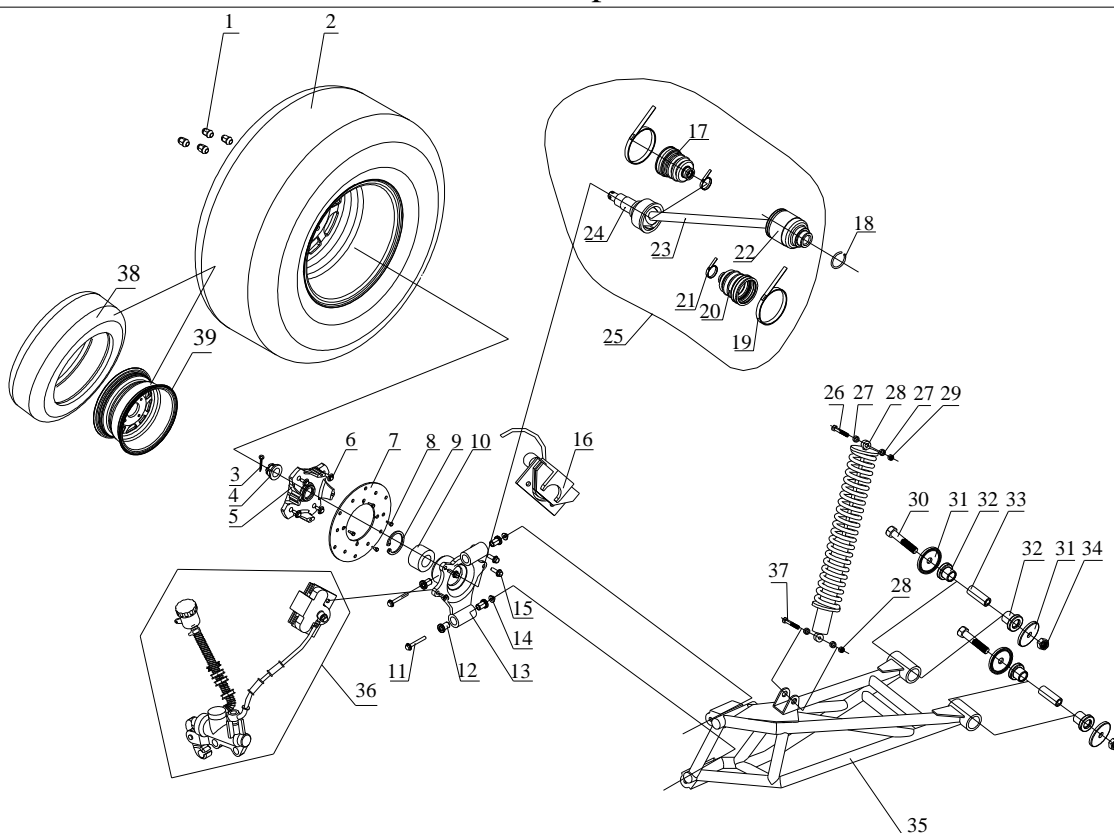
No.	Code name	Description	Q'ty
11	D650.04.04.00.08-2	U clamp screw rod	1
12	D650.04.04.01.00B	long muffler	1
13	5787-M8*30	bolt-washer M8*30	2
14	JD1910002A	muffler rubber cover	2
15	JD1910002	spacer	2
16	96-WΦ8*24*2	washer 8*24*2	2
17	6177.1-M8	M8 self-locking nut	2
18	SV800.01.02.00.03	muffler bracket	1
19	5787-M8*25	bolt-washer M8*25	2
20	6177.1-M8	M8 self-locking nut	2
21	6177.1-M8	nut-washer M8	6
22	SV800.01.02.00.06	wire clamp	1

seat and safety belt
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No.	Code name	Description	Q'ty
1	SV1100.08.01.18.00	safty belt	2
2	SV1100.08.01.01.00	seat	2
3	D650.08.01.00.13	safty belt tube	4

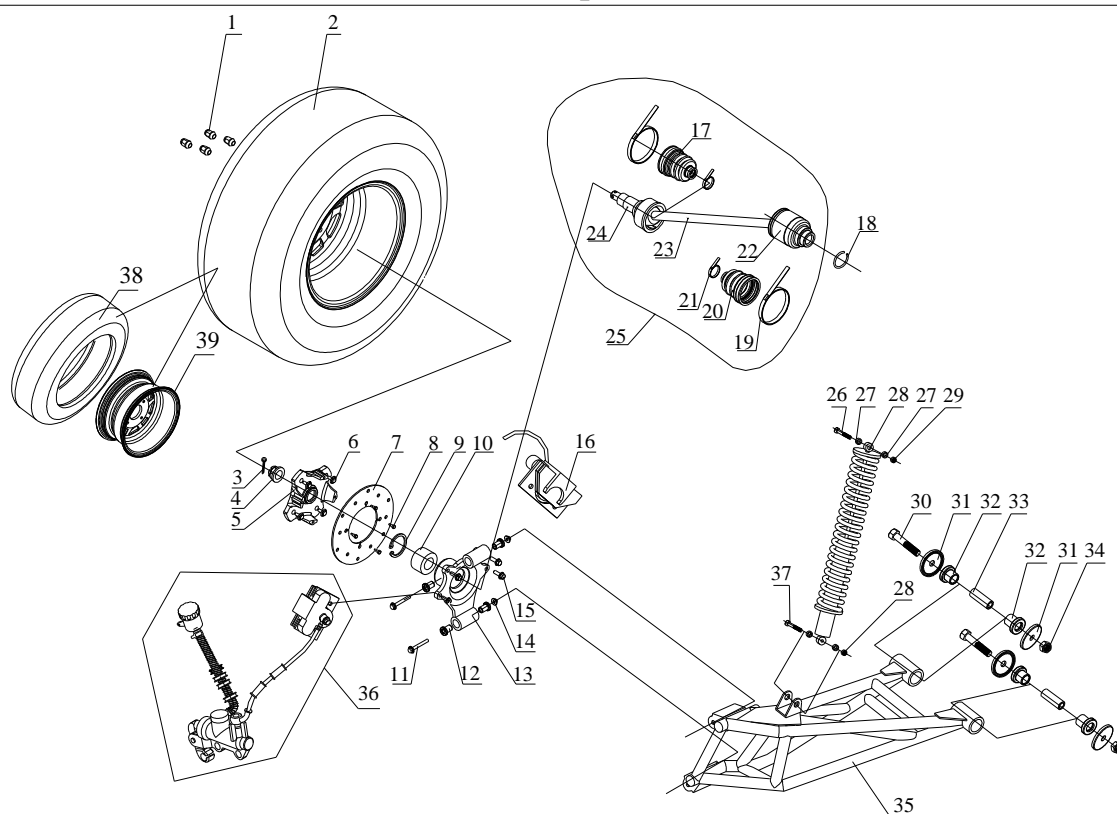
## Rear susp,left



No.	Code name	Description	Q' ty
1	S650.03.02.00.02	wheel nut M12*1.5	4
2	D650.03.02.01.00H(F938)	wheel(25*11-12),BL	1
3	91-P4*40	cotter pin 4*40	1
4	D650.03.02.00.06	slotted nut M22*1.5,rear shaft	1
5	D650.03.02.00.04A	disk base	1
6	D650.03.02.00.03A	M12*1.5 bolt	4
7	D650.03.02.00.05	brake disk	1
8	D650.03.02.00.08	M6 bolt ,brake disk	4
9	893.2-CΦ55	circlip55,internal	1
10	D650.03.02.00.07	bearing(? 30*? 50*32)	1
11	5787-M12*1.5*100*25	M12*1.5*100*25 bolt	2
12	D800.02.02.00.01	bush ring	4
13	D650.03.02.00.01	bearing block	1
14	6177.1-M12*1.5	M12*1.5 nut	2
15	5787-M8*20	M8*20 bolt	4
16	SV800.07.01.01.00	brake caliper	1
17	N650.03.02.01.03	outer boot seal	1
18	2303016	steel cable baffle ring	1
19	N650.03.02.01.02	BIG band	2

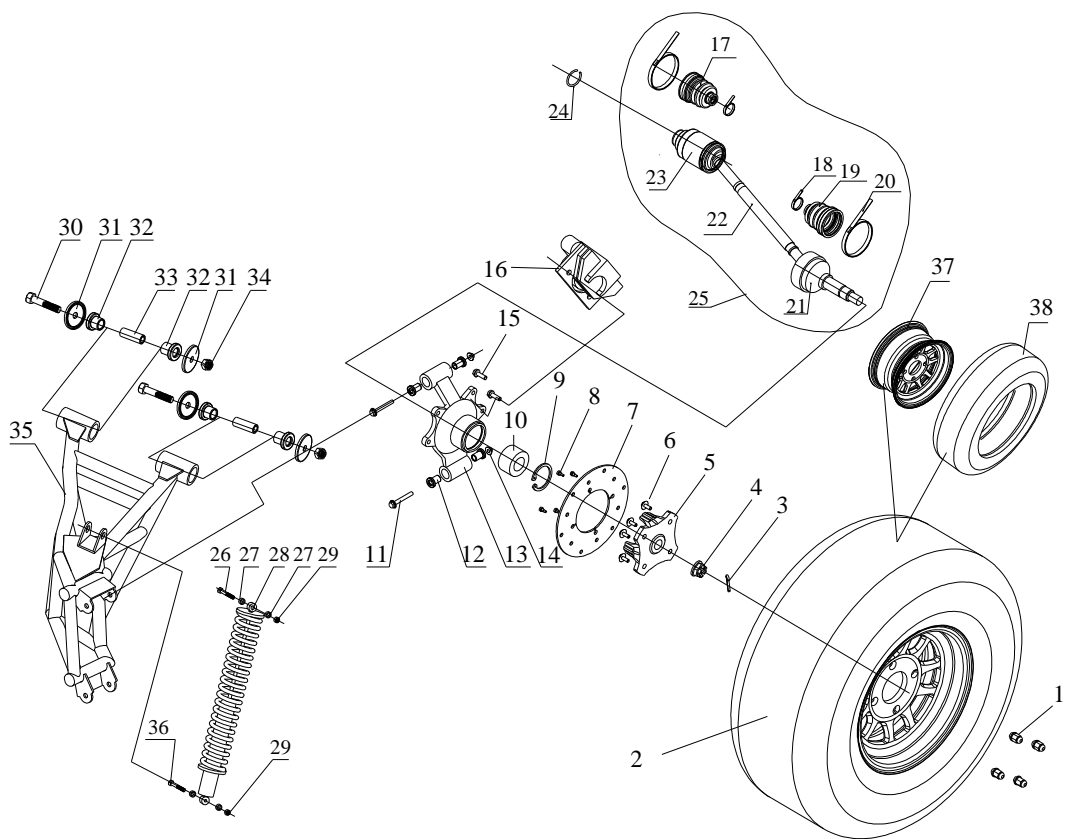


## Rear susp,left



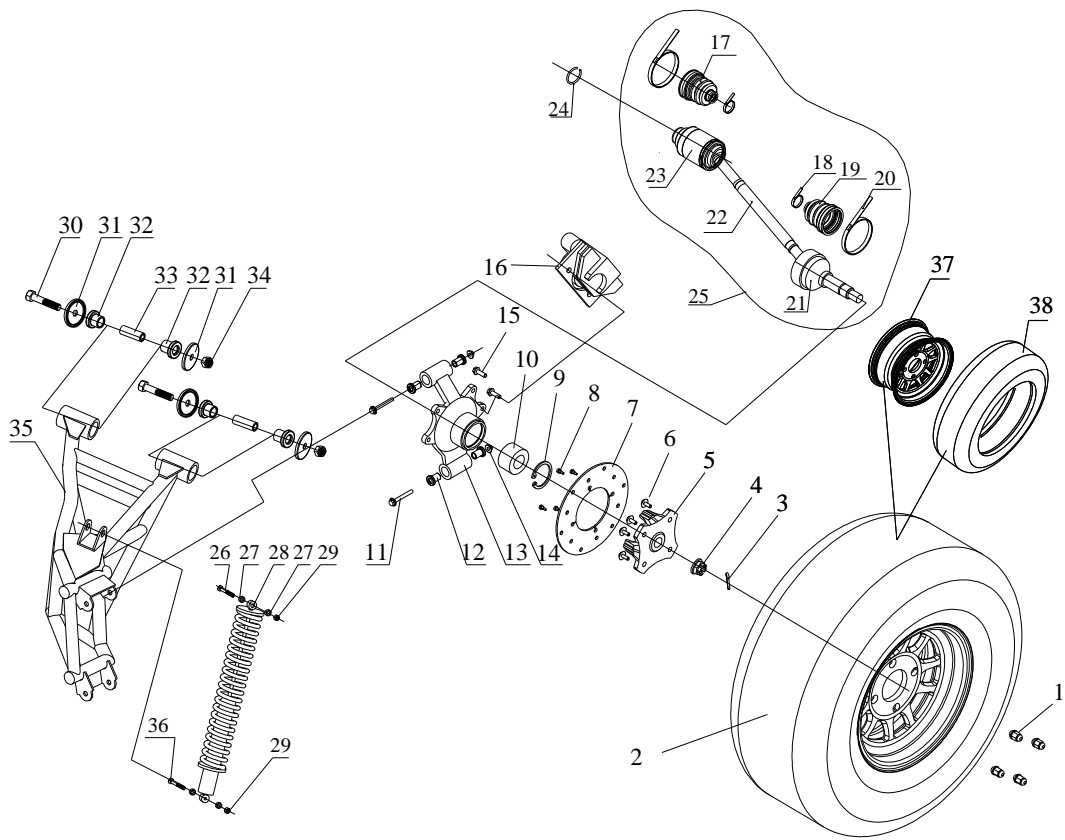
No.	Code name	Description	Q' ty
20	N650.03.02.01.04	inner boot seal	1
21	N650.03.02.01.01	SMALL band	2
22	N650.03.02.01.06	end motion type inboard joint	1
23	SV800.03.02.01.05	solid bar, left	1
24	N650.03.02.01.07	fixed enter type outboard joint	1
25	SV800.03.02.01.00	left drive shaft	1
26	5782-M15*1.5*80*30	M15*1.5*80*30 bolt	1
27	D800.02.03.00.03	spacer sleeve	4
28	D800.02.03.00.02	rear shock absorber	1
29	6185.1-M15*1.5	M15*1.5 nut	2
30	5787-M16*2*125	M16*2*125 bolt	2
31	D800.02.02.00.03	grease seal, ? 46	4
32	D800.02.02.00.02	powdered spacer sleeve	4
33	D800.02.02.00.04	spacer sleeve	2
34	6177.1-M16*2	M16*2 nut	2
35	D800.02.02.02.00A	rear suspension arm, left	1
36	D800.07.02.03.00	single hydraulic park brake assy	1
37	5782-M15*1.5*65*25	M15*1.5*65*25 bolt	1
38	S650.03.02.01.01	rear rim 12*8	1
39	D650.03.02.01.02H	rear tire 25X11-12,L	1

## Rear susp,right



No.	Code name	Description	Q' ty
1	S650.03.02.00.02	wheel nut M12*1.5	4
2	D650.03.02.04.00H	wheel(25*11-12),BR (F938)	1
3	91-P4*40	cotter pin 4*40	1
4	D650.03.02.00.06	slotted nut M22*1.5,rear shaft	1
5	D650.03.02.00.04A	disk base	1
6	D650.03.02.00.03A	M12*1.5 bolt	4
7	D650.03.02.00.05	brake disk	1
8	D650.03.02.00.08	M6 bolt ,brake disk	4
9	893.2-C55	circlip55,internal	1
10	D650.03.02.00.07	bearing(? 30*? 50*32)	1
11	5787-M12*1.5*100*25	M12*1.5*100*25 bolt	2
12	D800.02.02.00.01	bush ring	4
13	D650.03.02.00.01	bearing block	1
14	6177.1-M12-1.5	M12-1.5 nut	2
15	5787-M8*20	M8*20 bolt	2
16	SV800.07.01.01.00	brake caliper	1
17	N650.03.02.01.04	inner boot seal	1
18	N650.03.02.01.01	small band	2
19	N650.03.02.01.03	outer boot seal	1

## Rear susp,right



No.	Code name	Description	Q' ty
20	N650.03.02.01.02	big band	2
21	N650.03.02.01.07	fixed enter type outboard joint	1
22	SV800.03.02.02.05	solid bar,right	1
23	N650.03.02.01.06	end motion type inboard joint	1
24	2303016	steel cable baffle ring	1
25	SV800.03.02.02.00	right drive shaft	1
26	5782-M15*1.5*80	M15*1.5*80 bolt	1
27	D800.02.03.00.03	spacer sleeve	4
28	D800.02.03.00.02	rear shock absorber	1
29	6185.1-M15*1.5	M15*1.5 nut	2
30	5787-M16*2*125	M16*2*125 bolt	2
31	D800.02.02.00.03	grease seal,? 46	4
32	D800.02.02.00.02	powdered spacer sleeve	4
33	D800.02.02.00.04	spacer sleeve	2
34	6177.1-M16*2	M16*2 nut	2
35	SV1100.02.02.01.00A	rear suspension arm,right	1
36	5782-M15*1.5*65*25	M15*1.5*65*25bolt	1
37	S650.03.02.01.01	rear rim 12*8	1
38	D650.03.02.01.02H	rear tire 25X11-12,R	1

Other parts			
No.	Code name	Description	Q'ty
1	SV800.08.01.00.02	canvas roof	1
2	D650.08.06.00.01	plastic zip tie	20
3	JN0400020EU	side view mirror ,left	1
4	JN0400030EU	side view mirror ,right	1
5	SV800.01.02.00.01	front cover plate	1
6	SV1100.01.02.02.01	rear fin side	1
7	D800.01.02.00.02	rear panel	1
8	D800.01.02.02.02	TOP panel	1
10	D800.08.01.00.03	cloth cover for entire kart	1

Other parts			
No.	Code name	Description	Q' ty
11	SV1100.99.99.02.00	left nerf bar	1
12	SV1100.99.99.03.00	right nerf bar	1
13	D1600.01.02.08.00	battery bracket	1
14	D1600.01.02.06.00	ECU plastic shield	1
15	SV800.01.02.00.02	ECU bracket	1
16	D1600.08.01.00.04	battery cover	1
17	SV800.08.01.00.01	tube clip	10
18	SV1100.01.02.00.05	engine bottom plate	1
19	SV800.08.01.02.00	envelopment	1

Other parts			
No.	Code name	Description	Q'ty
20	SV800.08.01.07.00	foam cover	1
			4
		fender bracket.left.front	1
		fender bracket.right.front	1
		fender bracket.left.rear	1
		fender bracket.right.rear	1
26	D800.08.01.00.04-1	shock absorber coat.front	2
27	D800.08.01.00.04-2	shock absorber coat.rear	2
28	SV1100.01.02.02.06	rear fin side.left	1

## Wearing parts

1. Body			
Num	English name	件号	数量
1	rubber washer Φ6	JD0900008	20
2	radial bearing	D800.02.01.00.01	4
3	bushing	D800.02.01.00.02	8
4	rod end bearing,control arm	D800.02.01.00.03	8
5	spacer sleeve,control arm	D800.02.01.00.04	16
6	interner circlip φ55 (model B)	GB/T893.2-1986-55	2
7	shocker spacer sleeve	D800.02.03.00.03	16
8	hub screw M10*1.25	D650.03.02.00.03	10
9	wheel nut M10*1.25	D650.03.02.00.02	10
10	ball bearing 25*52*15	D800.03.01.00.04	2
11	ball bearing 30*62*16	D800.03.01.00.05	2
12	oil seal 30*52*8	D800.03.01.00.08	2
13	oil seal 40x62x7	D800.03.01.00.09	2
14	bearing(30*50*32)	D650.03.02.00.07	2
15	slotted nut M22*1.5,rear shaft	D650.03.02.00.06	2
16	internal circlip Φ42 (model B)	GB/T893.2-1986-42	2
17	engine rubber bumper	D650.04.01.00.01	8
19	rod end bearingPOSA12LH	D800.05.01.00.01	2
20	rod end bearingPOSA12	D800.05.01.00.02	2
21	spacer sleeve	D800.05.01.00.03	8
22	electric cable	MV800.06.01.00.00	1
23	spotlight bulb	D1600.06.10.00.01	4
24	spotlight bulb	D1600.06.10.00.01	4
25	headlight bulb	D1600.06.11.00.01	2
26	headlight bulb	D1600.06.11.00.01	2
27	turning light bulb	D650.06.00.05.01	4
28	tail light bulb	D650.06.00.04.02	2
29	stoplight bulb	D650.06.00.04.03	2
30	flasher apparatus	D650.06.00.10.00	1
31	ignition switch assembly	N650.06.00.18.00	1
32	cable	SV1100.07.03.01.00	1
33	brake caliper	SV800.07.01.01.01	1
34	clutch cable	SV800.07.04.01.00	1
35	air cleaner	D800.04.05.01.00	1
36	brake pad	SV800.07.01.01.03	8
37	brake Disc	D650.03.02.00.05	2
38	fuel pump assy	D1600.04.03.00.02	1
39	inner boot seal	N650.03.02.01.04	2
40	SMALL band	N650.03.02.01.01	4
41	outer boot seal	N650.03.02.01.03	2
42	big band	N650.03.02.01.02	4

43	drive shaft, right	SV800.03.02.02.00	1
44	drive shaft, left	SV800.03.02.01.00	1
45	four switch assy	D1600.06.03.00.00	1
46	FUSE2	E650.06.00.01.06	1
47	FUSE3	E650.06.00.01.07	1
48	FUSE4	E650.06.00.01.08	1
49	FUSE5	E650.06.00.01.09	1
50	FUSE6	E650.06.00.01.10	1
51	FUSE7	E650.06.00.01.11	1
52	FUSE8	E650.06.00.01.12	1
53	FUSE9	E650.06.00.01.13	1
54	FUSE10	E650.06.00.01.14	1

## 2.Engine

1	Bolt main	372-1002023	10
2	Plug	372-1003028	1
3	valve-inlet	372-1007011	8
4	valve-exhaust	372-1007012	8
5	adjustment washer	372-1007017	16
6	valve lifter	372-1007018	16
7	seal valve	372-1007020	16
8	bolt,cylinder head	372-1003051	10
9	cylinder head bolt washer	372-1003052	10
10	cylinder head cover gasket	472-1003036	1
11	camshaft oil seal	372-1003066	1
12	block cover	372-1003067	1
13	the first Piston ring	372-1004032	4
14	the second Piston ring	372-1004033	4
15	oil control steel-ring scraper	372-1004041	8
16	oil control steel-ring cushion	372-1004042	4
17	bearing-connecting rod	372-1004116	8
18	upper bearing-cranksaft	372-1005013	5
19	lower bearing-cranksaft	372-1005014	5
20	cranksaft front oil seal	372-1005015	1
21	stopper plate	372-1005016	2
22	rear oil seal	372-1005030	1
23	pulley bolt	372-1005031	1
24	toothed timing belt	372-1007081	1
25	intake camshaft assy	472-1006020	1
26	exhaust camshaft assy	472-1006060	1
27	valve seal	372-1007020	16
28	intake manifold gasket	472-1008012	1
29	Nut	Q32008	16
30	oil piug washer	372-1010017	1
31	oil pump gasket	372-1011021	1



32	oil pump	372-1011030	1
33	water pump set	372-1307010	1
34	water pump washer	372-1307041	1
35	ring "o"	372-1307015	1
36	seal strip 1	372-1307012	1
37	seal strip 2	372-1307018	1
38	seal strip 3	372-1307019	1
39	cord NO.1, Hi.tension	S11-3707020CA	1
40	cord NO.2, Hi.tension	S11-3707030CA	1
41	cord NO.3, Hi.tension	S11-3707040CA	1
42	cord NO.4, Hi.tension	S11-3707050CA	1
43	spark plug	S11-3707100	4
44	ignition coil	S11-3705110JA	1
45	injector	S11-1121020JA	4
46	oil filter	372-1012010	1
47	alternator	S11-3701110B1	1
48	alternator adjustment arm	S11-3701211BA	1
49	dextral hex bolt	Q1841090	1
50	V-ribbed belt	S11-3701315	1
51	Starter assembly	S11-3708110GA	1
52	Electric odometer sensor	S11-3802020	1
53	Crankcase ventilation pipe(3)	372-1014130	1
54	Crankcase ventilation pipe1	472-1014121	1
55	Crankcase ventilation pipe2	472-1014122	1
56	Crankcase ventilation pipe3	472-1014123	1

### 3.Transmission

1	DOUBLE-SCREW ROD	5T07-1701058A	1
2	shift turning rod	5T07-1702090A	1
3	SHIFT-SELECT SHAFT	5T07-1702100A	1
4	SHIFT-SELECTING SHAFT	5T07-1702101A	1
5	SNAP RING.STOP PLATE.SHIFT INTERLOCK	QR512-1702214	3
6	RELEASE-SPRING SEAT.1ST GEAR&2ND GEAR	5T07-1702102	1
7	RELEASE-SPRING.1ST GEAR&2ND GEAR	5T07-1702103	1
8	SPRING-STOP PLATE	5T07-1702104	2
9	SHIFT INTERLOCK STOP PLATE	5T07-1702107A	2
10	SHIFT-SELECT ARM	5T07-1702105A	1
11	SHIFT-SELECT ARM PIN	5T07-1702106	1
12	SPRING PIN 3.5X28	QR512-1702113	1
13	RELEASE-SPRING.5TH GEAR&REVERSE GEAR	5T07-1702114A	1
14	RELEASE-SPRINGSEAT.5TH GEAR&REVERSE GEAR	5T07-1702112	1
15	SPRING SEAT.REVERSE GEAR	5T07-1702108A	1

16	LIMITING SPRING.REVERSE GEAR	5T07-1702109A	1
17	LIMITING CAM.REVERSE GEAR	QR512-1702111A	1
18	FRONT BEARING.OUTPUT SHAFT	5T07-1701610	1
19	REAR BEARING.OUTPUT SHAFT	5T07-1701250	1
20	FRONT BEARING.DIFFERENTIAL	5T07-1701310	1
21	ODOMETER DRIVING GEAR	QR512-1701604	1
22	REAR BEARING.DIFFERENTIAL	5T07-1701320	1
23	LOCATING PIN	5T07-1701001	2
24	INPUT SHAFT SEAL	5T07-1701080	1
25	RIGHT SEAL.DIFFERENTIAL	5T07-1701090	1
26	SEAL.CLUTCH FORK	5T07-1702030	2
27	LEFT SEAL .DIFFERENTIAL	5T07-1701010	1
28	BEARING 6204/YA/P63	4T08-1701130	1
29	DECLUTCH BEARING	5T07-1702010	1
30	BACK-UP LIGHT SWITCH	5T07-3729010	1

#### 4..Standard part

1	self-locking nut M8	GB/T6177.1-2000	20
2	self-locking nut M6	GB/T6177.1-2000	20
3	nut M10*1.25	GB/T-2000	20
4	nut M10*1.5	GB/T-2000	5
5	cotter pin 3.2*30	GB/T91-2000	3
6	cotter pin 4*40	GB/T91-2000	4
7	Bolt M15*1.5*190	GB/T5782-2000	2
8	Bolt M15*1.5*210	GB/T5782-2000	2
9	Bolt M15*1.5*80	GB/T5782-2000	2
10	Bolt M15*1.5*65	GB/T5782-2000	2
11	Nut M15*1.5	GB/T6185.1-2000	8
12	Bolt M16*2*85	GB/T5782-2000	2
13	Bolt M16*2*95	GB/T5782-2000	2
14	Bolt M16*2*65	GB/T5782-2000	2
15	Nut M16*2	GB/T6185.1-2000	6
18	bolt-washer M10*1.5*30	GB/T5787-1986	10
19	spring washer 10	GB/T93-1987	10

## PREPARATION ATTACH INSTRUCTION

### 1. Remove packing

Remove Packing

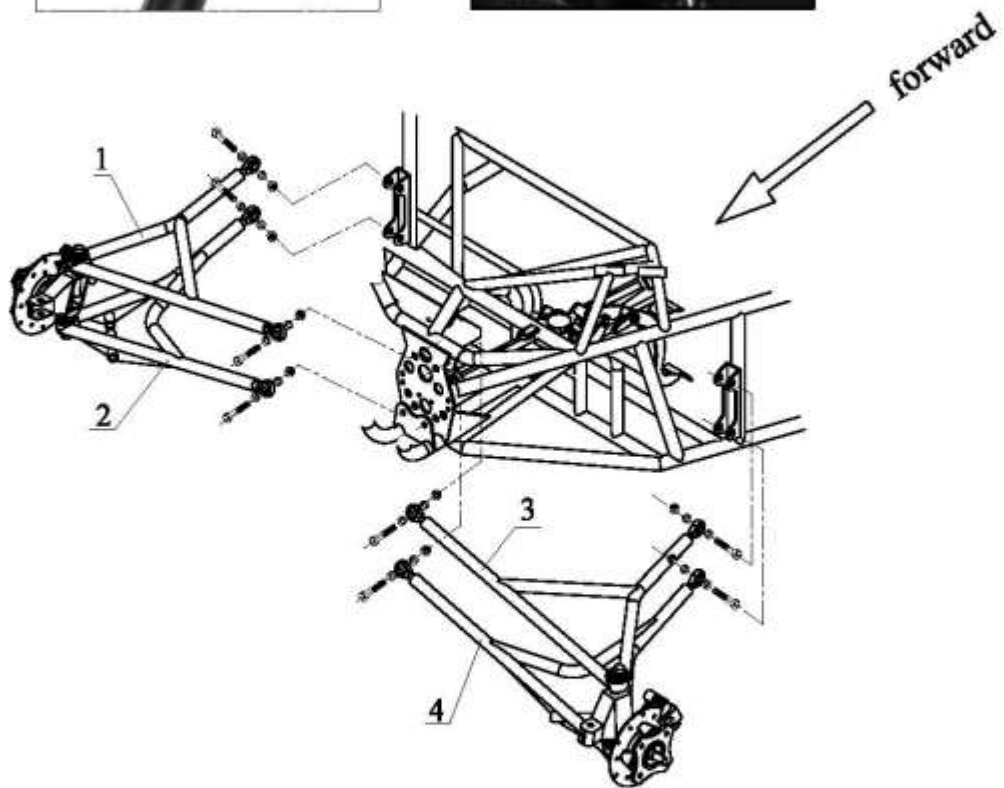


1.Remove Packing.

2.Unbolt both sides and top of crate,carefully remove,cut wire ties holding cart lift cart and slide remaining frame out from under.

## 2.Install the front suspension arm

Install the front suspension arm

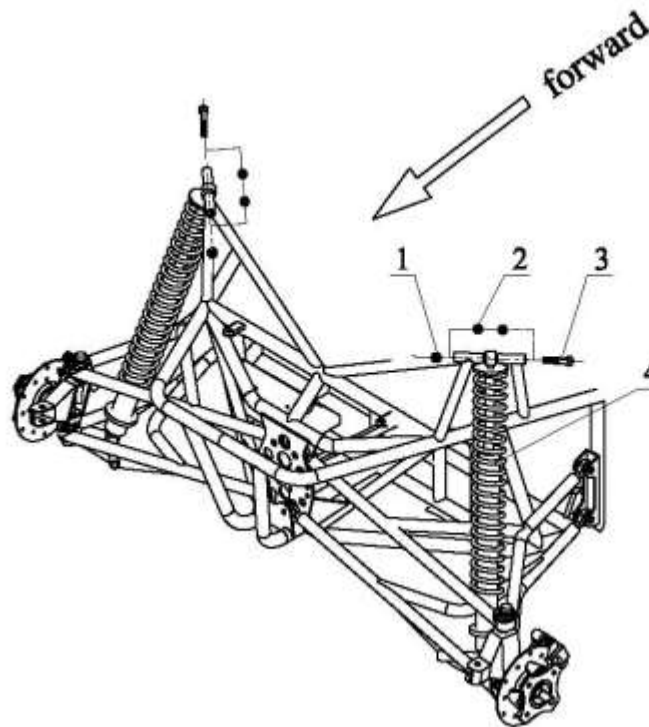


4	D800.02.01.01.00	FL lower suspension arm	1
3	D800.02.01.02.00	FL upper suspension arm	1
2	D800.02.01.04.00	FR lower suspension arm	1
1	D800.02.01.03.00	FR upper suspension arm	1
	No.	Description	Q' ty

1. Install the left upper suspension arm,F-3, and the left lower suspension arm,F-4 on the front of frame as the figure above.
2. Install the right suspension arms as above .  
Note: Before installing, put 3# Lithium-grease into the moving part .
3. Tighten the bolts and nuts with thread glue.

### 3. Attach front shock absorber

Attach front shock absorber

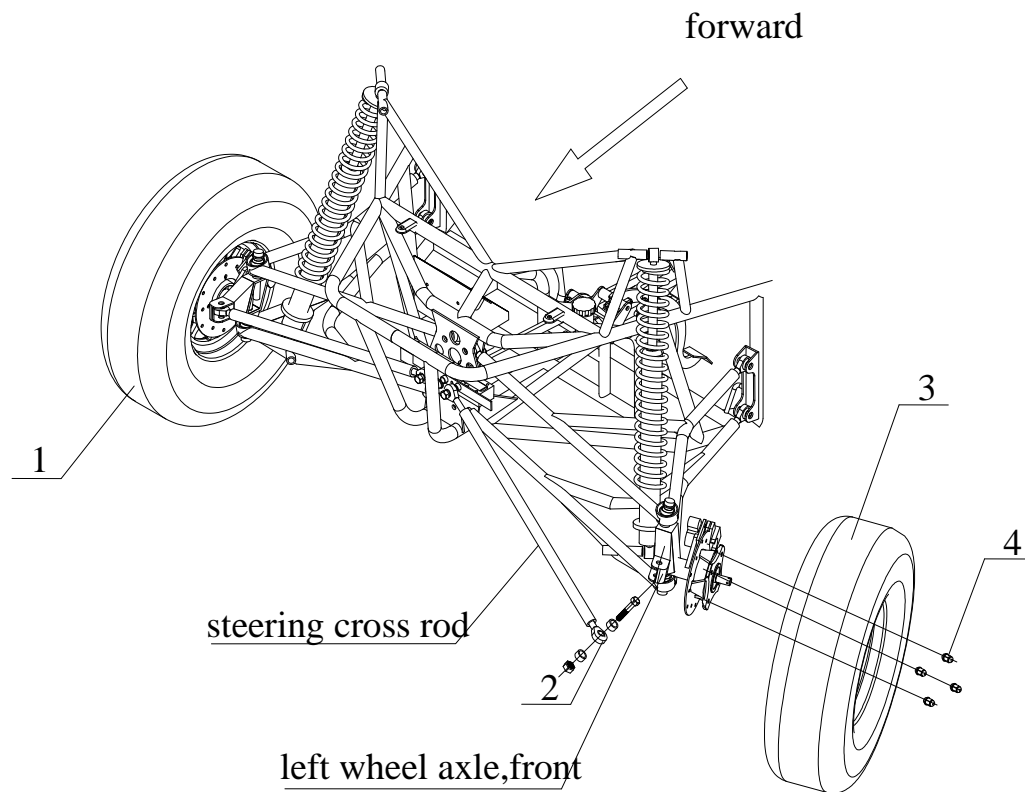


4	D800.02.03.01.00	front shocker absorber	2
3	5782-2000 M15*1.5*190	M15*1.5*190 bolt	2
2	D800.02.03.00.03	shocker spacer sleeve	4
1	6185.1-2000 M15*1.5	M15*1.5 nut	2
	No.	Description	Q' ty

1. Attach front shock absorber-4 on the frame , insert the bolt-3 and spacer sleeve-2, tighten nuts-1 with thread glue.

#### 4. Attach the rod end and front wheel

Attach tie rod end and front wheel



4	S650.03.02.00.02	wheel nut M12*1.5	8
3	D650.03.01.01.00H	,FL wheel(25*8-12)	1
2	D800.05.01.00.01	rod end bearing,POSA12LH	1
1	D650.03.01.02.00H	wheel(25*8-12),FR	1
	No.	Description	Q' ty

1. Install the shaft of outer tie rod end-2 to left wheel axle,front.

2. Install bolt,spacer sleeve,then tighten nut.

Note: don't adjust outer tie rod end as wheel alignment is done before packing.

3. Attach the wheel(25\*8-12),FL-3 on the hub, tighten the nuts.

4. Attach the wheel(25\*8-12),FR-1 as described above .

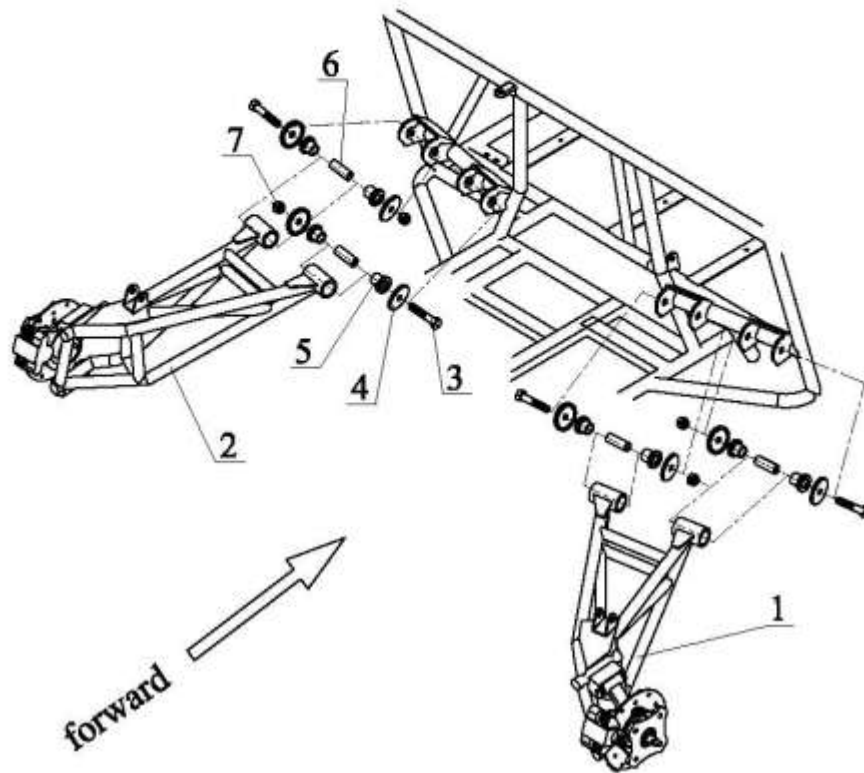
## 5. Attach tie rod and front wheel

Attach tie rod and front wheel



## 6. Attach the rear suspension arm

Attach the rear suspension arm



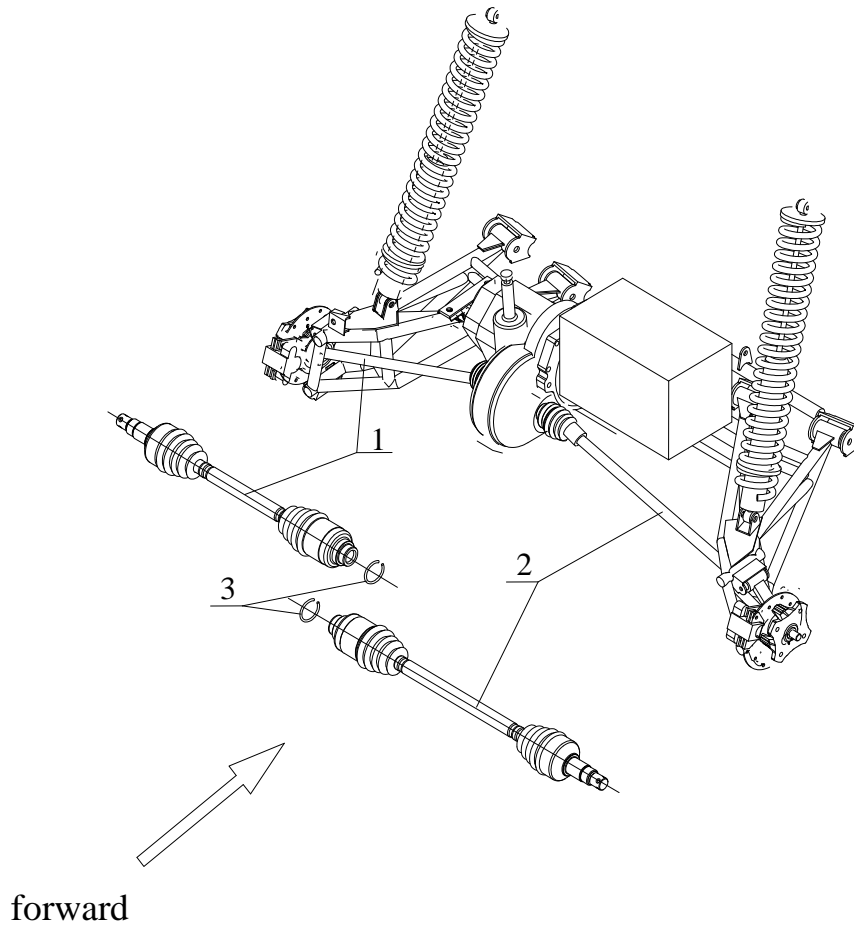
7	6177.1-2000 M16*2	M16*2 nut	4
6	D800.02.02.00.04	spacer sleeve	4
5	D800.02.02.00.02	powdered spacer sleeve	8
4	D800.02.02.00.03	grease seal, ? 46	8
3	5787-86 M16*2*125	M16*2*125 bolt	4
2	D800.02.02.02.00A	left rear suspension arm	1
1	SV1100.02.02.01.00A	right rear suspension arm	1
	No.	Description	Q' ty

1. Attach rear suspension arm, right-1 on the rear part of frame. Insert the M16\*2\*125 bolt-3, grease seal,  $\varnothing 46$ -4, powdered spacer sleeve-5 and spacer sleeve-6 in order as above. Tighten the bolts-3 and nuts-7 with threads glue.
2. Attach rear suspension arm, left-2 as described above.



## 6. Attach driver shaft

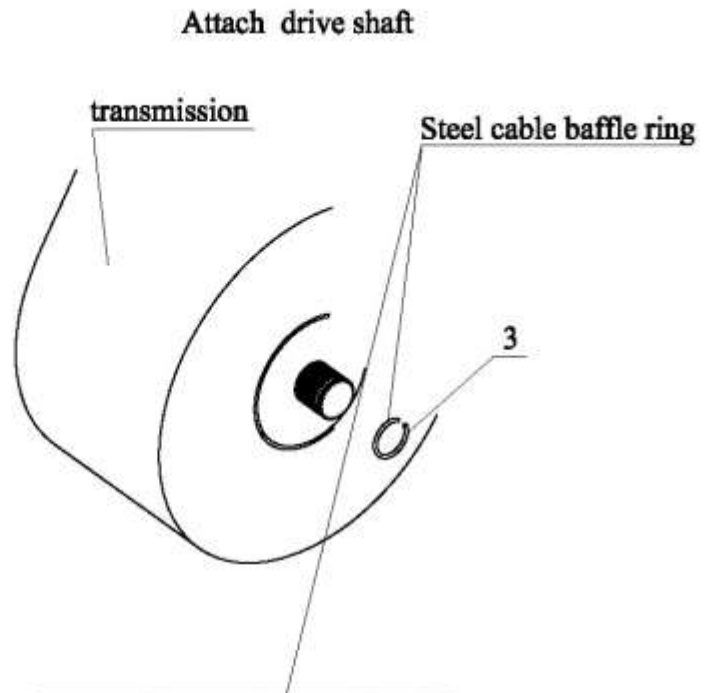
Attach drive shaft



3	2303016	steel cable baffle ring	1
2	SV800.03.02.02.00	right drive shaft	1
1	SV800.03.02.01.00	left drive shaft	1
	No.	Description	Q'ty

1. Check the steel cable baffle ring-3 in the groove of the output shaft of transmission.
2. Insert right drive shaft-2 onto the output shaft of transmission.
3. Attach the left side as figure .

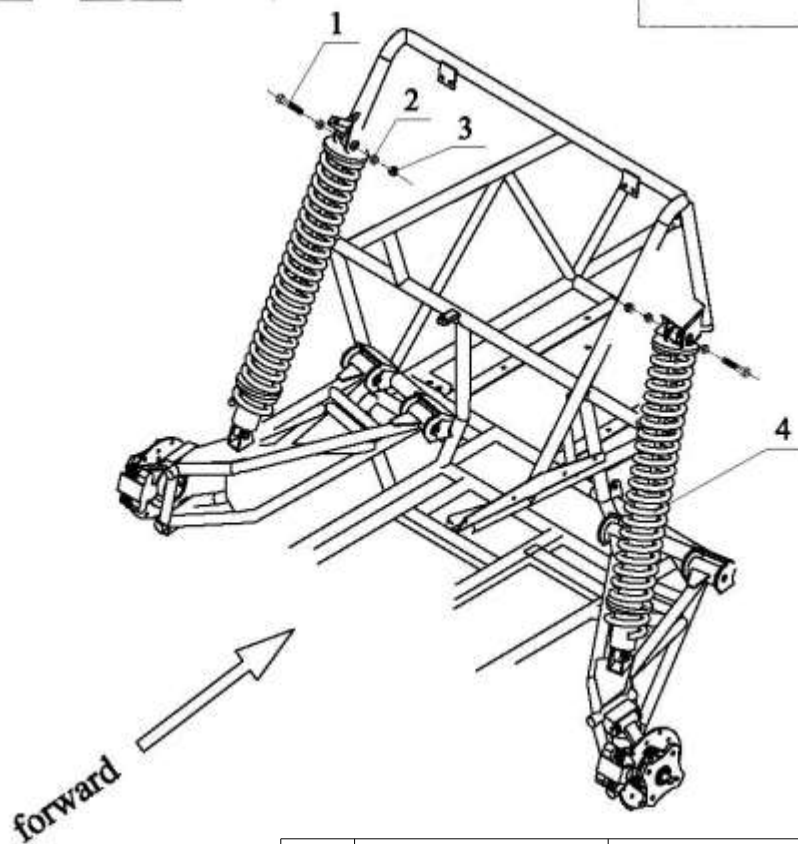
## 7. Attach driver shaft



1. Caution: the Steel cable baffle ring-3 must be confirmed in the groove both sides before attaching drive shaft.

## 8. Attach rear shock absorber

Attach rear shock absorber



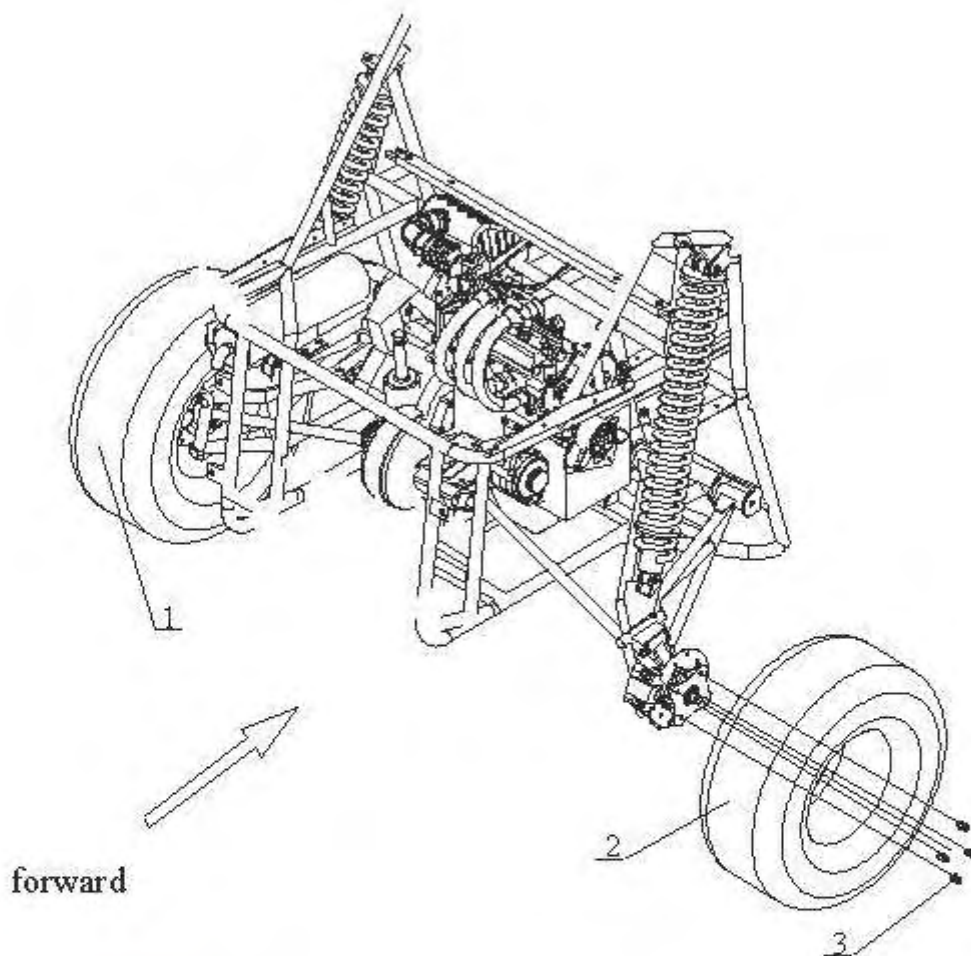
4	D800.02.03.02.00	rear shock absorber	2
3	85.1-2000 M15*1.5	M15*1.5 nut	2
2	D800.02.03.00.03	shocker spacer sleeve	4
1	5782-2000 M15*1.5*80	M15*1.5*80 bolt	2
	No.	Description	Q' ty

1. Attach rear shock absorber-4 on the frame , tighten the bolt-1 and nuts-3 with thread glue

10

## 9. Attach rear wheel

Attach rear wheel

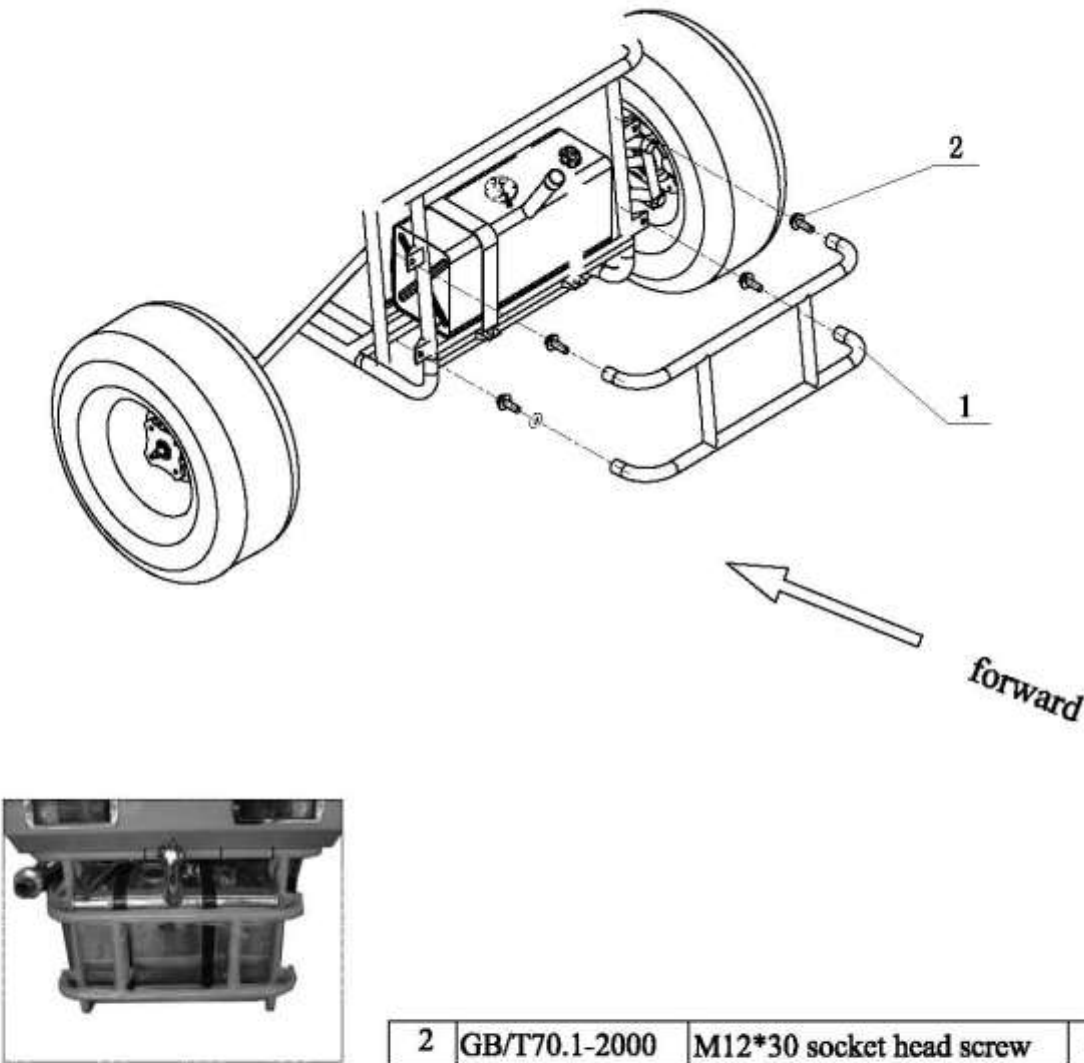


3	S650.03.02.00.02	wheel nut M12*1.5	8
2	D650.03.02.04.00H	wheel(25*11-12),BR	1
1	D650.03.02.01.00H	wheel(25*11-12),BL	1
	No.	Description	Q' ty

1. Attach wheel (25X11-12),BR-2 on the hub. tighten the nuts-3.
2. Attach the left side as above .

10.Attach rear bumper bar

Attach rear bumper bar

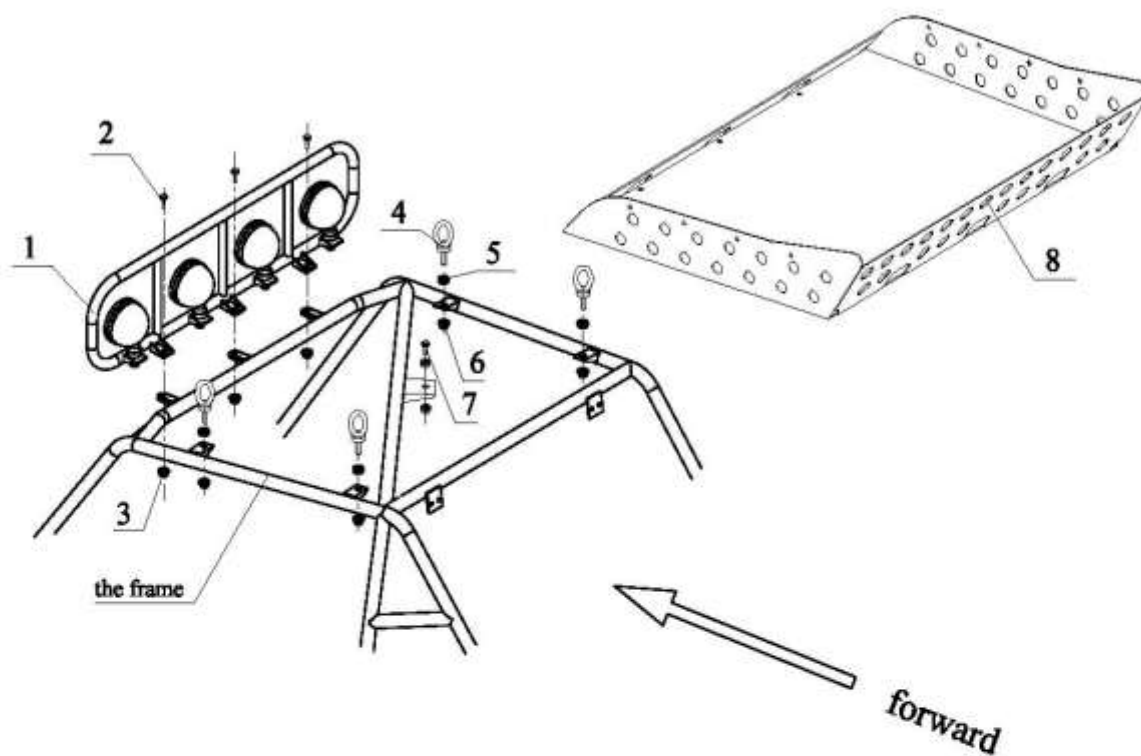


2	GB/T70.1-2000	M12*30 socket head screw	4
1	D800.01.02.03.00	rear bumper bar	
	No.	Description	Q'ty

1. Attach the rear bumper bar-1 as figure.
2. Tighten bolts-2.

## 11. Attach of spotlight and aluminum roof rack

Attach mount of spotlight and aluminium roof rack



8	SV800.01.02.03.00	aluminium roof rack	1
7	5787-1986 M10*1.25*30	bolt-washer M10*1.25*30	1
6	6177.1-2000 M10*1.25	self-locking nut M10*1.25	5
5	D1600.01.02.00.07	spacer	5
4	D1600.08.01.00.06	steel ring	4
3	6177.1-2000 M10*1.25	self-locking nut M10*1.25	3
2	5787-86 M10*1.25*20	bolt-washer M10*1.25*20	3
1	SV800.99.99.04.00	mount of spotlight	1
	No.	Description	Q'ty

1. Attach mount of spotlight -1 and aluminium roof rack-8 as figure.
2. Tighten bolts with thread glue.

## 12. Check vehicle

### Check vehicle



1. Before starting the engine check engine oil, gearbox oil and all plugs have good connection.  
check the level of coolant at the filler neck of inlet to radiator  
after leaving the cap off at this stage.  
check pressure in the tire; front tire: 0.1MP; rear tire: 0.1MP  
check all bolts and nuts are tight.
2. start engine, make sure oil warning light goes out within 5-10 seconds  
run engine until both radiator hoses are warm (about 5 minutes, < 80 degree).  
keeping watch coolant level at radiator filler neck, top up as it drops.  
install radiator cap and test drive gently for 2-3 minutes  
allow engine to cool, top up coolant in radiator, refit cap.

#### **WARNING:**

when the engine is at high temperature, never open radiator cap.

If you do that, the high temperature coolant will spray out and could cause serious burns. 14