

Assembly Instructions

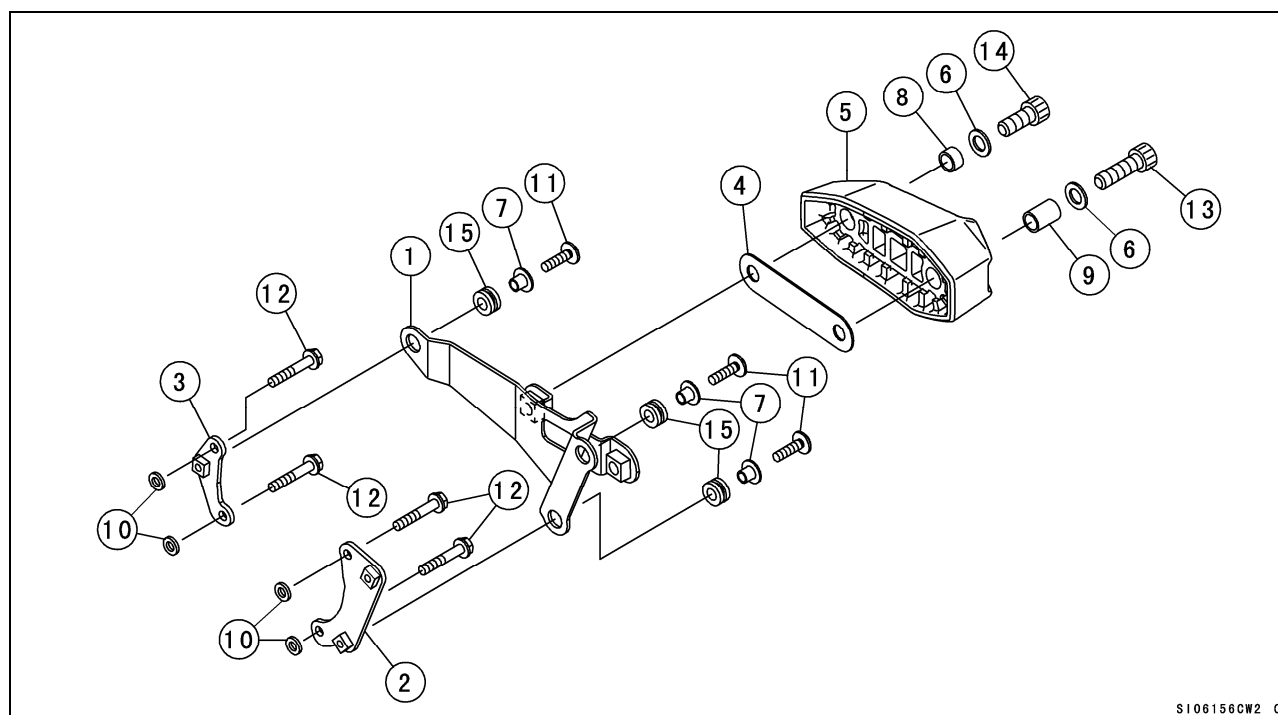
Description:	Engine Guard
Part Number:	99994-0349

Before you begin, read through these instructions and check that all parts are present.

Please note that Kawasaki cannot assume any responsibility for damage resulting from incorrect installation. Kawasaki recommends that all genuine accessories should be fitted by an authorized Kawasaki dealer.

Right Engine Guard

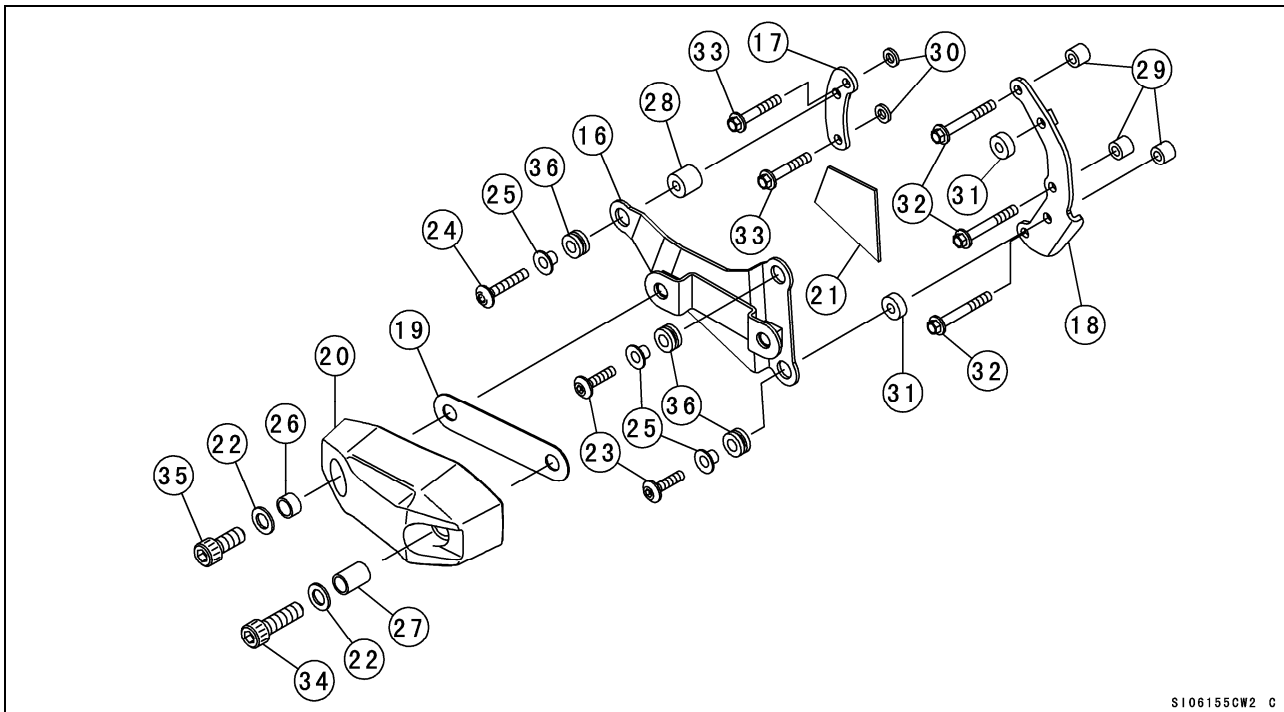
Parts List				
No.	Component Name	Part No.	Qty	Remark
1	Bracket	11056-2329	1	
2	Bracket	11056-2330	1	
3	Bracket	11056-2331	1	
4	Plate	13272-1440	1	
5	Engine Guard	39156-0758	1	
6	Washer	410AA1000	2	
7	Collar	92152-0237	3	L = 9.2 mm
8	Collar	92152-1661	1	L = 7.8 mm
9	Collar	92152-1662	1	L = 19.8 mm
10	Collar	92152-1713	4	L = 2 mm
11	Bolt	92153-1356	3	M6 × 22
12	Bolt	92153-1579	4	M6 × 35
13	Bolt	92154-1146	1	M10 × 35
14	Bolt	92154-1147	1	M10 × 25
15	Damper	92161-1545	3	



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Left Engine Guard

Parts List				
No.	Component Name	Part No.	Qty	Remark
16	Bracket	11056-2326	1	
17	Bracket	11056-2327	1	
18	Bracket	11056-2328	1	
19	Plate	13272-1440	1	
20	Engine Guard	39156-0758	1	
21	Pad	39156-0996	1	
22	Washer	410AA1000	2	
23	Bolt	92151-1611	2	M6 × 25
24	Bolt	92151-1835	1	M6 × 35
25	Collar	92152-0237	3	L = 9.2 mm
26	Collar	92152-1661	1	L = 7.8 mm
27	Collar	92152-1662	1	L = 19.8 mm
28	Collar	92152-1711	1	L = 15 mm
29	Collar	92152-1712	3	L = 10 mm
30	Collar	92152-1713	2	L = 2 mm
31	Collar	92152-1727	2	L = 6 mm
32	Bolt	92153-1575	3	M6 × 45
33	Bolt	92153-1579	2	M6 × 35
34	Bolt	92154-1146	1	M10 × 35
35	Bolt	92154-1147	1	M10 × 25
36	Damper	92161-1545	3	

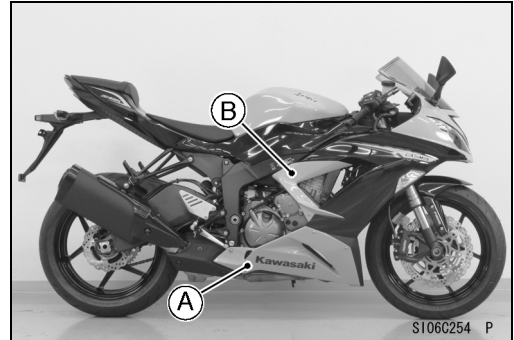


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Installation Instructions

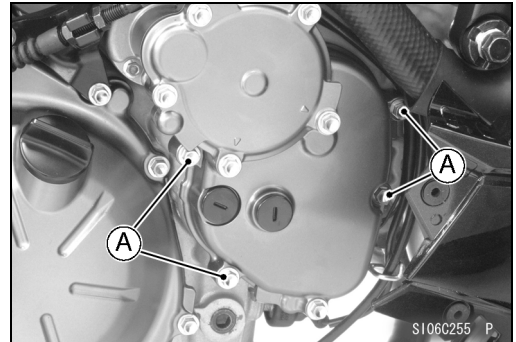
Assembly Procedure

- Remove the lower fairing [A] and fairing cover [B] (refer to the Service Manual).

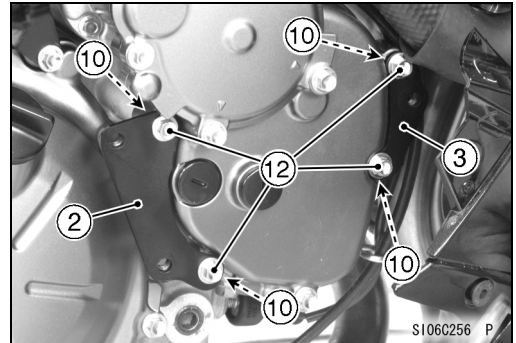


Right Engine Guard

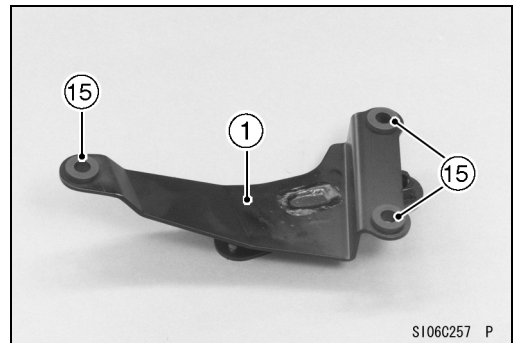
- Remove:
Starter Clutch Cover Bolts [A]



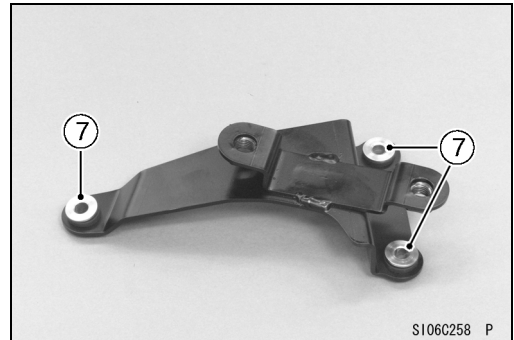
- Install:
Bracket [3]
Bracket [2]
Collars (L = 2 mm) [10]
Starter Clutch Cover Bolts (M6 × 35) [12]
Torque - Starter Clutch Cover Bolts: 9.8 N·m (1.0 kgf·m, 87 in·lb)



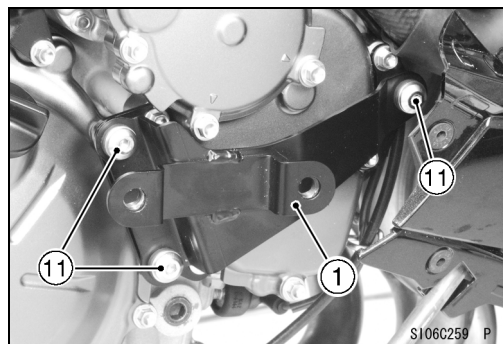
- Install the dampers [15] to the bracket [1] as shown.



- Install the collars [7].
○ Confirm the installation direction of the collar.

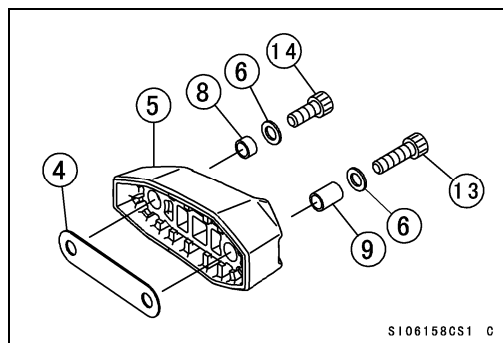


- Install:
Bracket [1]
Bolts (M6 × 22) [11]

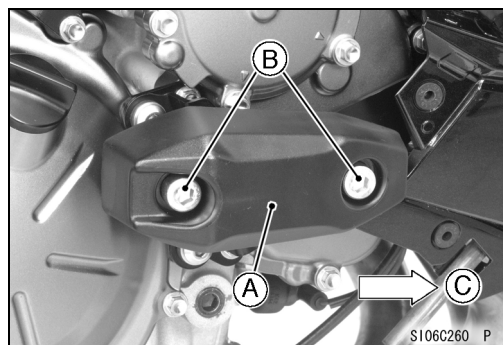


- Set the following parts as shown.

Plate [4]
Engine Guard [5]
Collar (L = 7.8 mm) [8]
Collar (L = 19.8 mm) [9]
Washers [6]
Bolts (M10 × 35) [13]
Bolts (M10 × 25) [14]

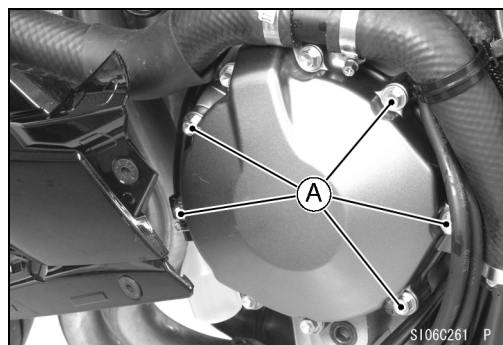


- Install the engine guard assy [A], and tighten the bolts [B] securely.
Front Side [C]

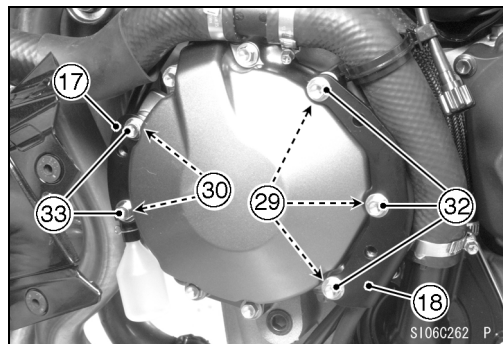


Left Engine Guard

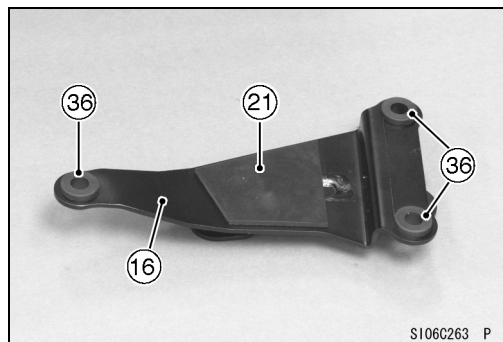
- Remove:
Alternator Cover Bolts [A]



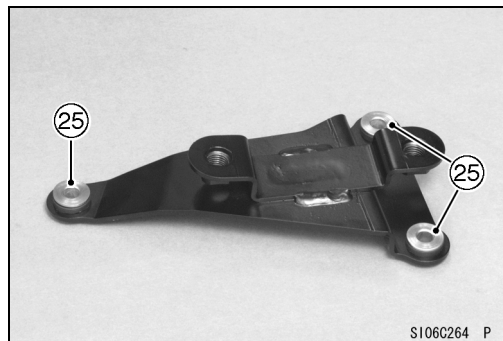
- Install:
Bracket [17]
Bracket [18]
Collars (L = 2 mm) [30]
Collars (L = 10 mm) [29]
Alternator Cover Bolts (M6 × 35) [33]
Alternator Cover Bolts (M6 × 45) [32]
Torque – Alternator Cover Bolts: 9.8 N·m (1.0 kgf·m, 87 in·lb)



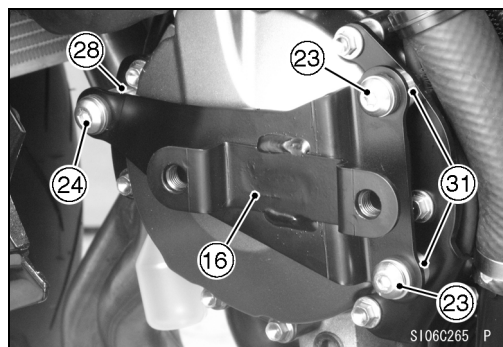
- Install the dampers [36] and pad [21] to the bracket [16] as shown.



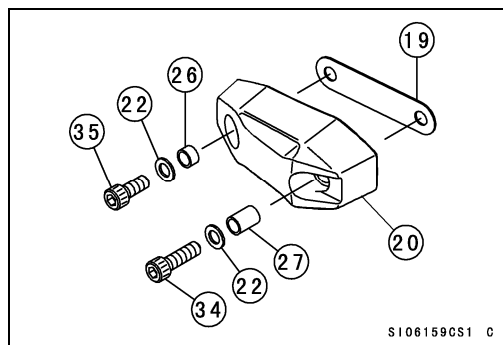
- Install the collars [25].
- Confirm the installation direction of the collar.



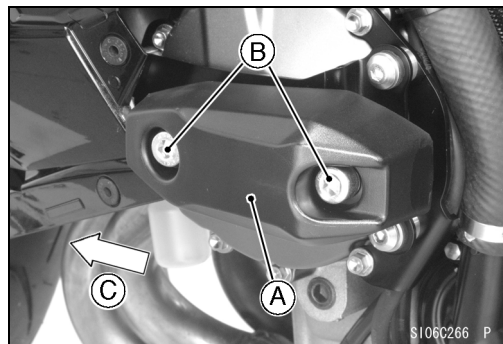
- Install:
Bracket [16]
Collar (L = 15 mm) [28]
Collars (L = 6 mm) [31]
Bolt (M6 × 35) [24]
Bolts (M6 × 25) [23]



- Set the following parts as shown.
Plate [19]
Engine Guard [20]
Collar (L = 7.8 mm) [26]
Collar (L = 19.8 mm) [27]
Washers [22]
Bolts (M10 × 35) [34]
Bolts (M10 × 25) [35]



- Install the engine guard assy [A], and tighten the bolts [B] securely.
Front Side [C]



- Install the lower fairing and fairing cover (refer to the Service Manual).

Basic Torque for General Fasteners

The table below, relating tightening torque to thread diameter, lists the basic torque for the bolts and nuts. Use this table for only the bolts and nuts which do not require a specific torque value. All of the values are for use with dry solvent-cleaned threads.

Threads dia. (mm)	Torque		
	N·m	kgf·m	ft·lb
5	3.4 ~ 4.9	0.35 ~ 0.50	30 ~ 43 in·lb
6	5.9 ~ 7.8	0.60 ~ 0.80	52 ~ 69 in·lb
8	14 ~ 19	1.4 ~ 1.9	10 ~ 13.5
10	25 ~ 34	2.6 ~ 3.5	19 ~ 25
12	44 ~ 61	4.5 ~ 6.2	33 ~ 45
14	73 ~ 98	7.4 ~ 10.0	54 ~ 72
16	115 ~ 155	11.5 ~ 16.0	83 ~ 115
18	165 ~ 225	17.0 ~ 23.0	125 ~ 165
20	225 ~ 325	23.0 ~ 33.0	165 ~ 240

Please check / adjust all screws at regular intervals.