

2C

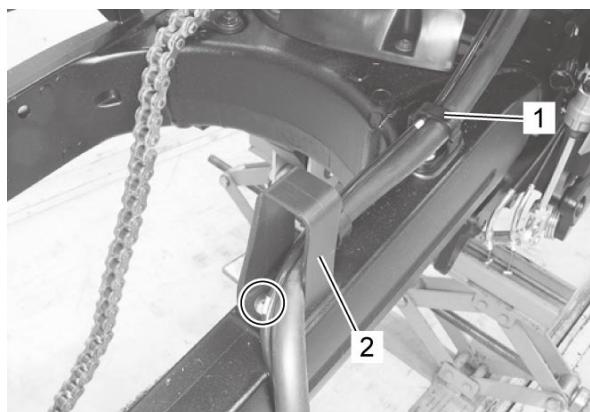


## Swingarm Removal and Installation

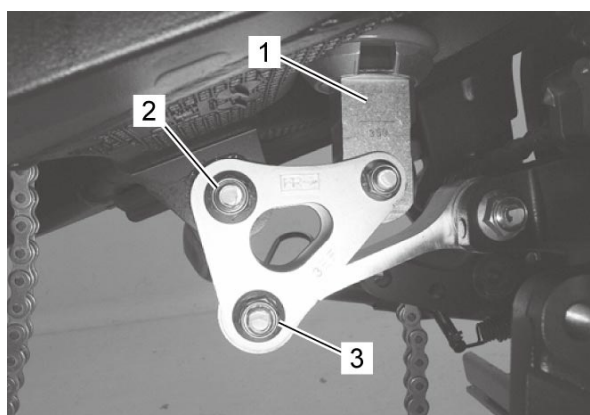
[Reference: Rear Suspension Components](#)

### Removal

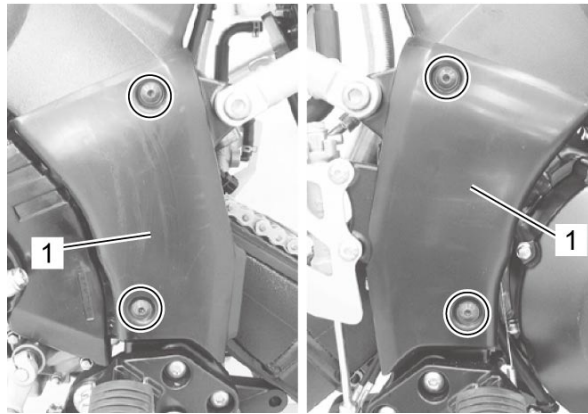
- 1) Remove the front exhaust pipe with the center exhaust pipe.
- 2) Remove the rear wheel assembly.
- 3) Disconnect the rear brake hose and remove the rear wheel speed sensor lead wire from the brake hose guide (1).
- 4) Remove the brake hose guide (2).



- 5) Remove the rear shock absorber (1).
- 6) Remove the cushion lever mounting bolt and nut (2).
- 7) Loosen the cushion rod (rear) mounting nut (3).



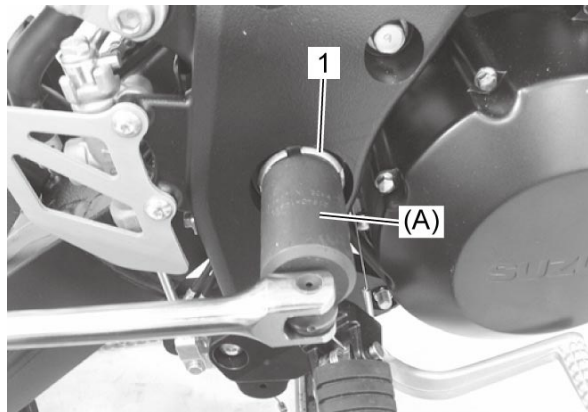
- 8) Remove the left and right pivot covers (1).



- 9)** Remove the swingarm pivot shaft lock-nut (1) with the special tool.

**Special Tool**

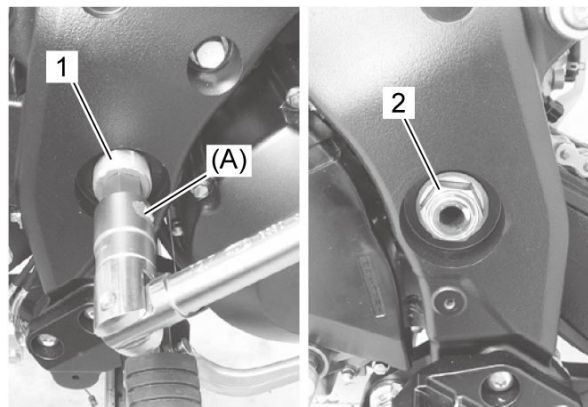
**(A): 09940-14940**



- 10)** Hold the swingarm pivot shaft (1) with the special tool and remove the swingarm pivot nut (2).

**Special Tool**

**(A): 09944-28321**

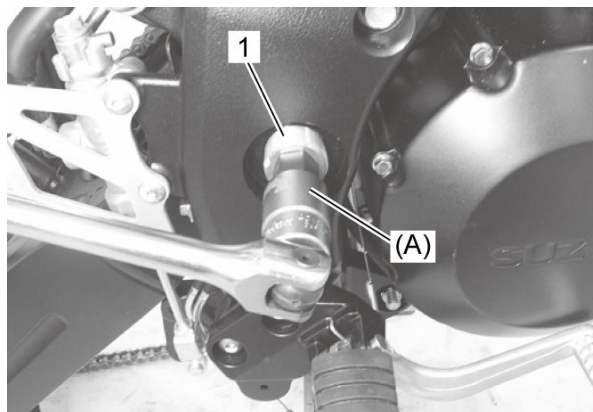




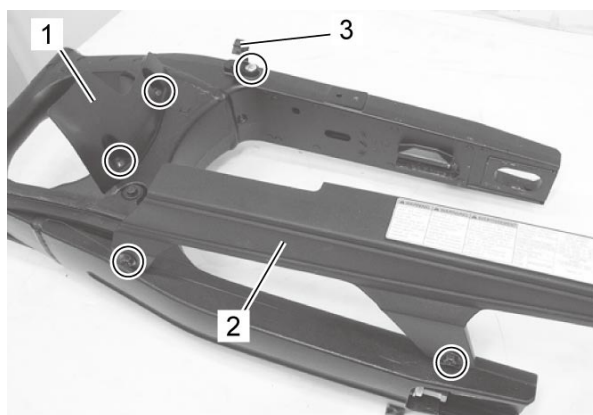
- 11)** Remove the swingarm assembly by removing the swingarm pivot shaft (1) with the special tool.

**Special Tool**

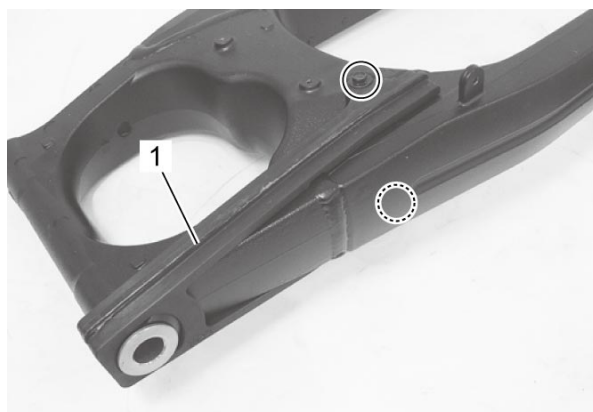
**(A):** 09944-28321



- 12)** Remove the mud guard (1), chain case (2) and guide (3) from the swingarm.

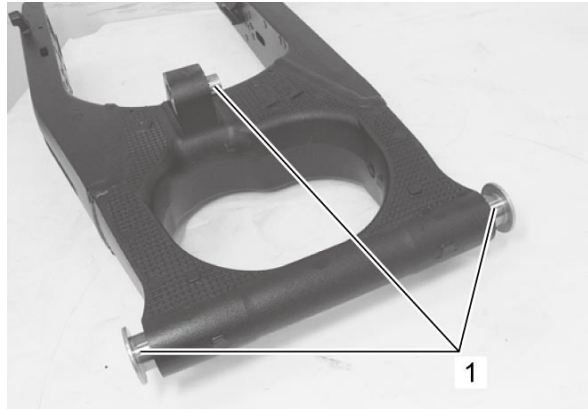


- 13)** Remove the chain buffer (1).

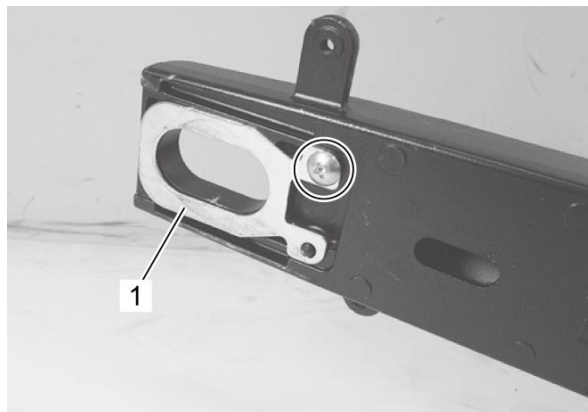




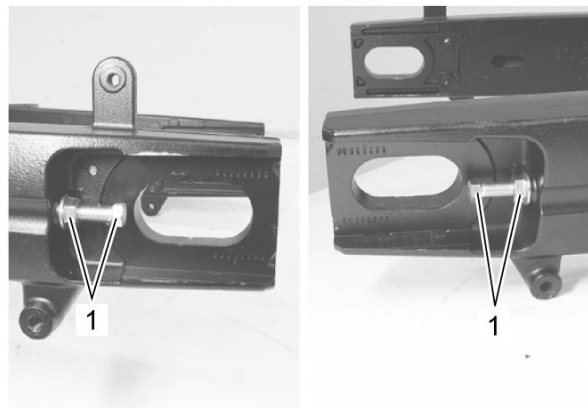
**14)** Remove the spacers (1) from the swingarm.



**15)** Remove the plate (1).



**16)** Remove the left and right drive chain adjuster bolts and nuts (1).

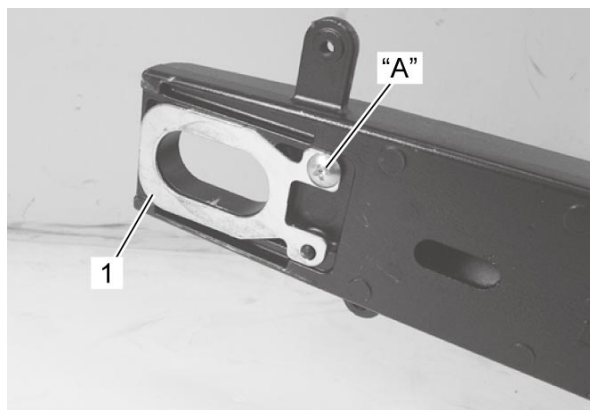


## Installation

**Reference: Swingarm Inspection**

- 1) Install the drive chain adjuster bolts and nuts to the swingarm.
- 2) When installing the plate (1), apply thread lock to the screw.

**"A": Thread lock cement 99000-32150 (THREAD LOCK CEMENT 1322D)**

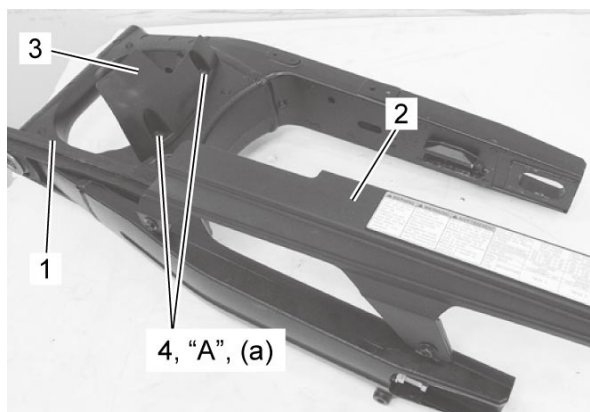


- 3) Install the spacers into the swingarm.
- 4) Install the chain buffer (1), chain case (2) and mud guard (3) to the swingarm.
- 5) Apply thread lock to the mud guard bolts (4), and them to the specified torque.

**"A": Thread lock cement 99000-32150 (THREAD LOCK CEMENT 1322D)**

**Tightening torque**

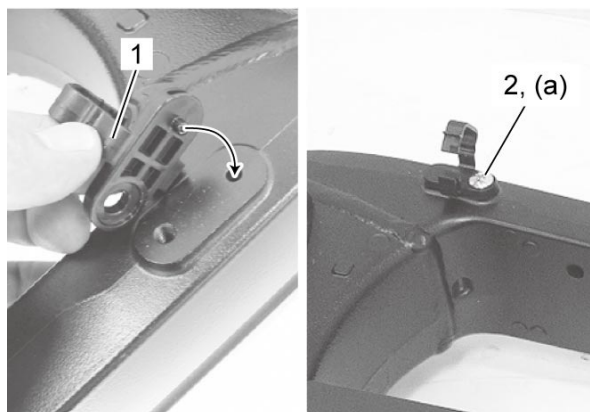
**Mud guard bolt (a): 6.5 N·m (0.65 kgf-m, 5.0 lbf-ft)**



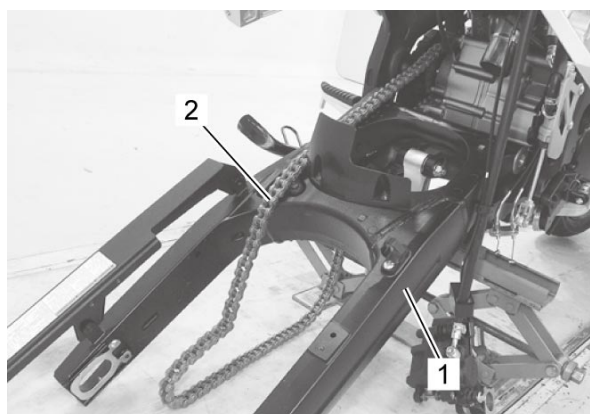
- 6) Insert the stopper of the brake hose guide (1) into the hole of the swingarm fully, before tighten the screw (2).

**Tightening torque**

**Brake hose guide screw (a): 5 N·m (0.5 kgf-m, 4.0 lbf-ft)**



- 7)** When installing the swingarm assembly (1), pass the chain (2) to the swingarm.



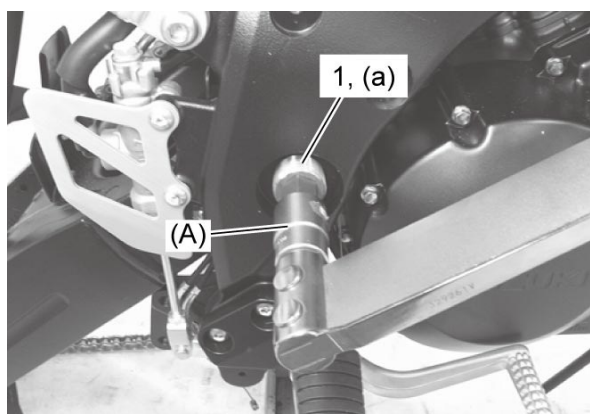
- 8)** Insert the swingarm pivot shaft (1) and tighten it to the specified torque.

**Special Tool**

**(A): 09944-28321**

**Tightening torque**

**Swingarm pivot shaft (a): 15 N·m (1.5 kgf-m, 11.0 lbf-ft)**





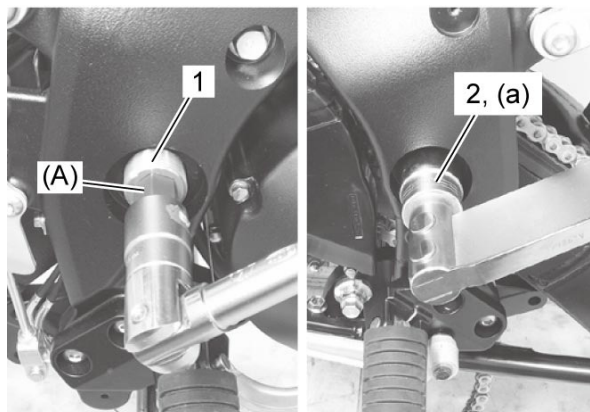
- 9)** Hold the swingarm pivot shaft (1) with the special tool and tighten the new swingarm pivot nut (2) to the specified torque.

**Special Tool**

**(A): 09944-28321**

**Tightening torque**

**Swingarm pivot nut (a): 100 N·m (10.0 kgf-m, 72.5 lbf-ft)**



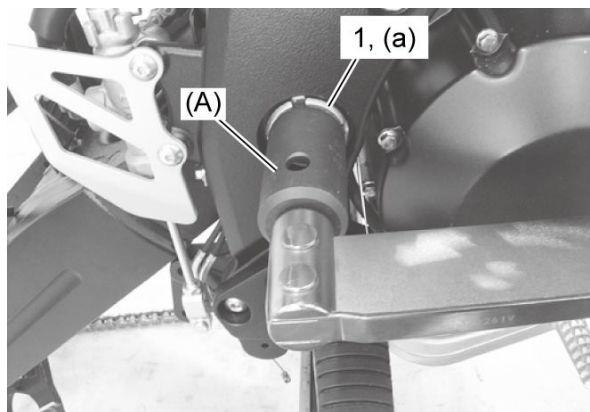
- 10)** Tighten the swingarm pivot lock-nut (1) to the specified torque with the special tool.


**Special Tool**

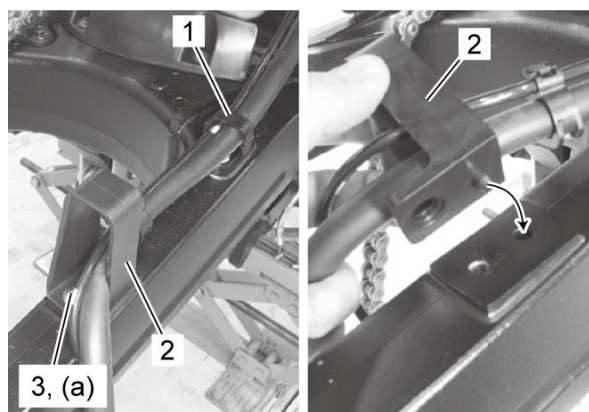
**(A): 09940-14940**

**Tightening torque**

**Swingarm pivot lock-nut (a): 90 N·m (9.0 kgf-m, 65.0 lbf-ft)**



- 11)** Install the pivot covers.
- 12)** Tighten the cushion rod (rear) mounting nut and cushion lever mounting nut. Refer to [Cushion Lever Removal and Installation](#).
- 13)** Install the rear shock absorber. 
- 14)** Connect the rear wheel speed sensor lead wire and rear brake hose into the brake hose guide (1). Refer to [Rear Brake Hose Routing Diagram](#) and [Rear Wheel Speed Sensor Routing Diagram](#).
- 15)** Insert the stopper of the brake hose guide (2) into the hole of the swingarm fully, before tightening the screw (3).

**Tightening torque****Brake hose guide screw (a): 5 N·m (0.5 kgf-m, 4.0 lbf-ft)**

**16)** Install the rear wheel assembly.

**17)** Install the front exhaust pipe with the center exhaust pipe.