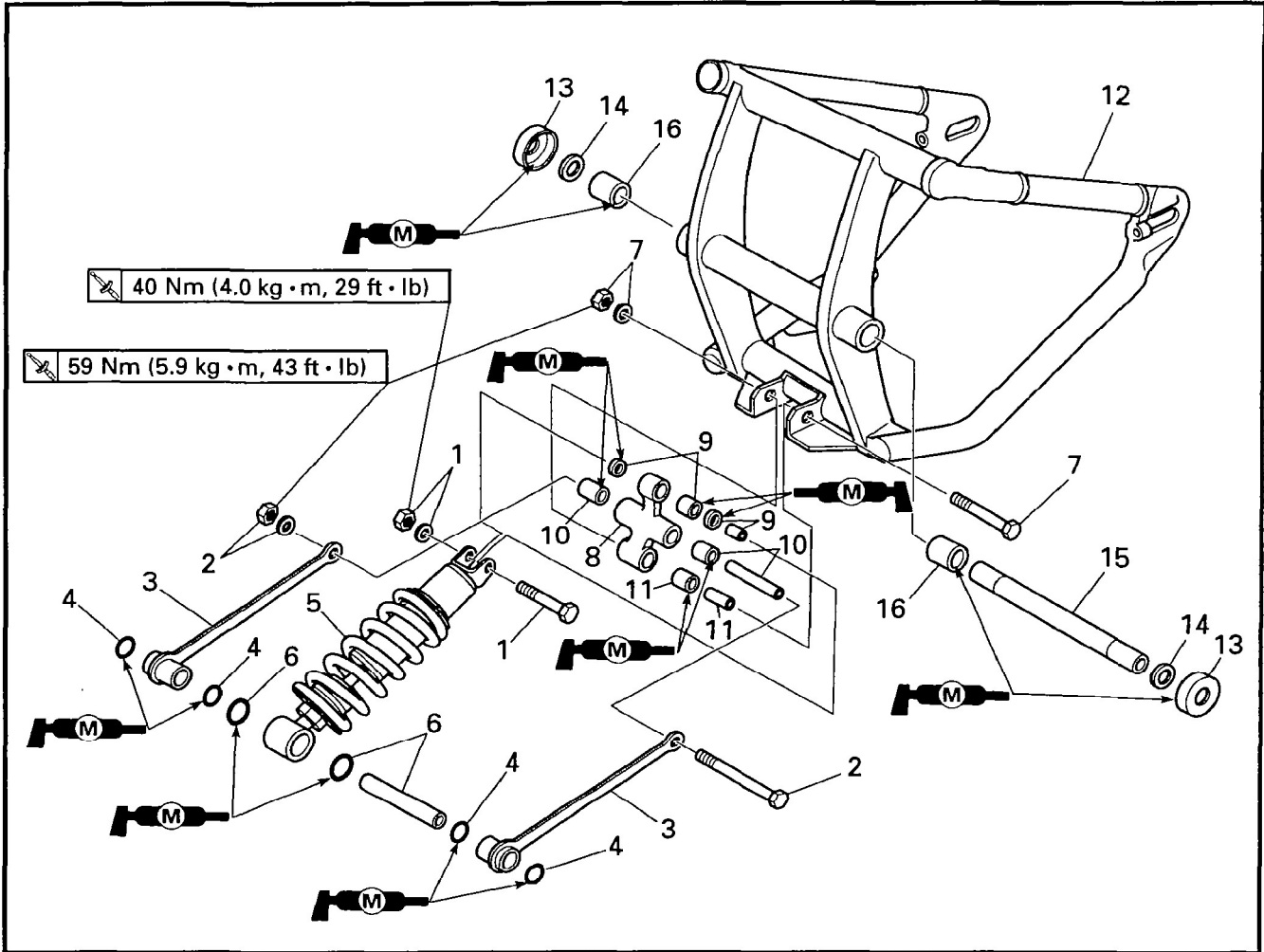


Order	Job/Part	Q'ty	Remarks
	Removing the rear shock absorber and swingarm		Remove the parts in the order listed.
1	Self-locking nut/washer/bolt	1/1/1	Bolt $l = 53$ mm (2.19 in)
2	Self-locking nut/washer/bolt	1/1/1	Bolt $l = 124$ mm (4.88 in)
3	Connecting arm	2	
4	O-ring	4	
5	Rear shock absorber	1	
6	Spacer/O-ring	1/2	
7	Self-locking nut/washer/bolt	1/1/1	Bolt $l = 77$ mm (3.03 in)
8	Relay arm	1	
9	Spacer/oil seal/bearing	1/2/1	
10	Spacer/bearing	1/2	



Order	Job/Part	Q'ty	Remarks
11	Spacer/bearing	1/1	
12	Swingarm	1	
13	Dust cover	2	
14	Washer	2	
15	Spacer	1	
16	Bearing	2	
			For installation, reverse the removal procedure.



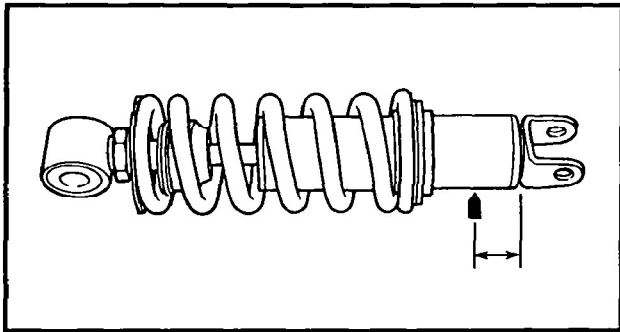
EAS00686

HANDLING THE REAR SHOCK ABSORBER

⚠ WARNING

This rear shock absorber contains highly compressed nitrogen gas. Before handling the rear shock absorber, read and make sure you understand the following information. The manufacturer cannot be held responsible for property damage or personal injury that may result from improper handling of the rear shock absorber.

- Do not tamper or attempt to open the rear shock absorber.
- Do not subject the rear shock absorber to an open flame or any other source of high heat. High heat can cause an explosion due to excessive gas pressure.
- Do not deform or damage the rear shock absorber in any way. Rear shock absorber damage will result in poor damping performance.



EAS00689

DISPOSING OF A REAR SHOCK ABSORBER AND GAS CYLINDER

Gas pressure must be released before disposing of a rear shock absorber and gas cylinder. To release the gas pressure, drill a 2 ~ 3-mm (0.08 ~ 0.12 in) hole through the gas cylinder at a point 15 mm (0.6 in) from its end as shown.

⚠ WARNING

Wear eye protection to prevent eye damage from released gas or metal chips.

EAS00703

REMOVING THE REAR SHOCK ABSORBER AND SWINGARM

1. Stand the motorcycle on a level surface.

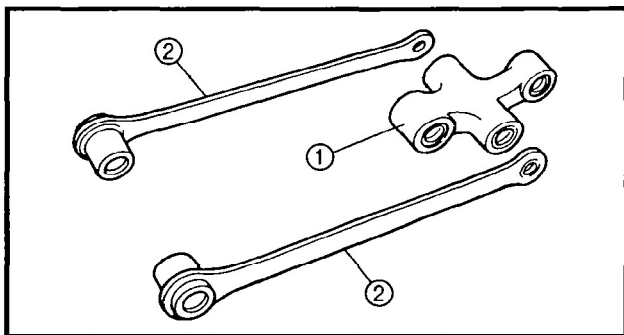
⚠ WARNING

Securely support the motorcycle so that there is no danger of it falling over.

NOTE:

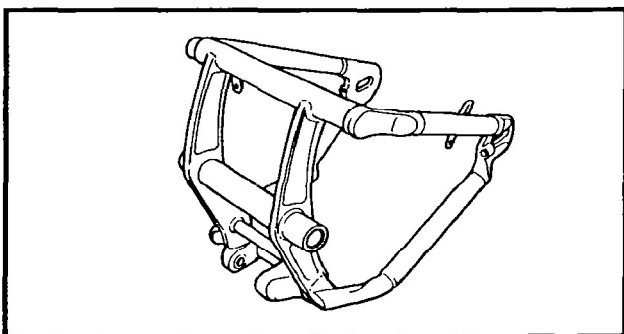
Place the motorcycle on a suitable stand so that the rear wheel is elevated.

- spring
Damage/wear → Replace the rear shock absorber assembly.
- gas cylinder
Damage/gas leaks → Replace.
- bushings
Damage/wear → Replace.
- O-ring
Damage/wear → Replace.
- bolts
Bends/damage/wear → Replace.



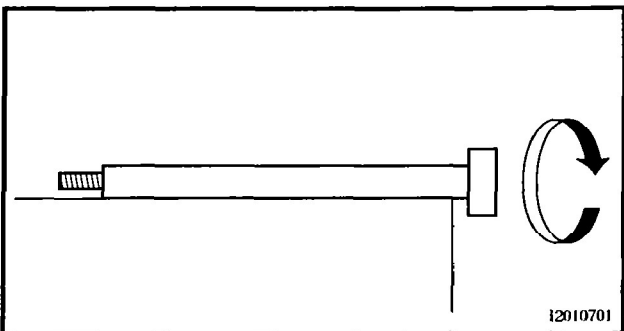
CHECKING THE RELAY ARM AND CONNECTING ARM

1. Check:
- relay arm ①
 - connecting arms ②
Damage/wear → Replace.
 - bearings
 - oil seals
Damage/pitting → Replace.
 - spacers
 - Damage/scratches → Replace.



CHECKING THE SWINGARM


1. Check:
- swingarm
Bends/cracks/damage → Replace.



2. Check:
- pivot shaft
Roll the pivot shaft on a flat surface.
Bends → Replace.

⚠ WARNING
Do not attempt to straighten a bent pivot shaft.


- 3. Wash:
 - pivot shaft
 - dust covers
 - spacer
 - bearings

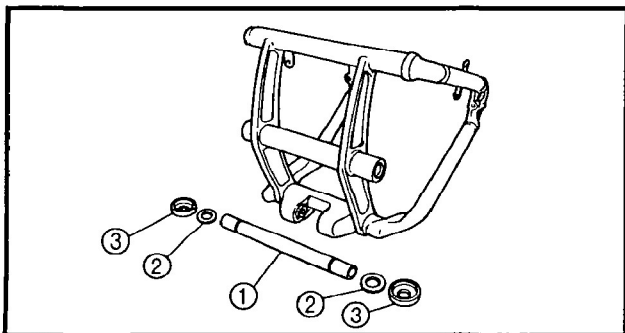
	Recommended cleaning solvent Kerosine
-----------------------------------------------------------------------------------	-------------------------------------------------

- 4. Check:
 - dust covers
 - spacer
 - oil seals
Damage/wear → Replace.
 - bearings
Damage/pitting → Replace.

EAS00711
INSTALLING THE REAR SHOCK ABSORBER AND SWINGARM

- 1. Lubricate:
 - bearings
 - spacers
 - dust covers
 - O-rings
 - pivot shaft

	Recommended lubricant Molybdenum disulfide grease
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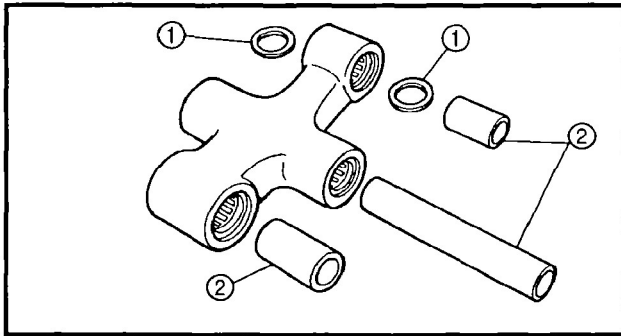
- 2. Install:
 - bearings
 - spacer ①
 - washers ②
 - dust covers ③

REAR SHOCK ABSORBER AND SWINGARM

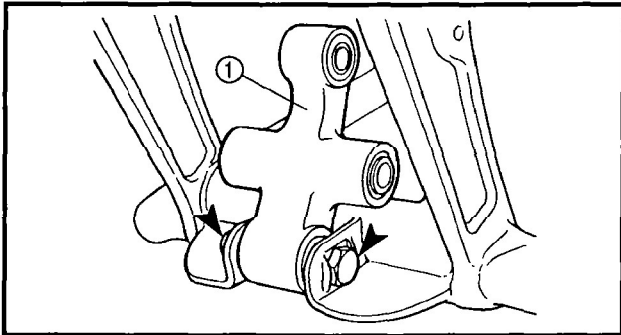
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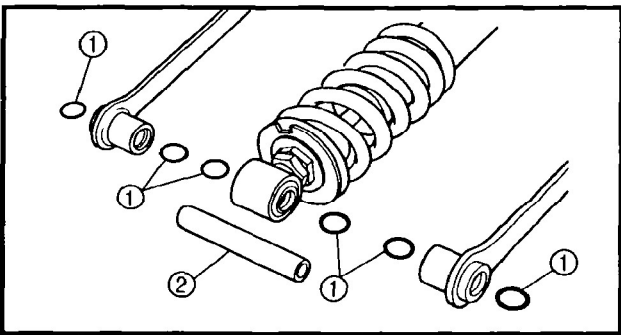


3. Install:
- bearings
 - oil seals ①
 - spacers ②

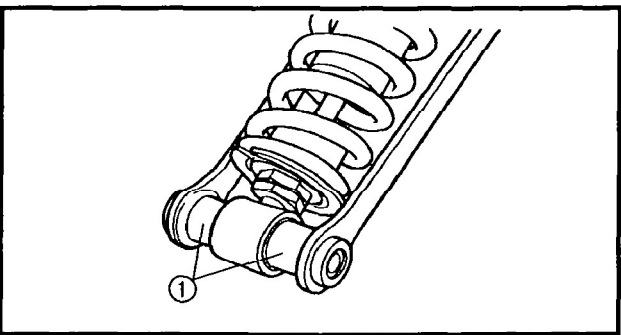


4. Install:
- relay arm ①
(onto the swingarm)

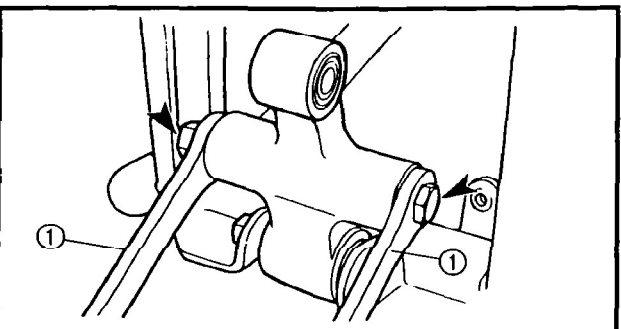
59 Nm (5.9 m · kg, 43 ft · lb)



5. Install:
- o-rings ①
 - spacer ②

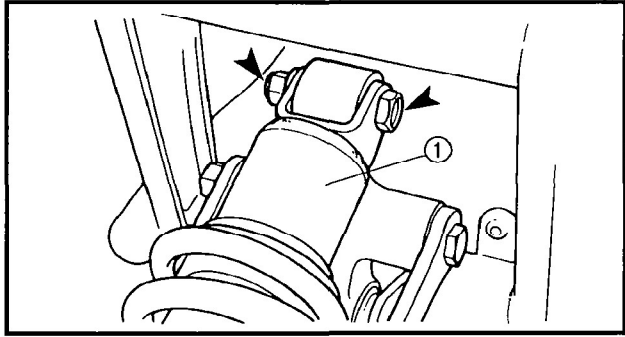


6. Install:
- connecting arms ①
(onto the rear shock absorber)




7. Install:
- connecting arms ①
(onto the relay arm)


59 Nm (5.9 m · kg, 43 ft · lb)



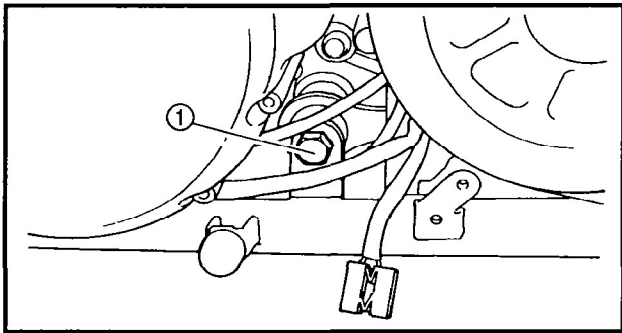
8. Install:
- rear shock absorber ①
(onto the relay arm)

 40 Nm (4.0 m · kg, 29 ft · lb)

9. Install:
- rear shock absorber and swingarm assembly
 - pivot shaft
 - washer
 - pivot shaft nut

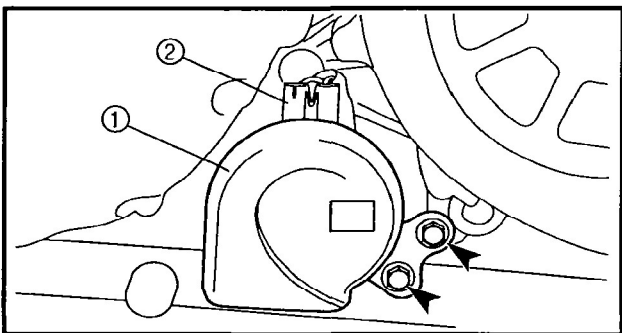
 125 Nm (12.5 m · kg, 90 ft · lb)

- covers

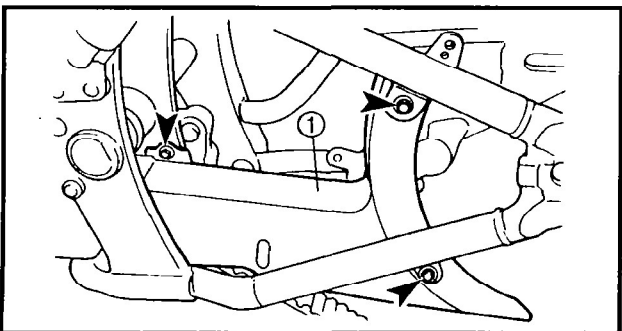


10. Install:
- bolt (shock absorber - connecting arm - frame) ①

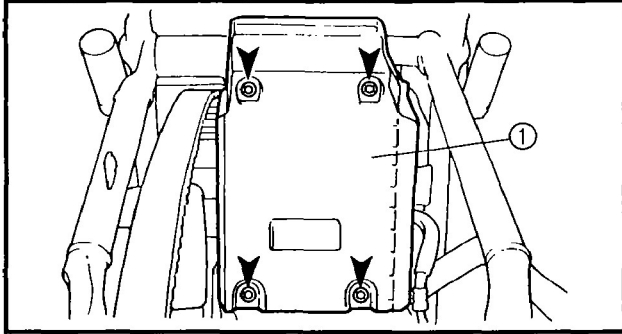
NOTE: _____
 When installing the bolt (shock absorber - connecting arm - frame), hold the swingarm so that it does not drop down.



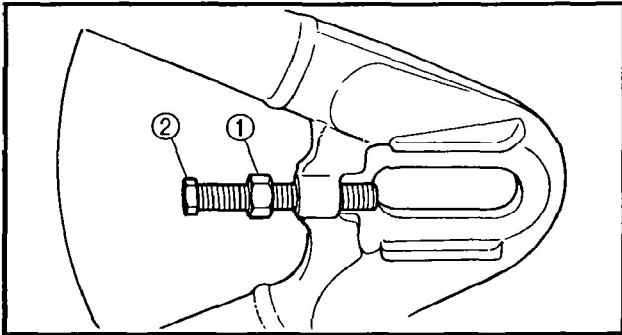
11. Install:
- horn ①
12. Connect:
- horn coupler ②



13. Install:
- lower drive belt cover ①



- 14.Install:
- mud guard ①



- 15.Install:
- locknut ①
 - adjusting bolt ②

- 16.Install:
- rear wheel
Refer to "REAR WHEEL, BRAKE DISC AND REAR WHEEL PULLEY".

- 17.Adjust:
- drive belt slack
Refer to "ADJUSTING THE DRIVE BELT SLACK" in chapter 3.