

REPAIR GUIDELINE

String Trimmer Attachment_PSA1000



Version: 1

Issue Date: 12/02/2016

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Troubleshooting

Problem	Possible Cause	Fault Position	Test & Solution
Loose chain	Chain-tensioning screw is not adjusted correctly	Gear case assembly	Adjust the chain-tensioning screw
Won't run	Gear worn	Gear case assembly	Replace the gear case with a new one
Noise	No oil	Gear case assembly	Add oil

Tool List For Repair

NO.	Tool List	SPEC	Remark
1	Needle-nose pliers		
2	Hex wrench	4mm, 5mm	
3	Phillips	PH2	

Part 1: Replace the Chain and Pinion Assembly

Replace the Chain and Pinion Assembly

1. Loosen the screw to remove the cover assembly.

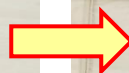
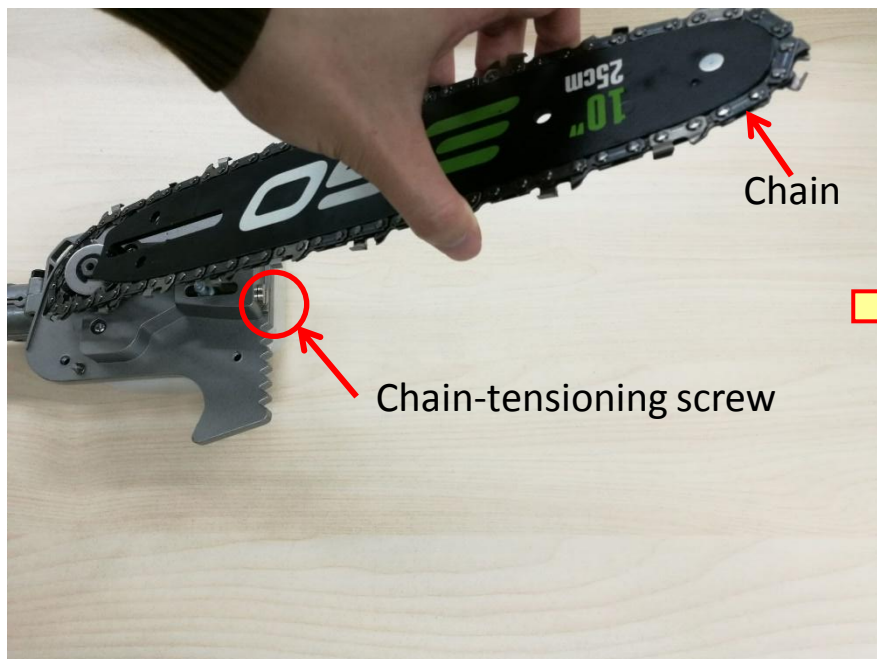


Description	Part Number	Quantity
Screw	5640256001	1
Cover assembly	2824778002	1

Replace the Chain and Pinion Assembly

2. Take the bar and chain assembly away.

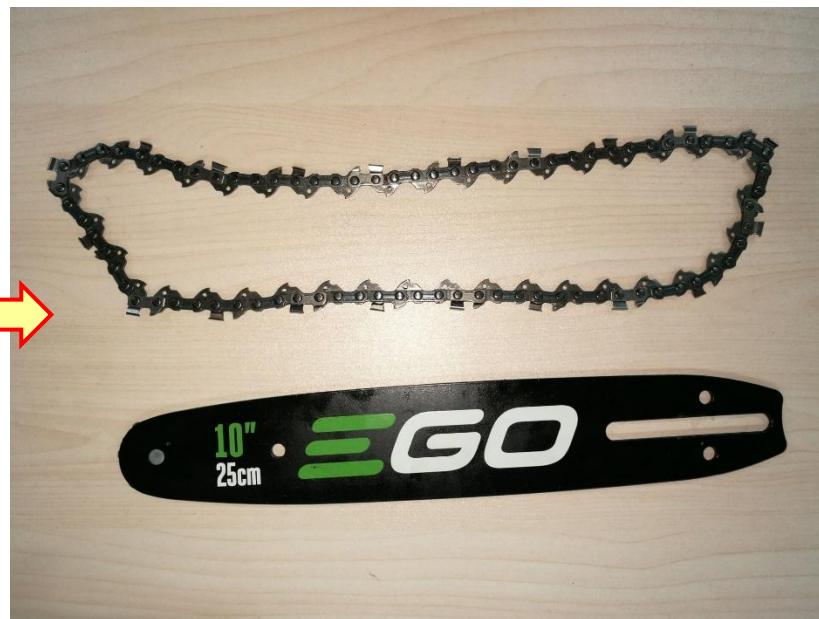
NOTICE: If there is any difficulty in removing the bar and chain from then mounting surface, loosen the chain-tensioning screw anticlockwise to remove them easily.



Description	Part Number	Quantity
Chain	3810672001	1
Bar	3706017001	1

Replace the Chain and Pinion Assembly

3. Separate the chain from the bar.



Replace the Chain and Pinion Assembly

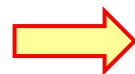
4. Use a stick to lever the E-ring and remove it.



Description	Part Number	Quantity
E-ring	5660028001	1

Replace the Chain and Pinion Assembly

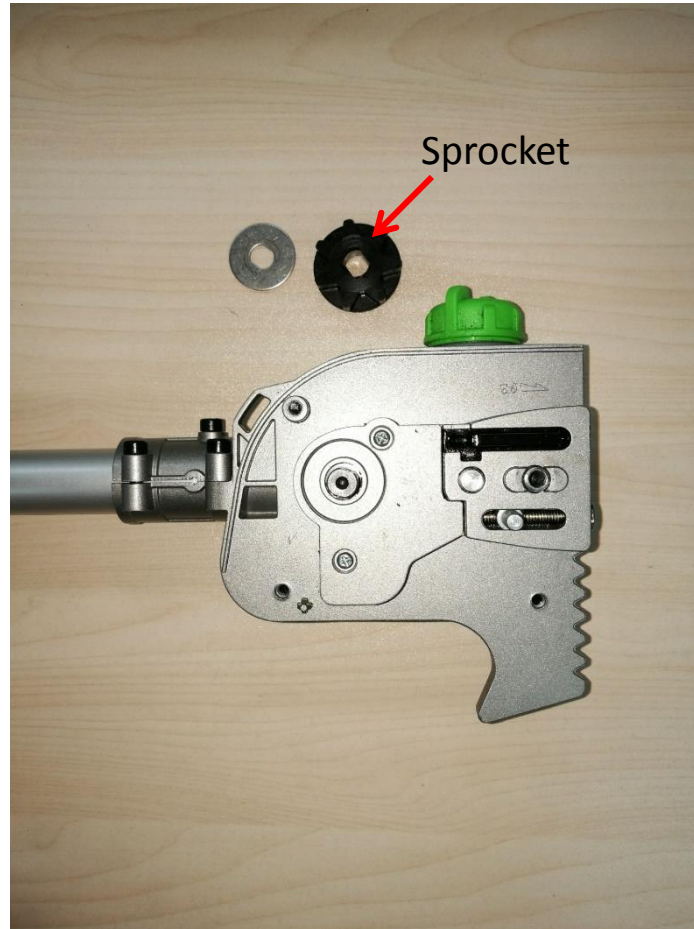
5. Remove the washer from the shaft.



Description	Part Number	Quantity
Washer	5660208001	1

Replace the Chain and Pinion Assembly

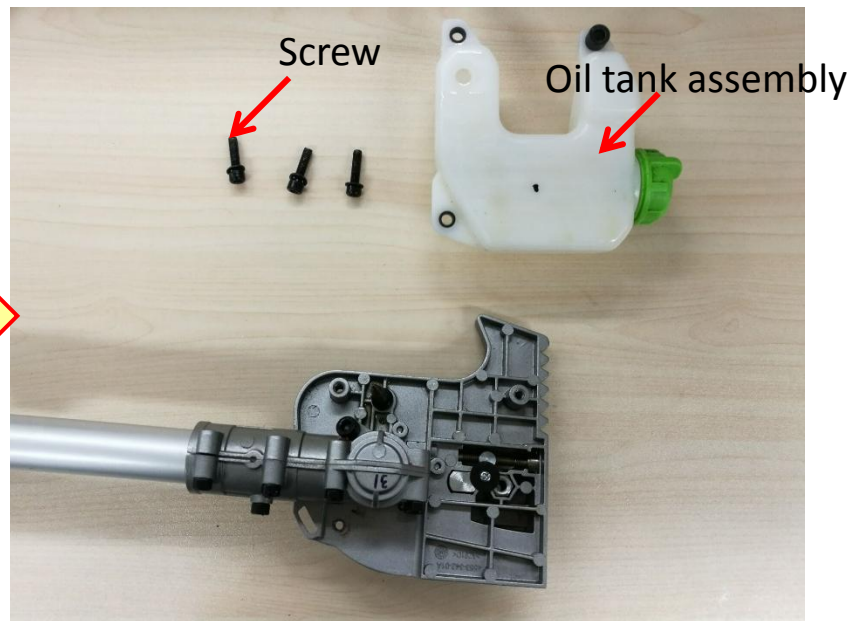
6. Take the sprocket off the shaft.



Description	Part Number	Quantity
Sprocket	3421960001	1

Replace the Chain and Pinion Assembly

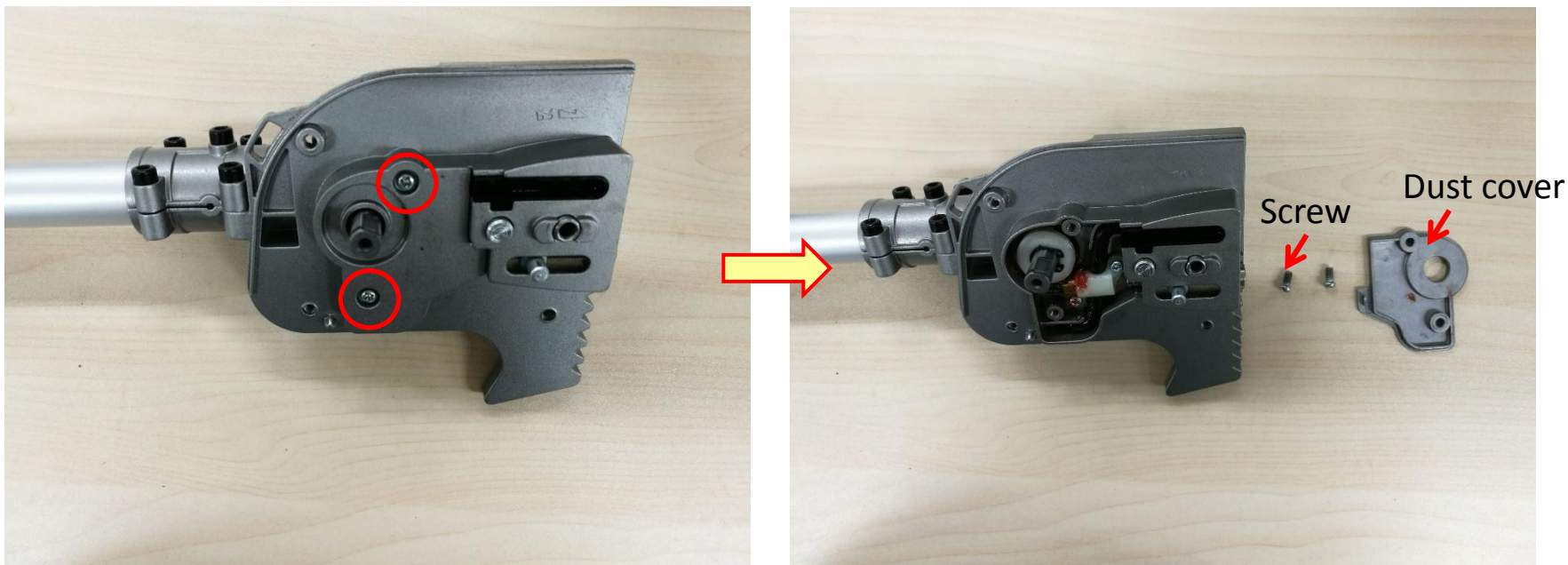
7. Loosen 3 screws to remove the oil tank assembly.



Description	Part Number	Quantity
Screw	5620434003	3

Replace the Chain and Pinion Assembly

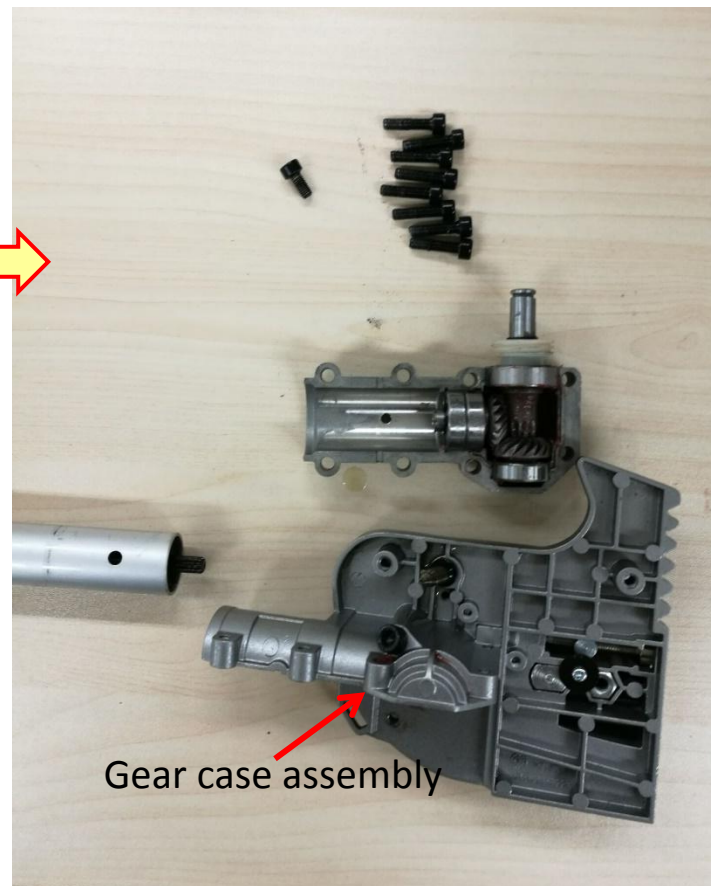
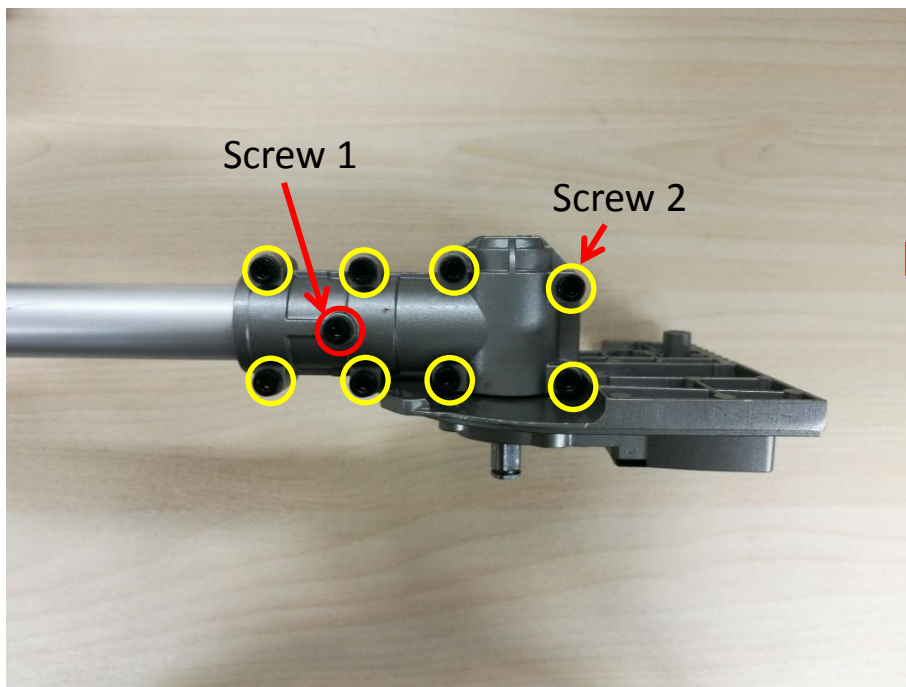
8. Loosen 2 screws to remove the dust cover.



Description	Part Number	Quantity
Screw	5620354001	2

Replace the Chain and Pinion Assembly

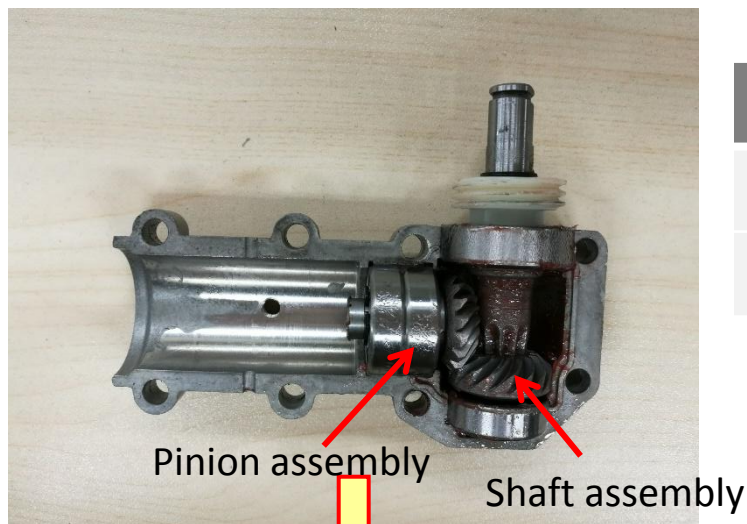
9. Loosen 9 screws to disassemble the gear case assembly.



Description	Part Number	Quantity
Screw 1	5620213003	1
Screw 2	5620434003	8
Gear case assembly	2824813001	1

Replace the Chain and Pinion Assembly

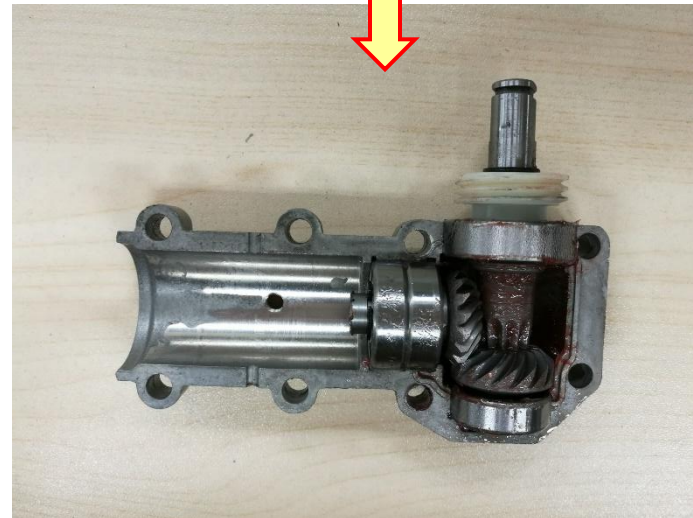
10. Take the pinion assembly and shaft assembly out of the gear case assembly. If the pinion assembly was broken or worn, replace it with a new one.



Description	Part Number	Quantity
Pinion assembly	2824779002	1
Shaft assembly	2823487002	8

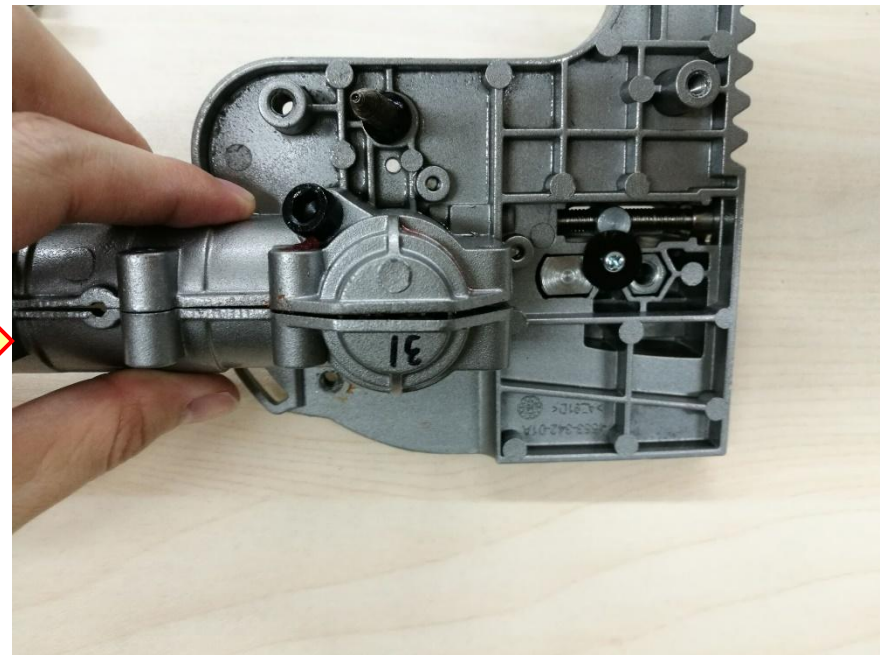
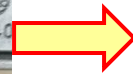
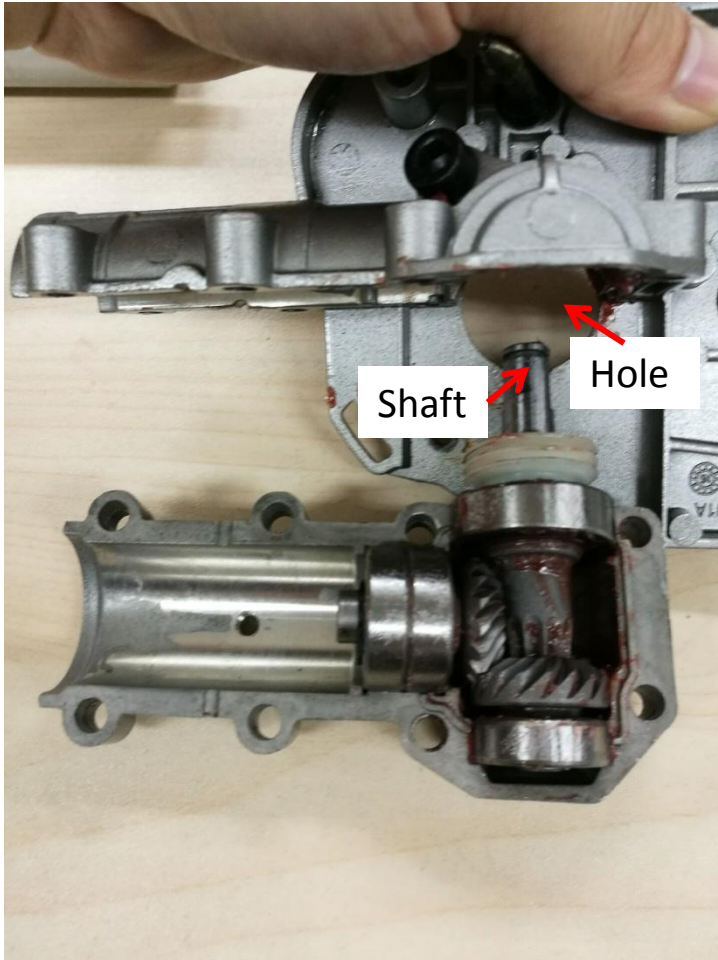
Replace the Chain and Pinion Assembly

11. Mount the new pinion assembly onto the gear case and then mount the shaft assembly onto the gear case.



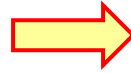
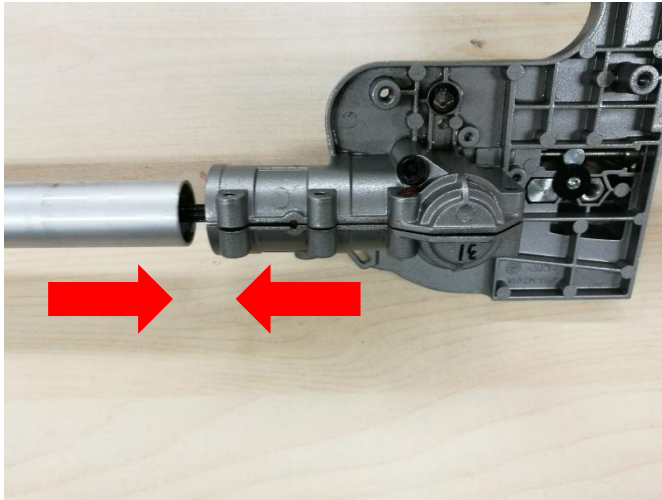
Replace the Chain and Pinion Assembly

12. Insert the shaft into the hole to assemble the gear case assembly.



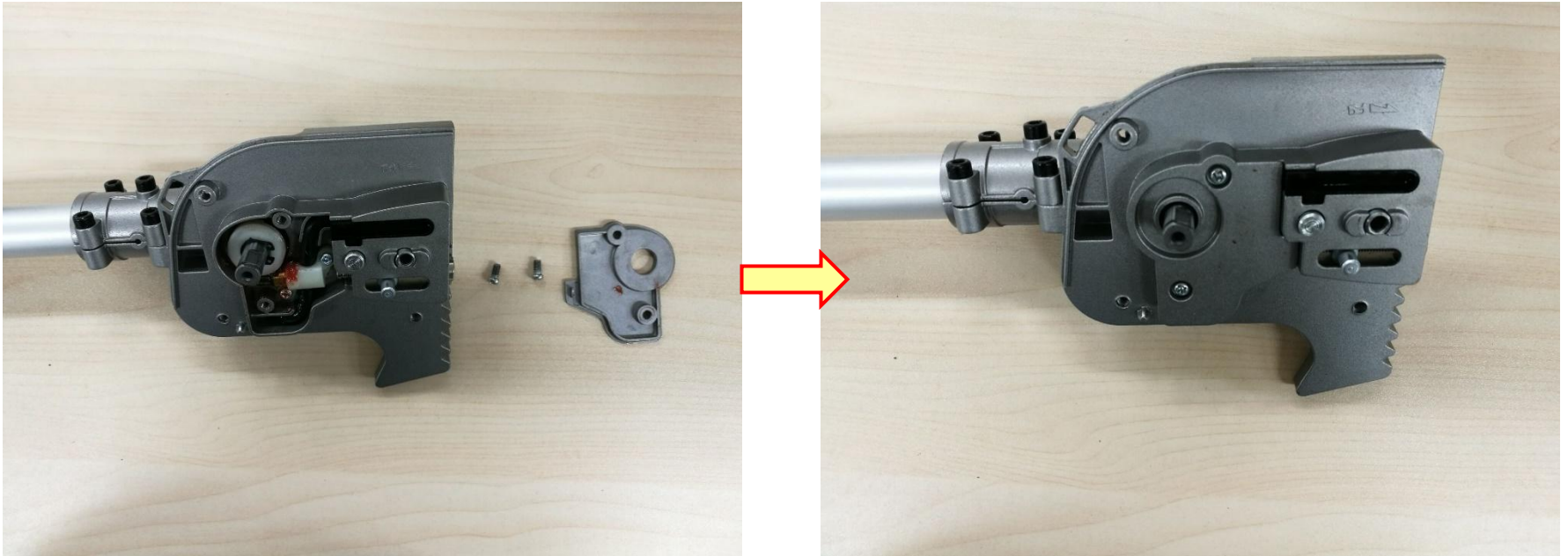
Replace the Chain and Pinion Assembly

13. Insert the connecting tube assembly into the tube of then gear case assembly and lock them with screws.



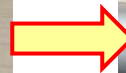
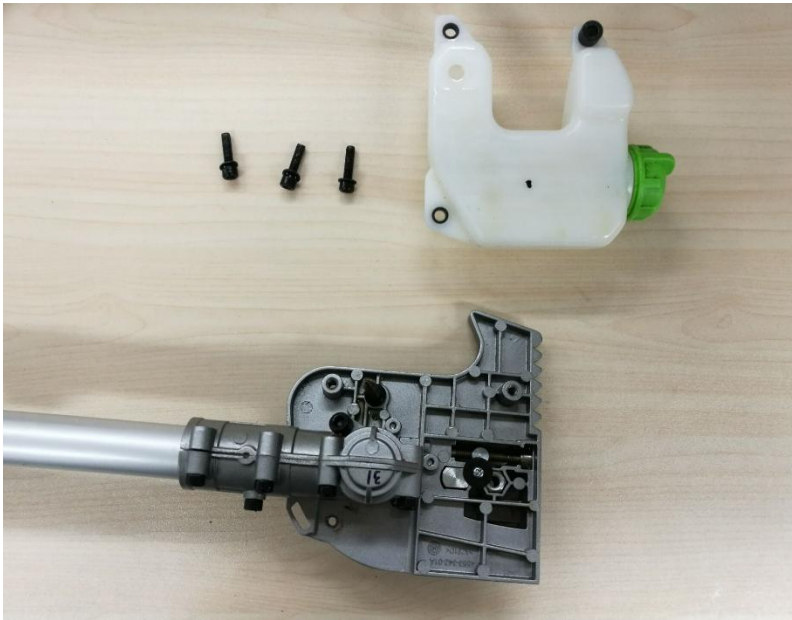
Replace the Chain and Pinion Assembly

14. Mount the dust cover onto the shaft and assemble the dust cover with the gear case assembly with screws.



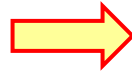
Replace the Chain and Pinion Assembly

15. Assemble the kettle assembly with the gear case assembly with screws.



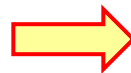
Replace the Chain and Pinion Assembly

16. If the sprocket is broken or worn, replace it with a new one and then mount the new sprocket onto the shaft.



Replace the Chain and Pinion Assembly

17. Mount the washer onto the shaft.
18. Lock the E-ring with long-nose pliers to fix the sprocket and washer.



Replace the Chain and Pinion Assembly

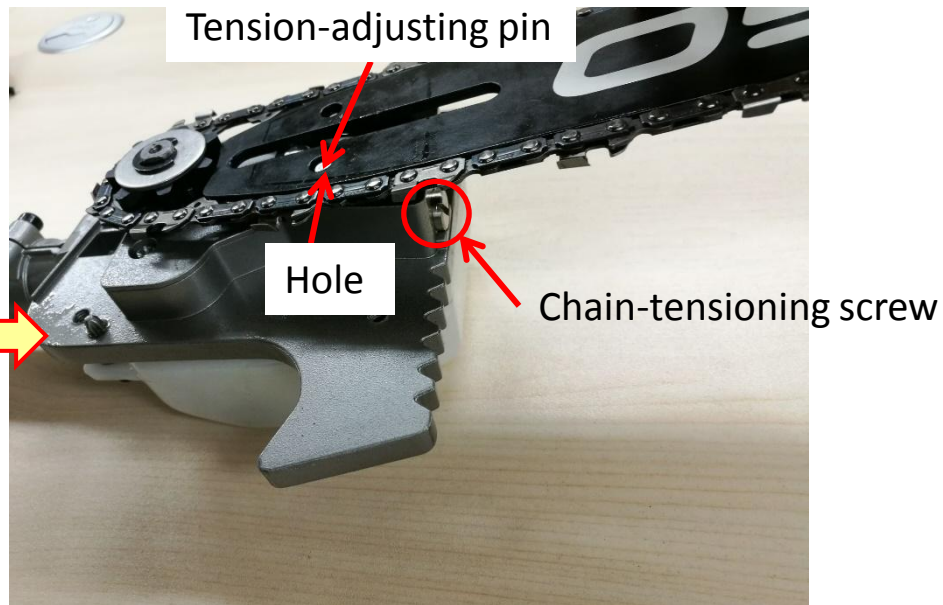
19. If the chain was broken, replace it with a new one and then assemble the chain with the bar.



Replace the Chain and Pinion Assembly

20. Align the tension-adjusting pin with the hole on the bar to assemble the chain and bar assembly with the gear case assembly.

NOTICE: If there is any difficulty in inserting the tension-adjusting pin into the hole, adjust the chain-tensioning screw properly until the tension-adjusting pin is exactly located into the hole.



Replace the Chain and Pinion Assembly

21. Assemble the cover with the gear and chain assembly and tighten them together with screw.

