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PART NO. 61-121

FOG AND DRL LIGHT KIT

7/20/2018

FITMENT: YAMAHA STAR VENTURE/ELUDER 2018-NEWER

TOOLS NEEDED:	4MM ALLEN WRENCH	10MM WRENCH	PLIERS	WIRE STRIPPER CRIMPER	PHILLIPS SCREWDRIVER
	RUBBING ALCOHOL	LINT FREE TOWEL	REMOVABLE THREAD LOCKER		

**PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING. \*\*USE REMOVABLE THREAD LOCKER ON ALL FASTENERS.\*\***  
**ESTIMATED INSTALLATION TIME: 40 TO 60 MIN.**

**INSTALLATION:**

1. REMOVE THE LEFT AND THE RIGHT ENGINE GUARD COVERS. USE A SCREWDRIVER TO PUSH THE CENTER OF THE PUSH PINS TO REMOVE THEM. USE A 4MM ALLEN WRENCH TO REMOVE THE SCREWS. **SEE FIG. 1 AND FIG. 2.**
2. REMOVE THE LEFT AND RIGHT LIGHT COWLS. USING A 4MM ALLEN WRENCH REMOVE THE SCREWS ON THE FRONT OF EACH COWL. **SEE FIG. 3.**
3. ON THE BOTTOM OF EACH COWL REMOVE THE PUSH PINS. **SEE FIG. 4.** THERE IS ONE ON EACH SIDE.
4. USING A 4MM ALLEN WRENCH REMOVE THE SILVER ALLEN SCREWS ON THE BACK SIDE OF EACH COWL. **SEE FIG. 5.** REMOVE COWLS.
5. USING A PHILLIPS SCREWDRIVER REMOVE THE FOUR SCREWS HOLDING THE LIGHT FILLERS TO EACH COWL. **SEE FIG. 6.** REMOVE THE FILLERS. THE SCREWS WILL BE REUSED WHEN INSTALLING FOG LIGHTS.
6. USING RUBBING ALCOHOL AND A LINT FREE TOWEL CLEAN THE AREA SHOWN IN **FIG. 6** ON BOTH COWLS. LET DRY.
7. FIND THE PROTECTIVE BOOT ATTACHED TO THE ENGINE GUARDS WITH THE GRAY CONNECTOR SHOWN IN **FIG. 7.** REMOVE THE CAP FROM BOTH CONNECTORS. THESE CAPS WILL NOT BE REUSED.
8. INSTALL THE NEW FOG LIGHTS IN THE COWLS AS SHOWN IN **FIG. 8** USING THE SCREWS YOU REMOVE IN STEP 5. ATTACH THE LED DRIVER USING THE DOUBLE SIDED TAPE TO THE WALL OF THE COWL AS SHOWN. PRESS FIRMLY ON THE LED DRIVER TO HELP THE TAPE ADHERE.
9. PLUG THE GRAY CONNECTOR FROM THE FOG LIGHTS INTO THE GRAY CONNECTORS ON THE BIKE.
10. REINSTALL BOTH LIGHT COWLS IN REVERSE ORDER YOU REMOVED THEM.
11. CONNECT EACH OF THE WHITE WIRES TO A KEYED POWER SOURCE ON THE BIKE USING THE SUPPLIED SPADE CONNECTORS AND T-TAPS. THIS LOCATION WILL VARY DEPENDING ON THE BIKES MODEL AND OPTIONS.
12. REMOVE THE LEFT SADDLEBAG. FIRST USING A 4MM ALLEN WRENCH REMOVE THE TWO SCREWS IN THE BOTTOM OF THE SADDLEBAG. **SEE FIG. 9.**
13. HOLDING THE SADDLEBAG IN PLACE REMOVE THE TWO ALLEN SCREWS NEAR THE TOP OF THE LEFT SADDLEBAG. **SEE FIG. 9.**
14. TIP THE SADDLEBAG OUT FROM THE TOP AND DISCONNECT THE BLACK CONNECTOR SHOWN IN **FIG. 10.** REMOVE THE SADDLEBAG FROM THE BIKE.
15. LIFT UP THE RUBBER RELAY COVER SHOWN IN **FIG. 10.**
16. REMOVE THE FOAM BLOCK SHOWN IN **FIG. 11.** INSTALL THE SUPPLIED RELAY IN THE CONNECTOR THAT WAS BELOW THE FOAM YOU REMOVED.
17. REINSTALL THE LEFT SADDLEBAG IN REVERSE ORDER. BE SURE TO RECONNECT THE WIRE HARNESS.
18. START THE BIKE AND FIRST MAKE SURE THE DAY TIME DRIVING LIGHTS COME ON WHEN THE BIKE STARTS.
19. NEXT USING THE FOG LIGHT SWITCH ON THE TOP LEFT HANDLEBAR TURN THE FOG LIGHTS ON.
20. USING A 10MM WRENCH ADJUST THE HEIGHT OF EACH LIGHT USING THE ADJUSTMENT SCREW SHOWN IN **FIG. 12.**
21. REINSTALL BOTH THE RIGHT AND LEFT ENGINE GUARD COVERS.



