

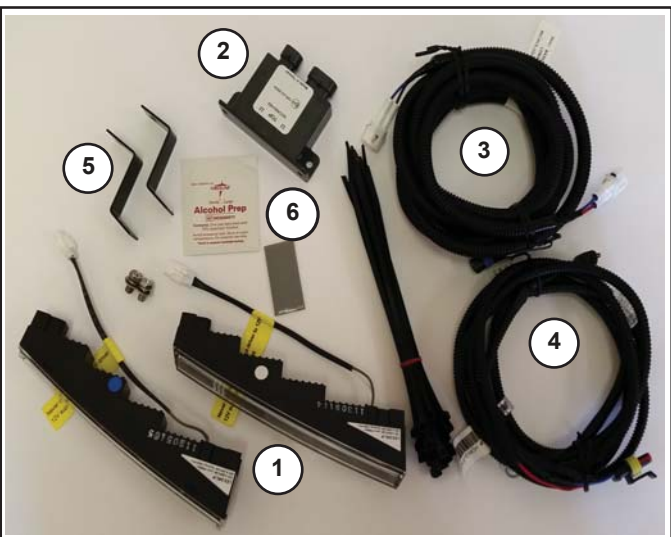


GENERAL APPLICABILITY

FORD F150XL

KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	2	LED DAYTIME RUNNING LIGHTS
2	1	CONTROL MODULE
3	1	DRL EXTENSION HARNESS
4	1	POWER ILLUMINATION HARNESS
5	1	MOUNTING BRACKETS
6	1	HARDWARE PACKAGE



RECOMMENDED TOOLS

PERSONAL & VEHICLE PROTECTION	
SAFETY GLASSES	
MASKING TAPE	
SPECIAL TOOLS	
VOLT-OHM METER	
RECOMMENDED INSTALLATION TOOLS	
10-MM WRENCH	
WIRE CUTTERS	
SPECIAL CHEMICALS	

CONFLICTS

NOTE:

LEGEND

	STOP: DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET.
	OPERATOR SAFETY: USE CAUTION TO AVOID RISK OF INJURY.
	CRITICAL PROCESS: PROCEED WITH CAUTION TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED ON A COMPLETED VEHICLE INSTALLATION.
	GENERAL PROCESS: THIS HIGHLIGHTS SPECIFIC PROCESSES TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED DURING THE ACCESSORY INSTALLATION.
	TOOLS & EQUIPMENT: THIS CALLS OUT THE SPECIFIC TOOLS AND EQUIPMENT REQUIRED FOR THE PROCESS.
	REVISION MARK: THIS MARK HIGHLIGHTS A CHANGE IN INSTALLATION WITH RESPECT TO PREVIOUS ISSUE.

IMPORTANT

NOTE!

- ❑ **INSTALLATION MUST BE DONE IN STRICT ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS.**
- ❑ **DAYTIME RUNNING LIGHTS (DRLs) ARE DESIGNED TO TURN ON WITH IGNITION AND REMAIN ON UNTIL IGNITION IS TURNED OFF. DRLs ARE NOT A SUBSTITUTE FOR HEADLIGHTS AT DUSK/DAWN OR DURING DARKNESS.**
- ❑ THE DRLs COME PROGRAMMED TO BE USED AS POSITION LIGHTS (DIMMING THE DRLs WHEN THE HEADLIGHT SWITCH IS ON). TO TURN THE POSITION FEATURE OFF, CONNECT THE DRLs AS DESCRIBED IN THE INSTRUCTIONS BELOW, THEN:
 - TURN ACC/IGNITION ON.
 - QUICKLY TURN THE HEADLIGHT SWITCH ON AND OFF THREE TIMES AND THE FOURTH TIME LEAVE THEM ON.
NOTE: THE DRLs WILL FLASH MOMENTARILY.
 - QUICKLY TURN THE HEADLIGHT SWITCH ON AND OFF TWO TIMES AND THE THIRD TIME LEAVE THEM ON. THIS WILL TURN THE POSITION LIGHT FEATURE OFF.
 - TO TURN THE POSITION LIGHT FEATURE ON, REPEAT THE STEPS ABOVE.
- ❑ PLEASE ENSURE ALL WIRING IS LAID SO THAT IT CANNOT BE PULLED OR ABRADED AND IS SECURELY FASTENED WITH WIRE TIES.

ATTENTION: FOGGING OF THE LENSES

MODERN HEADLAMPS ARE VENTILATED TO AVOID CORROSION. THIS MEANS THAT IN CERTAIN CONDITIONS CONDENSATION COLLECTS INSIDE OF THE LENS. THIS SHOULD DISAPPEAR SHORTLY AFTER THE DRL IS TURNED ON.

FOGGING OF THE LENS IS NO REASON FOR COMPLAINT!



BATTERY INSTRUCTIONS

STOP

1. IT IS ADVISABLE TO DISCONNECT THE NEGATIVE BATTERY CABLE FOR 3 MINUTES BEFORE BEGINNING INSTALLATION TO AVOID UNINTENDED AIR BAG DEPLOYMENT.

NOTE: RECORD ANY ANTI-THEFT RADIO CODES PRIOR TO DISCONNECTING.

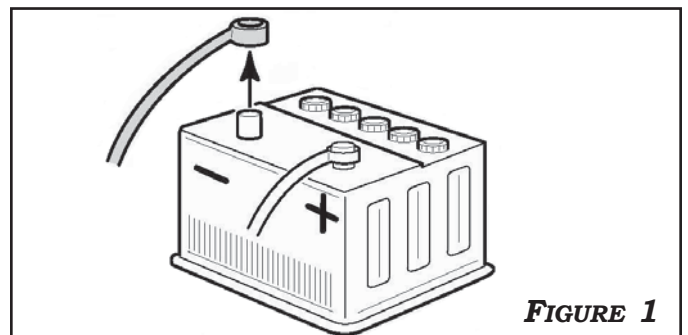


FIGURE 1

INSTALLATION

MOUNTING INSTRUCTIONS

DRL ASSEMBLY

1. USING SUPPLIED BRACKETS AND HARDWARE, ATTACH MOUNTING BRACKETS TO LIGHTS USING 10mm BOLTS. LEAVE BRACKETS AS LOOSE AS POSSIBLE WITHOUT THEM FALLING OFF. **FIGURE 1**

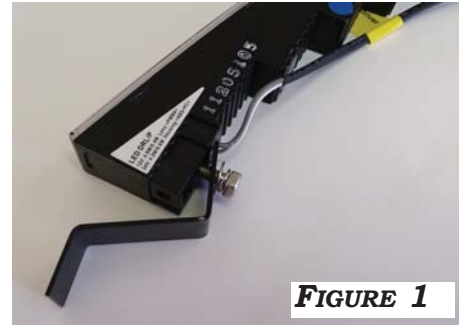


FIGURE 1

DRL MOUNTING

1. INSERT DRL BY WEDGING THE OUTER EDGE IN PLACE AND SLIDING THE INNER EDGE INTO THE SLOT. LIGHT SHOULD FIT SNUGGLY INTO FACTORY SLOT SHOWN.
2. ROTATE BRACKET SO THAT IT LOCKS INTO PLACE BEHIND THE GRILL. USING A 10mm WRENCH, TIGHTEN BRACKET BOLT, LOCKING DRL IN PLACE. **FIGURE 2**

DRL MOUNTING LOCATION



FIGURE 2

HARNESS ROUTING AND CONTROL MODULE

1. ROUTE THE DRL EXTENSION HARNESS IN THE FRONT OF THE ENGINE COMPARTMENT AND TOWARD THE DRL LED ASSEMBLY.
2. CONNECT THE DRL EXTENSION HARNESSES TO THE DRL LED ASSEMBLY ON EACH SIDE.



3. LOCATE THE BLACK 3-PIN CONNECTOR ON THE CONTROL MODULE. **NOTE: REMOVE THE RED RETAINER FROM CONNECTOR BEFORE INSERTING TERMINALS.** USE THE INSTRUCTIONS ON THE CONTROL MODULE TO INSERT THE TERMINALS FROM THE **BLUE, RED AND BLACK** (ILLUMINATION/POWER/GROUND) HARNESSES PROVIDED IN THE KIT. PRESS IN RED TERMINAL RETAINER AFTER TERMINALS ARE INSERTED. **FIGURE 3**
4. CONNECT THE 2-PIN CONNECTOR OF THE DRL EXTENSION HARNESS AND THE 3-PIN CONNECTOR OF THE POWER HARNESS INTO THE CONTROL MODULE.

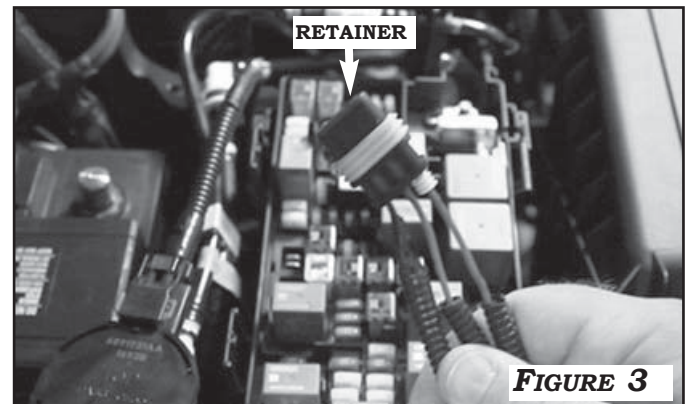


FIGURE 3



INSTALLATION

5. USE THE TWO-SIDED TAPE PROVIDED IN KIT TO MOUNT THE CONTROL MODULE ON THE PASSENGER SIDE OF THE ENGINE COMPARTMENT BESIDE THE BATTERY.

NOTE: THOROUGHLY CLEAN THE AREA WITH THE PROVIDED ISOPROPYL ALCOHOL PAD OR OTHER ACCEPTABLE CLEANER.

POWER CONNECTIONS



1. CONNECT RING TERMINAL OF BLACK GROUND HARNESS TO VEHICLE GROUND POINT LOCATED AT THE PASSENGER SIDE OF ENGINE COMPARTMENT BESIDE FUSE BOX. **FIGURE 5**



FIGURE 5

2. REMOVE FUSE PANEL COVER TO LOCATE **#105 10A** FUSE (POWER CIRCUIT). USE FUSE REMOVAL TOOL TO RELEASE THE FUSES. **FIGURE 6**

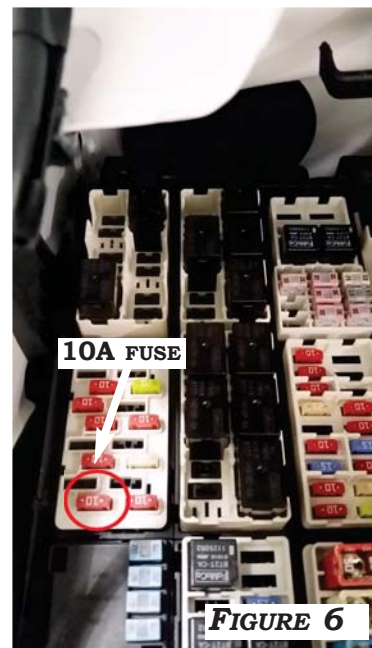
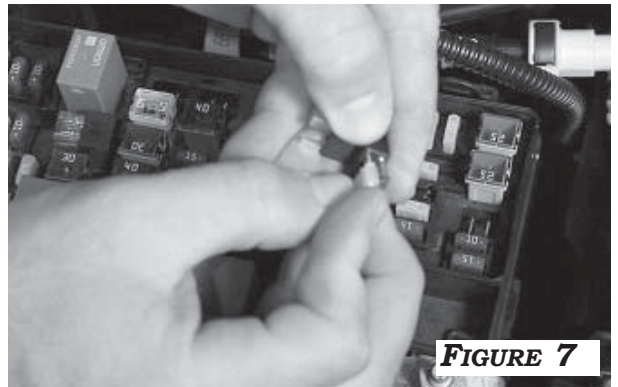


FIGURE 6

INSTALLATION

3. PLACE VEHICLE **#105 10A** FUSE INTO FUSE HOLDER OF THE DRL POWER HARNESS. **FIGURE 7**



4. CONNECT DRL POWER HARNESS IN **#105 10A** (POWER) LOCATION AT THE FUSE BOX.

5. CONNECT DRL ILLUMINATION WIRE (BLUE) TO THE BROWN/YELLOW WIRE FROM THE HEADLIGHT HARNESS. **FIGURE 9**



INSTALLATION

TESTING



NOTE: MAKE SURE THE DRLS ARE CONNECTED TO THE CONTROL MODULE PRIOR TO RECONNECTING THE BATTERY.

1. RECONNECT THE BATTERY.
2. ENSURE DRLS REMAIN ON WHILE THE IGN POWER IS ON.
3. ENSURE DRLS DIM WHEN HEADLIGHTS ARE TURNED ON.

REASSEMBLY



1. REASSEMBLE THE VEHICLE.
2. SECURE ALL WIRES WITH ZIP TIES AWAY FROM THE ENGINE AND ANY SHARP OR MOVING OBJECTS.

