

GENERAL APPLICABILITY

UNIVERSAL

KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	2	LED DAYTIME RUNNING LIGHTS*
2	1	CONTROL MODULE
3	1	DRL EXTENSION HARNESS
4	3	(2)POWER/ILLUMINATION HARNESS (1) GROUND HARNESS
5	1	TEMPLATES (LEFT AND RIGHT) PG. 9 & 10
6	1	HARDWARE
7	2	FRONT & BACK BEZELS (LEFT AND RIGHT)

RECOMMENDED TOOLS

PERSONAL & VEHICLE PROTECTION	
SAFETY GLASSES	
MASKING TAPE	
SPECIAL TOOLS	
VOLT-OHM METER	
CUTTING TOOL FOR FENDER	
RECOMMENDED INSTALLATION TOOLS	
DEBURRING TOOL	
10MM WRENCH	
SHARP KNIFE	
WIRE CUTTERS	
SPECIAL CHEMICALS	



CONFLICTS

NOTE:

UNIVERSAL HARDWARE KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	10	WIRE ZIP TIES
2	4	BOLT STUDS
3	4	10MM SCREWS
4	1	ALCOHOL PAD
5	1	VHB TAPE
6	1	3 AMP FUSE
7	4	10MM LOCK NUTS
8	4	M6 NUTS
9	4	WASHERS

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



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.

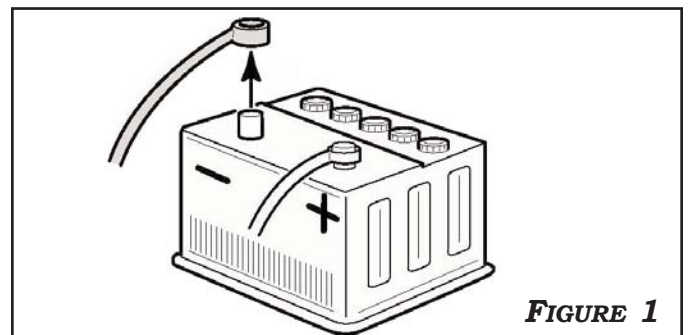


FIGURE 1

INSTALLATION

VEHICLE PREPARATION



1. CUT OUT THE FENDER CUTTING TEMPLATE ON PAGES 9 & 10 AS SHOWN IN **FIGURE 2**.



FIGURE 2

2. LINE UP THE TEMPLATE WITH THE BOTTOM EDGE OF THE FENDER AND TRACE THE CUTTING AREA WITH A MARKER.

FIGURE 3

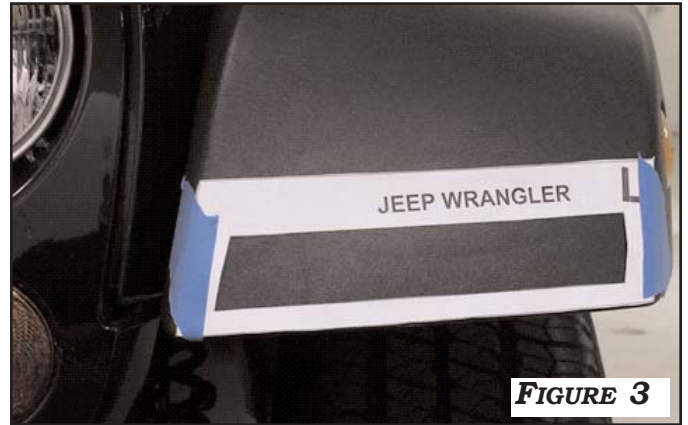


FIGURE 3



3. USING A DREMEL, OSCILLATING SAW OR EQUIVALENT, CUT THE TRACED AREA FROM THE BUMPER. **FIGURE 4**

4. USE A FILE OR DEBURRING TOOL TO REMOVE ANY ROUGH EDGES THAT REMAIN.

5. REPEAT ABOVE STEPS FOR OPPOSITE VEHICLE FENDER.



FIGURE 4

INSTALLATION

DRL BEZEL ASSEMBLY



1. PRIOR TO PLACING THE LED INTO THE OPENING OF EACH DRL FRONT BEZEL, INSERT THE M6 NUTS INTO BOTH OPENINGS OF THE LED HOUSING AS SHOWN IN **FIGURE 5**

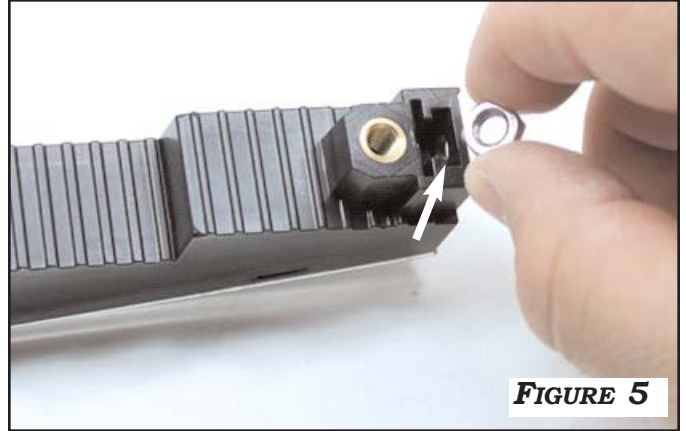


FIGURE 5

2. INSERT THE LED INSIDE THE DRL FRONT BEZEL. **NOTE: INSERT THE LONG END OF LED IN FIRST TO MAKE SURE SHORT END SNAPS INTO PLACE.** **FIGURE 6**

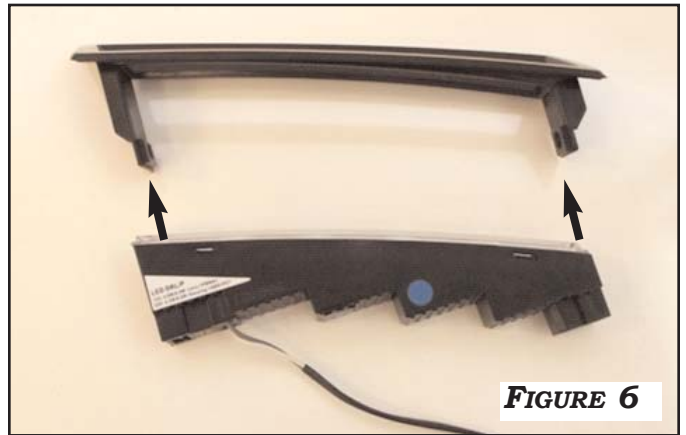


FIGURE 6

3. USE (2) 10MM SCREWS PROVIDED THE KIT TO INSERT INTO EACH END OF THE DRL FRONT BEZEL. USE A 10MM WRENCH TO TIGHTEN THE SCREWS INTO THE M6 NUT OF THE LED HOUSING. **FIGURE 7**

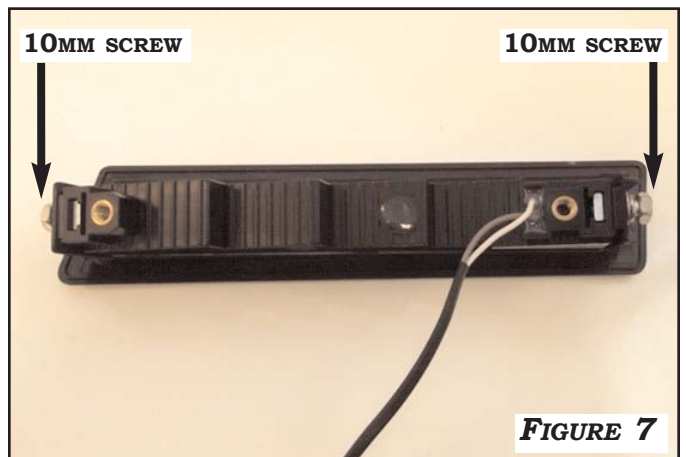


FIGURE 7

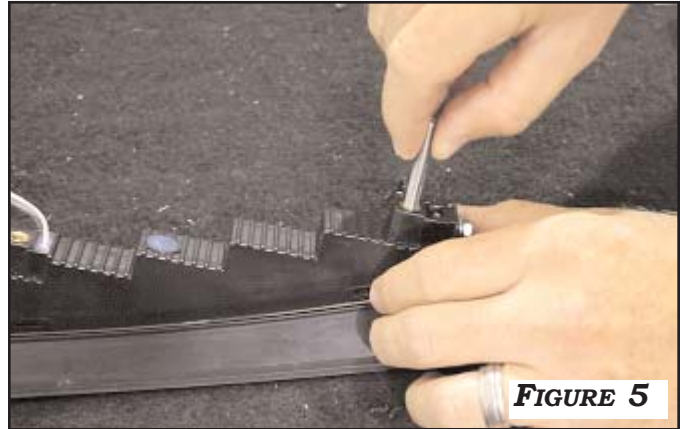
4. REPEAT FOR THE OPPOSITE DRL FRONT BEZEL.

INSTALLATION

DRL BEZEL ASSEMBLY CONTINUED...



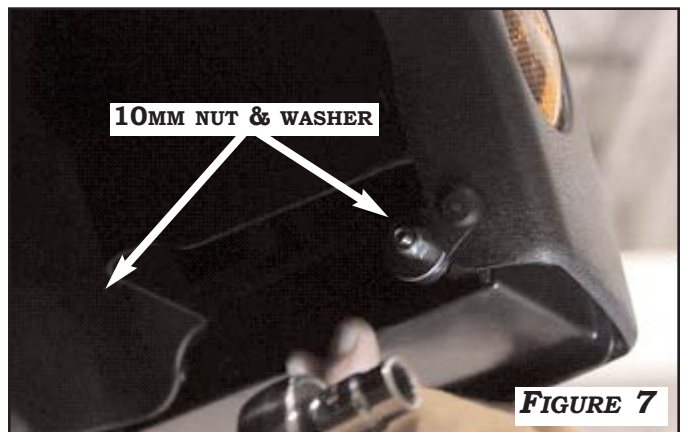
1. SCREW IN (2) BOLT STUDS PROVIDED IN THE KIT INTO BOTH OPENINGS OF THE LED HOUSING AS SHOWN IN **FIGURE 5**.



2. HOLD THE DRL BACK BEZEL BEHIND THE FENDER AND INSERT THE BOLT STUDS FROM DRL FRONT BEZEL THROUGH FENDER CUT OUT HOLE. **NOTE: THE SLOT ON THE DRL BACK BEZEL SHOULD BE IN THE DIRECTION TOWARD THE HEADLIGHT. FIGURE 6**



3. USE (2) 10MM NUTS & WASHERS PROVIDED THE KIT TO SCREW ONTO BOTH BOLT STUDS OF THE DRL FRONT BEZEL. USE A 10MM WRENCH TO TIGHTEN THE NUTS AND WASHERS SECURING THE DRL FRONT & BACK BEZELS TOGETHER. **FIGURES 7 & 8**



4. REPEAT FOR THE OPPOSITE DRL FRONT AND BACK BEZELS.



INSTALLATION

HARNESS ROUTING AND CONTROL MODULE



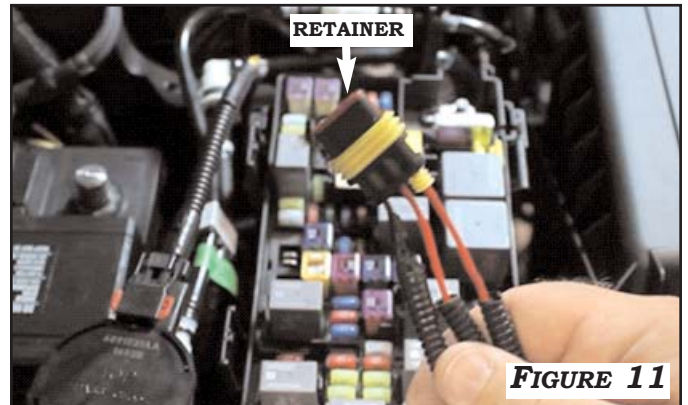
1. ROUTE THE DRL EXTENSION HARNESS IN THE FRONT OF THE ENGINE COMPARTMENT AND TOWARD THE DRL LED ASSEMBLY. **FIGURE 9**



2. CONNECT THE DRL EXTENSION HARNESSES TO THE DRL LED ASSEMBLY ON EACH SIDE. **FIGURE 10**



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 **BLACK AND (2) RED POWER/ILLUMINATION/GROUND HARNESSES** PROVIDED IN THE KIT. PRESS IN RED TERMINAL RETAINER AFTER TERMINALS ARE INSERTED. **FIGURE 11**



4. CONNECT THE 2-PIN CONNECTOR OF THE DRL EXTENSION HARNESS AND THE 3-PIN CONNECTOR OF THE POWER HARNESS INTO THE CONTROL MODULE.

5. USE THE TWO-SIDED TAPE PROVIDED IN KIT TO MOUNT THE CONTROL MODULE ON THE PASSENGER SIDE OF THE ENGINE COMPARTMENT BESIDE THE FUSE BOX AS SHOWN IN **FIGURE 12**.

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



INSTALLATION

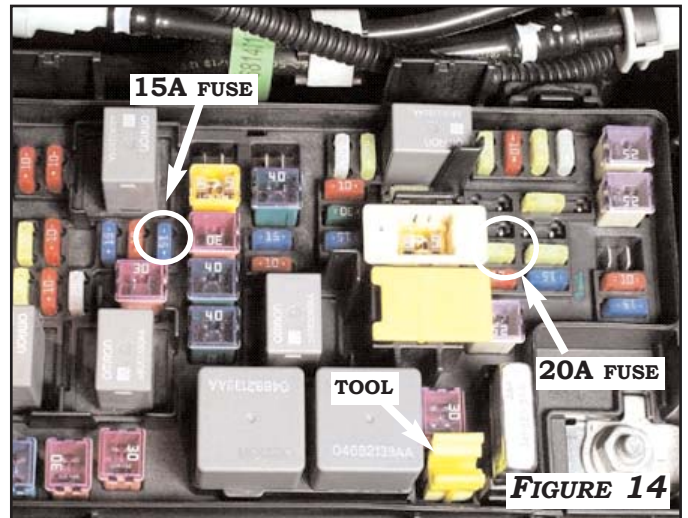
POWER CONNECTIONS



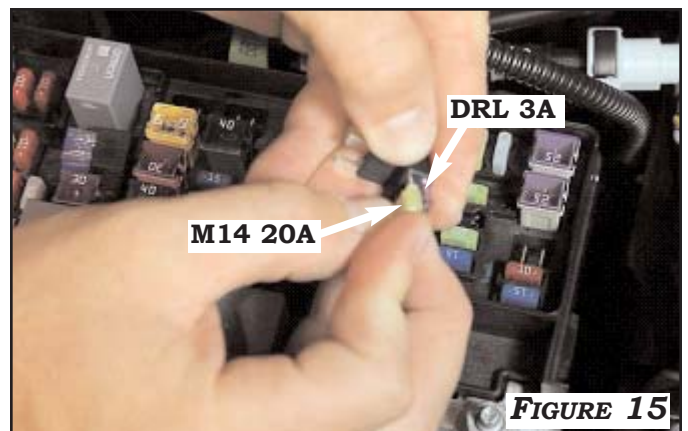
1. CONNECT RING TERMINAL OF BLACK GROUND HARNESS TO VEHICLE GROUND POINT LOCATED AT THE PASSENGER SIDE OF ENGINE COMPARTMENT BESIDE FUSE BOX. **FIGURE 13**



2. REMOVE FUSE PANEL COVER TO LOCATE **M17 15A** FUSE (ILLUMINATION CIRCUIT) AND **M14 20A** FUSE (POWER CIRCUIT). USE FUSE REMOVAL TOOL TO RELEASE THE FUSES. **FIGURE 14**



3. PLACE VEHICLE **M17 15A** AND **M14 20A** FUSES INTO FUSE HOLDERS OF THE DRL POWER AND ILLUMINATION HARNESS. **FIGURE 15**



4. CONNECT DRL POWER AND ILLUMINATION HARNESSES IN THE **M14 20A** (DRL POWER) AND **M17 15A** (DRL ILLUMINATION) LOCATIONS AT THE FUSE BOX. **FIGURE 16**



INSTALLATION

TESTING



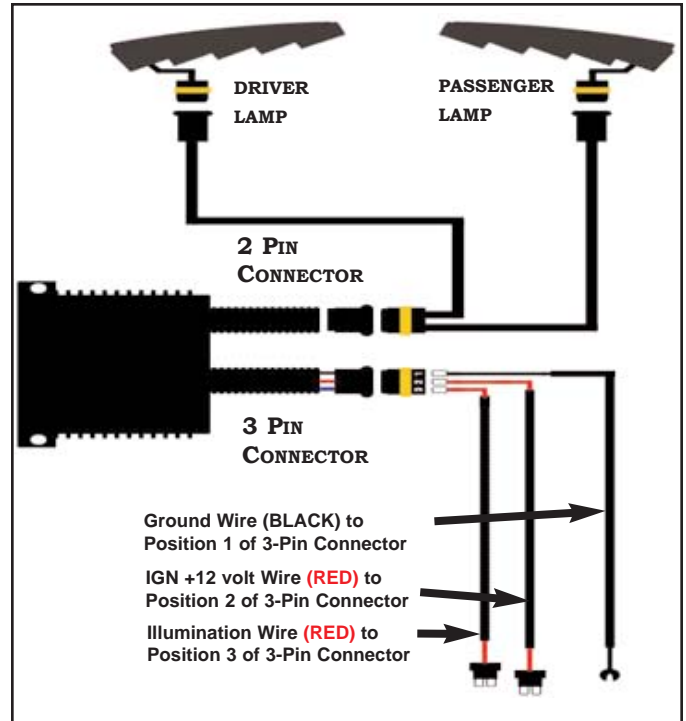
NOTE: MAKE SURE THE DRLS ARE CONNECTED TO THE CONTROL MODULE PRIOR TO RECONNECTING THE BATTERY.

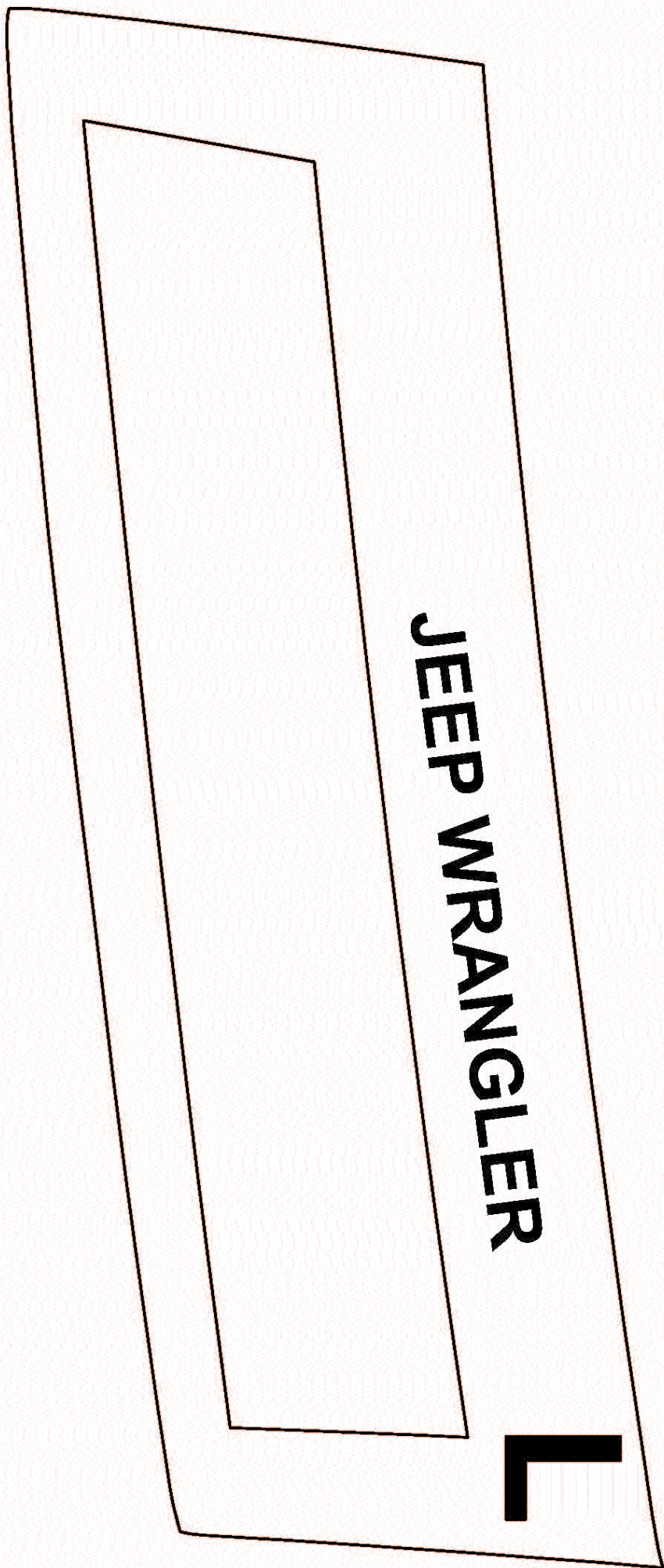
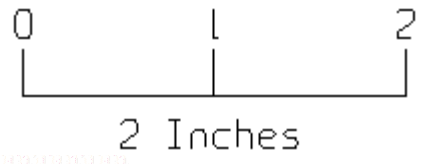
1. RECONNECT THE BATTERY.
2. ENSURE DRLS REMAIN ON WHILE THE IGN POWER IS ON.
3. ENSURE DRLS DIM WHEN HEADLIGHTS ARE TURNED ON.

REASSEMBLY



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





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Right Template

