

3D 360 LIGHT BAR KIT

PART#: 3D360-LBK01-KH

PARTS LIST – See pictures [P1a, b, c, d]

- 3D Parts
 - (1) Light bar
 - (1) Light bar spacer
 - (2) Light brackets & spacers
 - (6) Pucks, (2) 4mm, (2) 6mm and (2) 8mm
 - (2) Extension Arms
- LED triangle pod lights
- Wiring (Depending on order option)
 - Battery Powered:
 - (1) Battery harness, (1) Power cable, (1) Switch and light splitter, (1) Push button switch, (1) Rocker switch
 - ACC Powered:
 - (1) ACC switch and light splitter, (1) Push button switch, (1) Rocker switch
- Hardware:
 - (4 ea.) Bolts: 6x16, 6x20, 6x25, 6x30, 6x35, 6x40
 - (4) Nuts: 6mm - 1.0 Nylon locking hex
 - (4) Rubber washer
 - (2) O-Ring

PREPERATION AND TOOLS

- Wash and clean your motorcycle
- Layout the kits contents and verify them with above parts list
- Hand Tools Needed: 8mm & 10mm socket. 10mm wrench (Thin)
- Switch(s): 3/8 (9.5mm) drill bit for dash mount. Philips's for rocker switch

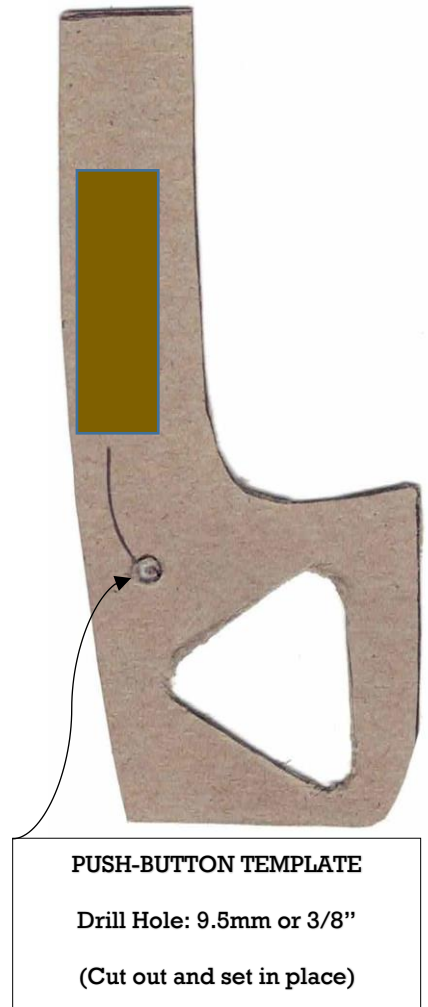
STEP 1: LOSSEN THE INSTRUMENT BEZEL (IF APPLICBLE)

- Remove the 2 bolts holding the instrument bezel (8mm) [P2]
- Pull the instrument bezel forward [P3]

STEP 2: INSTALLING THE LIGHT BAR

(IMPORTANT, READ PRE-INSTALL NOTES BELOW)

- 1: Configure and test-fit your light bar and its components before bolting to the triple
- 2: The light bar spacer may be needed when mounting the light bar to the triple
- 3: A minimum length of 10mm exposed threads on the mounting bolts is needed for proper depth into the triple
- 4: Estimated maximum bolt tightening torque values
Metric = 4.5 Nm, SAE Foot Pounds = 3.3, SAE Inch Pounds = 40"



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PART#: 3D360-LBK01-KH

STEP 2 (CONT): INSTALLING THE LIGHT BAR

- Insert the proper size bolt(s) through the light bar ends (read notes above, use the bolts from your test fit)
- Fit the light bar, separate from its other components, between the bezel and the triple clamp. Position correctly [P4]
- Insert the proper size bolt(s) through bezel holes and through the face of the light bar (Read notes above) [P5]
- Carefully tighten the mounting bolts. ***DO NOT OVER TIGHTEN***
- Install the O-rings around the fork tubes and secure them to the light bar posts [P6]
- Mount the rest of the light bar accessories, Light brackets, and any other pieces. ***DO NOT OVER TIGHTEN***



STEP 3: INSTALING THE WIRING

BATTERY POWER:

- With the seat removed. Route the power cable along the right side of the motorcycle [P7]
 - TIP: tape a long zip tie to one end of the power cable and use it as a lead
- One end of the power cable needs to route to the front of head stock between the forks [P8]
- Install the battery harness and connect it to the end of the Power cable, The RED fused lead is connected to the positive to the battery [P9]
- Connect the power splitter to the other end of the Power cable [P10]

ACC POWER:

(IMPORTANT, READ NOTES)

1: Not all KTM and Husqvarna motorcycles offer ACC power connections. And the connectors can vary

2: You may need to identify how many ACC circuits are on your model

3: For the 701 and 690 models: ACC-1 and ACC-2 may be tucked behind the wire connector bracket [P11]

- ACC-1 = switched power, ACC-2 = constant power
- Locate the motorcycles OEM ACC power connectors and type [P12]
- Connect the ACC power splitter to the OEM ACC connectors.
The RED lead is Positive **WARNING: Verify the OEM ACC Positive connector. Damage to the LED lights may occur if polarity is reversed. (Improper polarity damage is not covered under warranty)**

STEP 4: INSTALING THE LED LIGHT PODS

ASSEMBLY:

- See step 2:
- The recessed hex holes in the light bracket are intended for the 6mm nuts
- Route the LED power cables to the Power cable splitter or ACC splitter [P13]

LED POWER CONNECTIONS:

- Connect the female end of the LED leads to the Male connectors on the power splitter. [P14]

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PART#: 3D360-LBK01-KH

STEP 5: SWITCH INSTALATION

HANDEL BAR MOUNT: (ROCKER SWITCH)

- Choose which side of your handlebar to mount the rocker switch [P15]
- Route the switch lead to the Power cable splitter

PUSH BUTTON SWITCH: (DASH MOUNT)

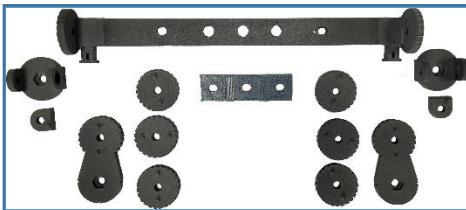
- For KTM and Husqvarna motorcycles with the ABS triangle, Use the template on this instruction sheet to position the drill hole. 3/8 (9.5mm) hole [P16]
- Install the push-button switch [P17]

POWER CONETION: (ALL)

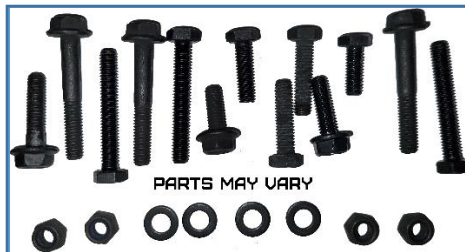
- Connect the Male end of the switch lead to one of the Female connectors on the power splitter. [P18]



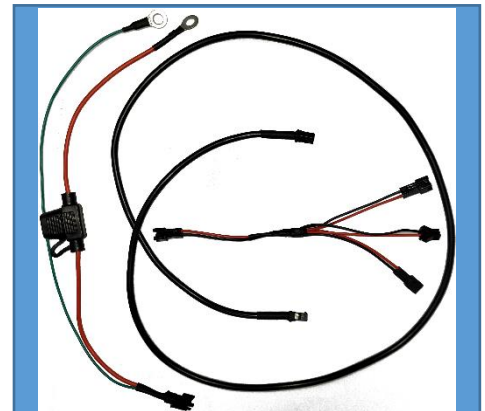
PICTURES:



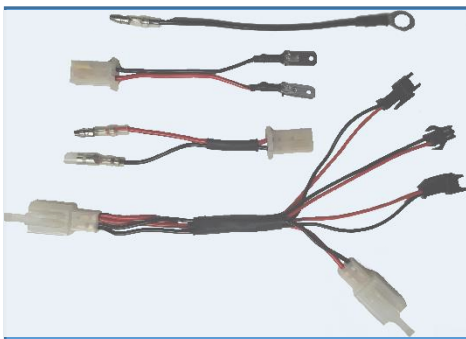
[P1a] KIT CONTENTS: (3D parts)



[P1b] KIT CONTENTS: (Hardware)



[P1c] KIT CONTENTS: (Batt Wire)



[P1d] KIT CONTENTS: (ACC Wire)



[P2] REMOVE OEM BOLTS



[P3] PULL THE BEZEL FORWARD

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PART#: 3D360-LBK01-KH

PICTURES: (CONT)



POSTS DOWN AND ENDS BACK

[P4] INSERT THE LIGHT BAR /Spacer



[P5] INSERT MOUNTING BOLTS



[P6] INSTALL THE O-RINGS

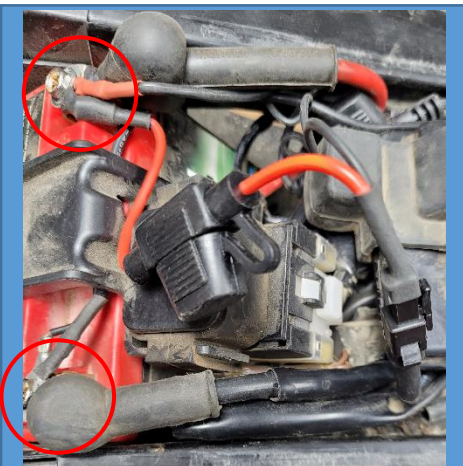
ROUTE FROM THE BATTERY TO THE UPPER TRIPPLE CLAMPS.

CHECK FOR BINDS AND PINCHING OF THE POWER CABLE. ZIP TIE IN PLACE.

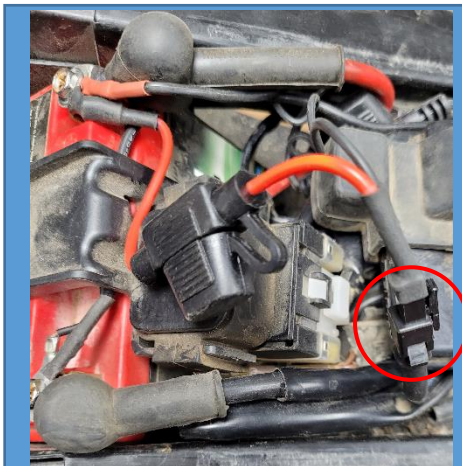
[P7] ROUTING THE POWER CABLE



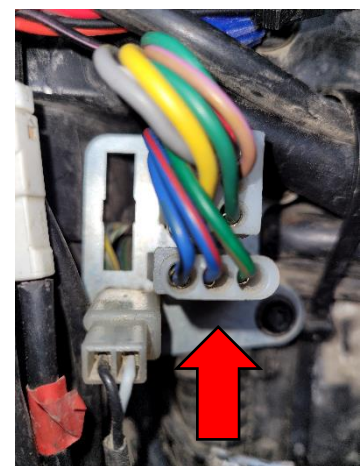
[P8] UPPER END OF POWER CABLE



[P9] INSTALL BATTERY HARNESS



[P10] CONNECTIONS

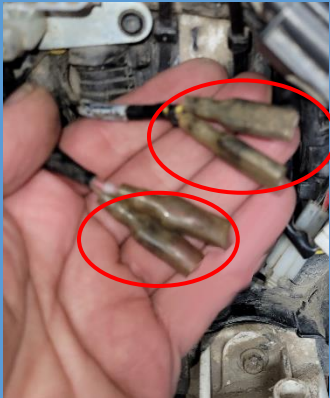


[P11] 690 / 701 ACC CONNECTORS

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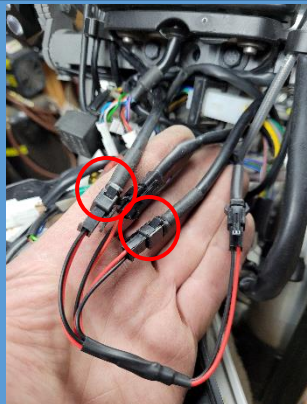
PICTURES: (CONT)



[P12] IDENTIFY ACC TYPE

ROUTE THE LED CABLES AWAY FROM THE FORK ADJUSTERS AND SECURE. LEAVE ENOUGH CABLE LENGTH FOR ADJUSTMENT.

[P13] ROUTE LED CABLES



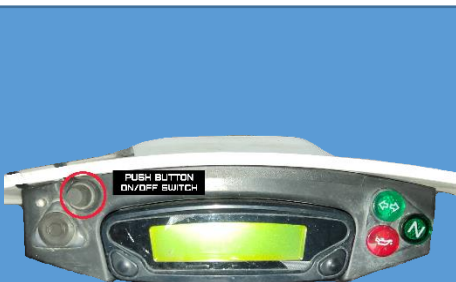
[P14] CONNECT THE LED CABLES



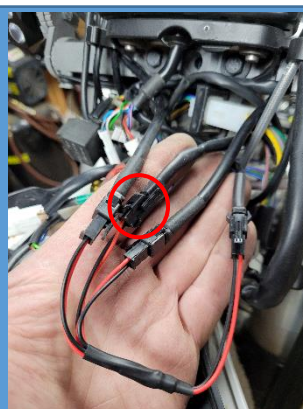
[P15] MOUNT HANDLE BAR SWITCH



[P16] DRILL & SET PB-SWITCH



[P17] MOUNT THE PUSH-BUTTON



[P18] CONNECT SWITCH



[P19] CHECK ALL CONNECTIONS