

COLOR CODES

- O = ORANGE
- BK = BLACK
- BE = BLUE
- R = RED
- GN = GREEN
- Y = YELLOW
- BN = BROWN
- V = VIOLET
- PK = PINK
- GY = GRAY
- W = WHITE
- / = STRIPED

# WP136 MOTOR CONTROLER HARNESS

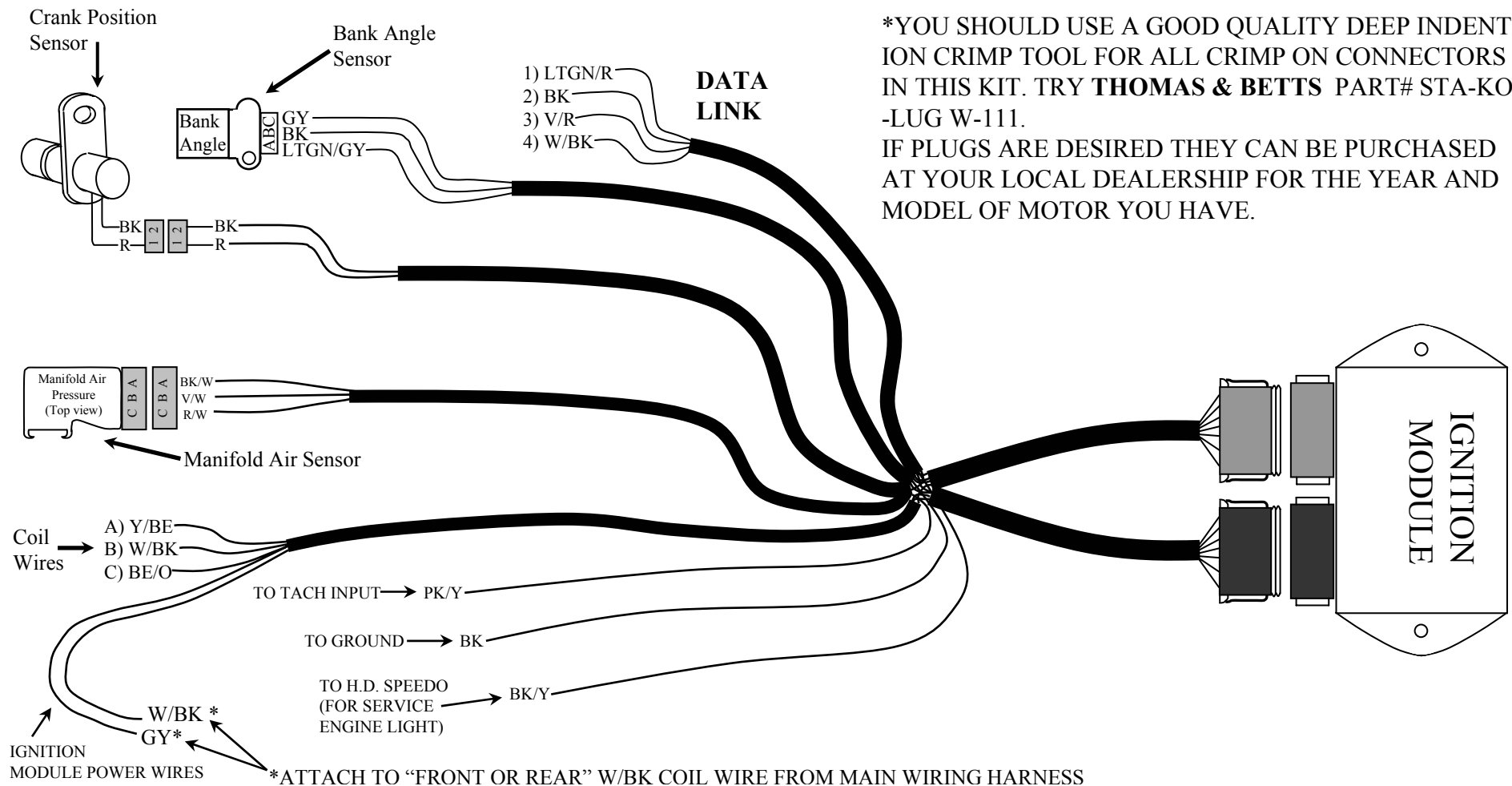
BK/Y WIRE FLASHES DIAGNOSTIC CODES THROUGH SERVICE ENGINE LIGHT OR OTHER LIGHT SOURCE. THIS WIRE CAN BE SEALED OFF AND CONNECTED TO A TEST LIGHT WHEN SENSOR DAGNOSTICS ARE RIQUIRED. \*SEE CONTROLLER DOCUMENTATION FOR SERVICE CODE SHEETS.

## INSTALLATION INSTRUCTIONS FOR WP136

DUE TO THE VARIOUS PLUG STYLES USED ON THE SENSORS AND CRIMP TOOLS REQUIRED, PLUGS ARE NOT PROVIDED IN THIS KIT.

WE SUGGEST (FOR A CLEANER INSTALLATION) YOU CUT OFF THE OEM PLUGS AND USE THE BUTT SPLICES AND HEAT SHRINK PROVIDED IN THIS KIT.

\*YOU SHOULD USE A GOOD QUALITY DEEP INDENTION CRIMP TOOL FOR ALL CRIMP ON CONNECTORS IN THIS KIT. TRY **THOMAS & BETTS** PART# STA-KON-LUG W-111. IF PLUGS ARE DESIRED THEY CAN BE PURCHASED AT YOUR LOCAL DEALERSHIP FOR THE YEAR AND MODEL OF MOTOR YOU HAVE.



THIS MODEL WILL NOT  
 WORK WITH STOCK H.D.  
 CONTROLLER MODULE!  
 AFTER-MARKET CONTROLLER  
 MUST BE USED!  
 THIS MODEL DOES NOT  
 PROVIDE WIRES FOR:  
**BANK ANGLE SENSOR**  
**CAM SENSOR (1999 MODELS)**  
**DATA LINK**

## WP137 MOTOR CONTROLER HARNES

### INSTALLATION INSTRUCTIONS FOR WP137

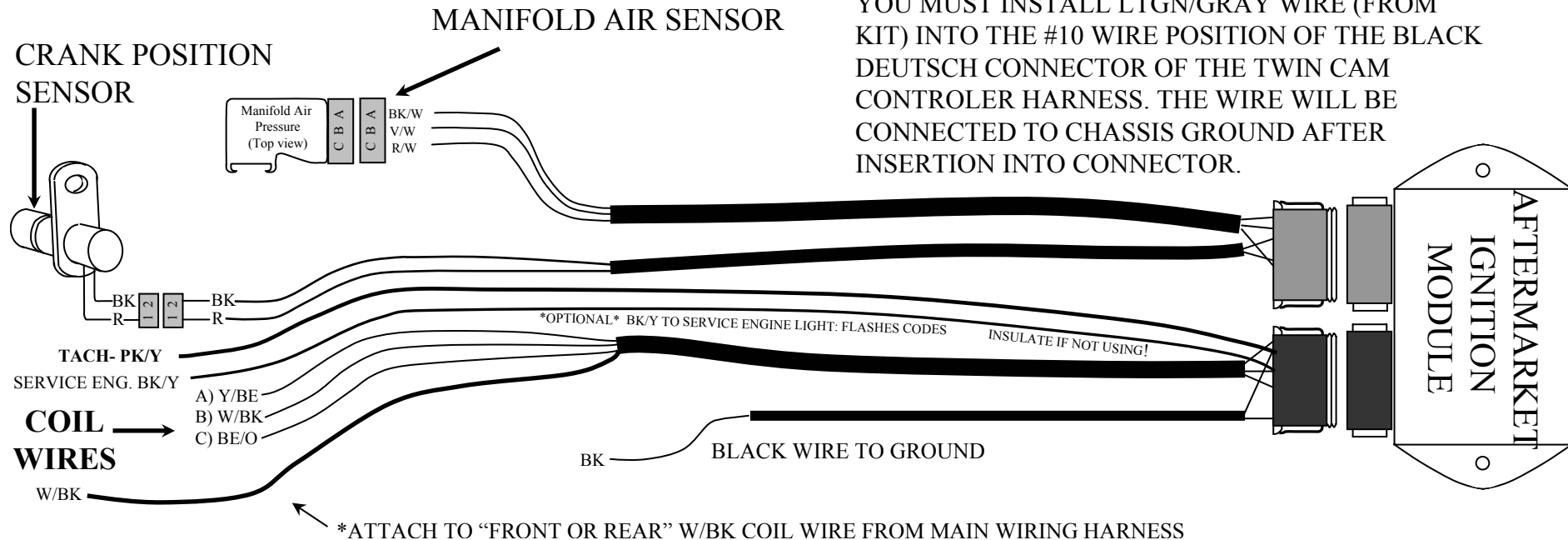
DUE TO THE VARIOUS PLUG STYLES USED ON THE SENSORS AND CRIMP TOOLS REQUIRED, PLUGS ARE NOT PROVIDED IN THIS KIT. WE SUGGEST (FOR A CLEANER INSTALLATION) YOU CUT OFF THE OEM PLUGS AND USE THE BUTT SPLICES AND HEAT SHRINK PROVIDED IN THIS KIT. \*YOU SHOULD USE A GOOD QUALITY DEEP INDENTION CRIMP TOOL FOR ALL CRIMP ON CONNECTORS IN THIS KIT. TRY **THOMAS & BETTS** PART# STA-KON-LUG W-111. IF PLUGS ARE DESIRED THEY CAN BE PURCHASED AT YOUR LOCAL DEALERSHIP FOR THE YEAR AND MODEL OF MOTOR YOU HAVE.

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**AS ALWAYS, WE DO NOT RECOMMEND** THAT YOU BYPASS ANY SAFETY FEATURES THAT YOUR IGNITION WAS EQUIPT WITH. HOWEVER; IF YOU CHOOSE NOT TO CONNECT A BANK ANGLE SENSOR YOU MUST CONSULT WITH YOUR IGNITION MANUFACTURER FOR INSTRUCTIONS. THE GREEN/GRAY WIRE (SUPPLIED IN KIT) WILL BE NEEDED TO COMPLETE THIS PROCESS.

BK/Y WIRE FLASHES DIAGNOSTIC CODES THROUGH SERVICE ENGINE LIGHT OR OTHER LIGHT SOURCE. THIS WIRE CAN BE SEALED OFF AND CONNECTED TO A TEST LIGHT WHEN SENSOR DAGNOSTICS ARE REQUIRED. \*SEE CONTROLLER DOCUMENTATION FOR SERVICE CODE SHEETS.



YOU MUST INSTALL LTGN/GRAY WIRE (FROM KIT) INTO THE #10 WIRE POSITION OF THE BLACK DEUTSCH CONNECTOR OF THE TWIN CAM CONTROLER HARNES. THE WIRE WILL BE CONNECTED TO CHASSIS GROUND AFTER INSERTION INTO CONNECTOR.

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# WP138 MOTOR CONTROLER HARNESS

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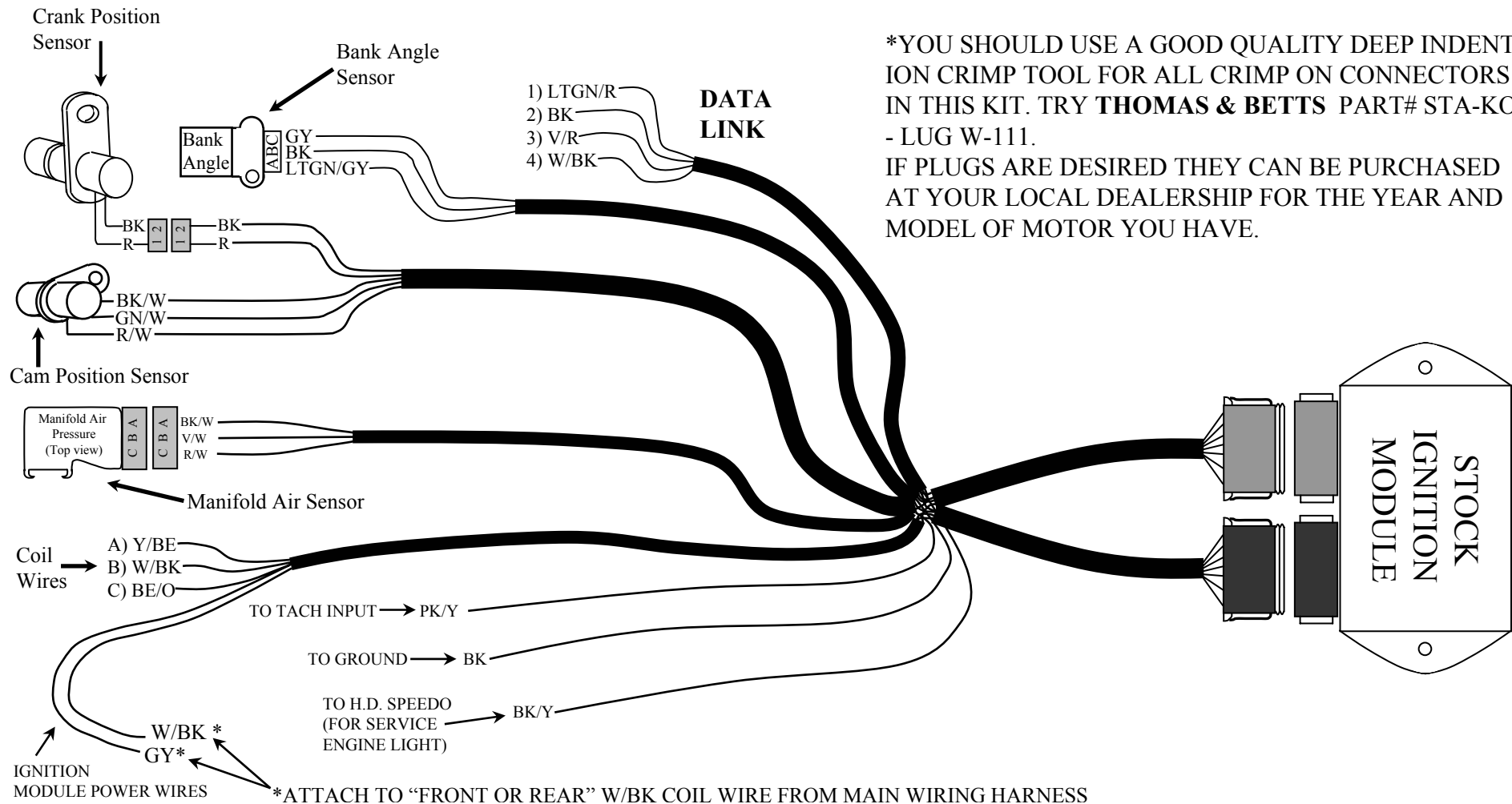
## INSTALLATION INSTRUCTIONS FOR WP138

DUE TO THE VARIOUS PLUG STYLES USED ON THE SENSORS AND CRIMP TOOLS REQUIRED, PLUGS ARE NOT PROVIDED IN THIS KIT.

WE SUGGEST (FOR A CLEANER INSTALLATION) YOU CUT OFF THE OEM PLUGS AND USE THE BUTT SPLICES AND HEAT SHRINK PROVIDED IN THIS KIT.

\*YOU SHOULD USE A GOOD QUALITY DEEP INDENTION CRIMP TOOL FOR ALL CRIMP ON CONNECTORS IN THIS KIT. TRY **THOMAS & BETTS** PART# STA-KON - LUG W-111.

IF PLUGS ARE DESIRED THEY CAN BE PURCHASED AT YOUR LOCAL DEALERSHIP FOR THE YEAR AND MODEL OF MOTOR YOU HAVE.



# WP169 MOTOR CONTROLLER HARNESS

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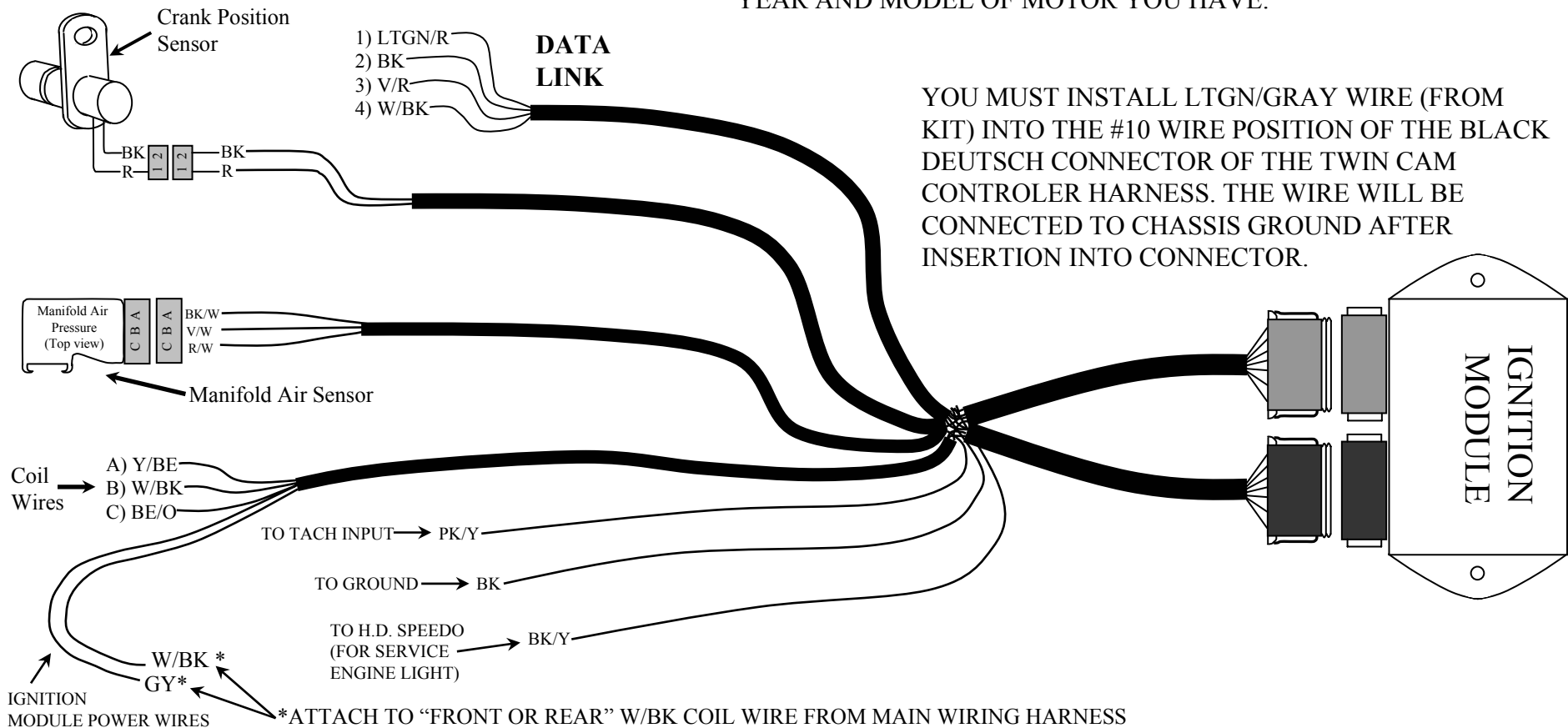
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## INSTALLATION INSTRUCTIONS FOR WP169

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YOU MUST INSTALL LTGN/GRAY WIRE (FROM KIT) INTO THE #10 WIRE POSITION OF THE BLACK DEUTSCH CONNECTOR OF THE TWIN CAM CONTROLER HARNESS. THE WIRE WILL BE CONNECTED TO CHASSIS GROUND AFTER INSERTION INTO CONNECTOR.