



**KBi KSM Kompact™  
KAPower Starting Module**

# **Installation-Operation Manual**

**Supplement for twin-engine installations**



**KBI® KAPower® © 2023 KBI Form # 131526**

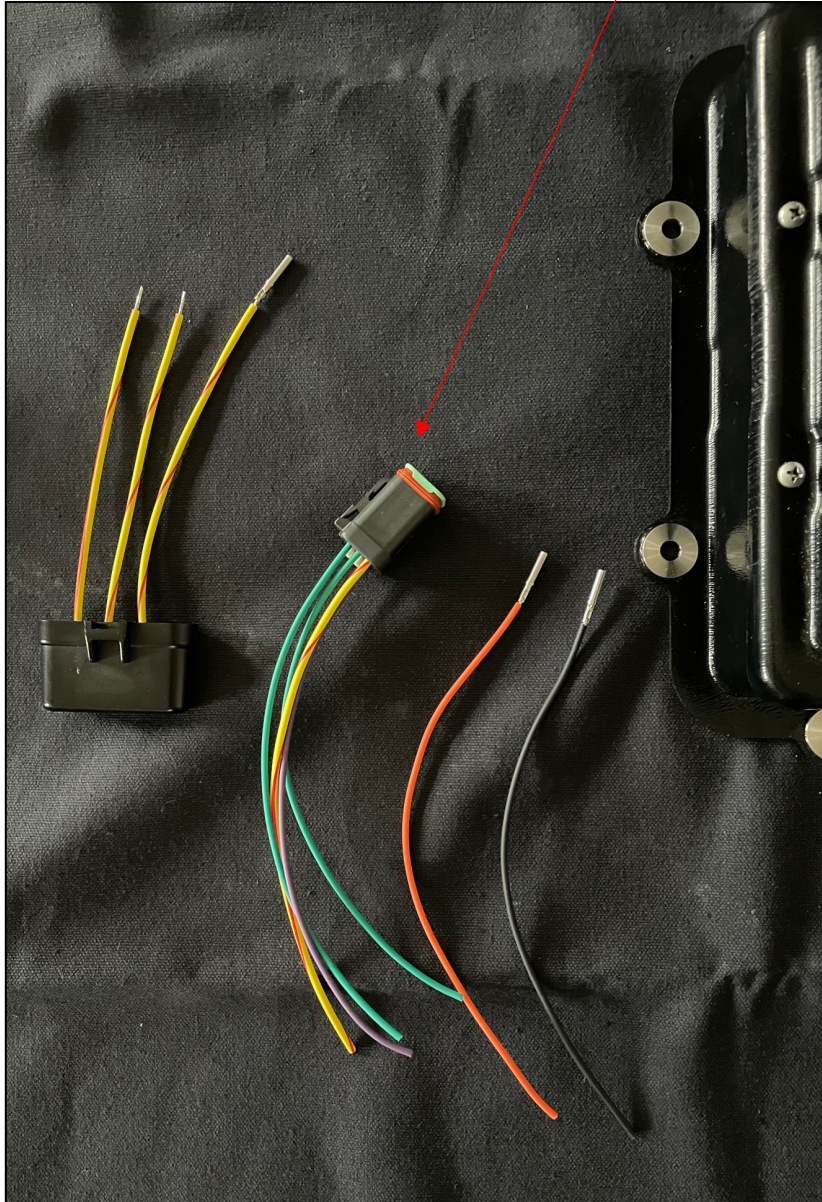


# KSM Kompact main components:

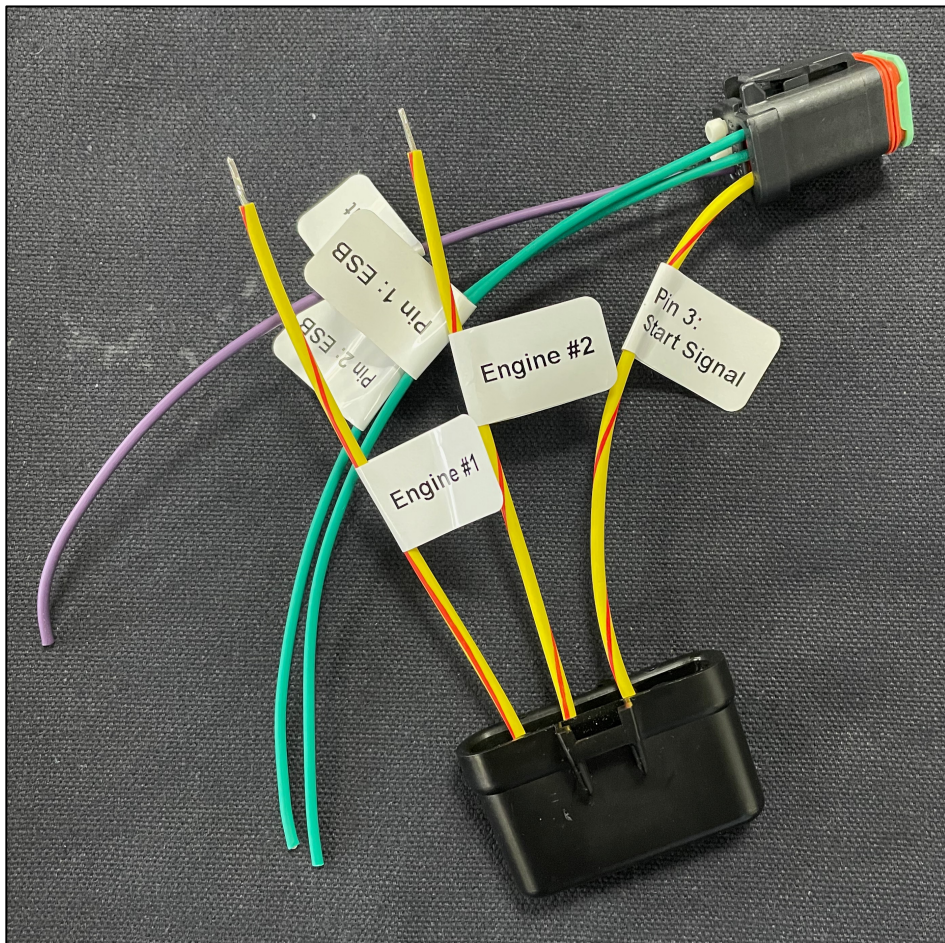
**Note: The three (3) wire yellow/red stripe wire-harness assembly is the accessory for the twin-engine installation.**



**The appropriate tools and procedure will be needed to open and remove the single yellow/red-stripe wire from pin-3 on the Deutsch 6-pin connector.**



**The three (3) wire yellow/red stripe wire-harness assembly is the accessory for the twin-engine installation. Use the yellow/red stripe wire with the Deutsch terminal on the three (3) wire accessory to replace the pin-3 single yellow/red stripe wire that was removed in the prior step.**



**Follow the installation instructions in the Manual, noting that you now have two Starter “S” signal inputs for, one for each engine.**



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## **Installation-Operation Manual**

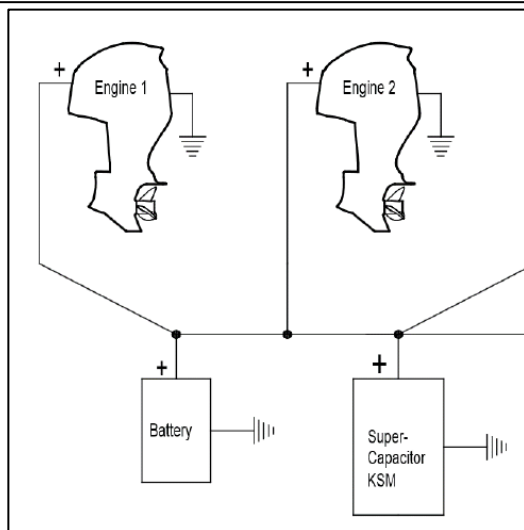


Rev. A

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**ISO**  
**9001:2015**  
REGISTERED





The diagram illustrates the wiring for the KBI 12VDC Ignition System. A battery is connected to a starter solenoid and an ignition circuit. The starter solenoid is connected to the "S" terminal of the KBI unit. The ignition circuit is connected to the "I" terminal of the KBI unit. The KBI unit is shown with its terminals labeled 1, 2, 3, 4, 5, and 6. A note indicates that the "S" terminal power is connected to Pin 3 of the KSM. Another note states that power to the KSM pin 4 is provided for whenever the key is on and the boat is in operation. A third note mentions that an emergency start button can be installed at pins 1 and 2, with a reference to page 9 and 10.

"S" terminal Power to Pin 3 of KSM.  
Note: See figure 5A for alternate source.

Starter Solenoid

Ignition Circuit

Accessory Circuit

Battery

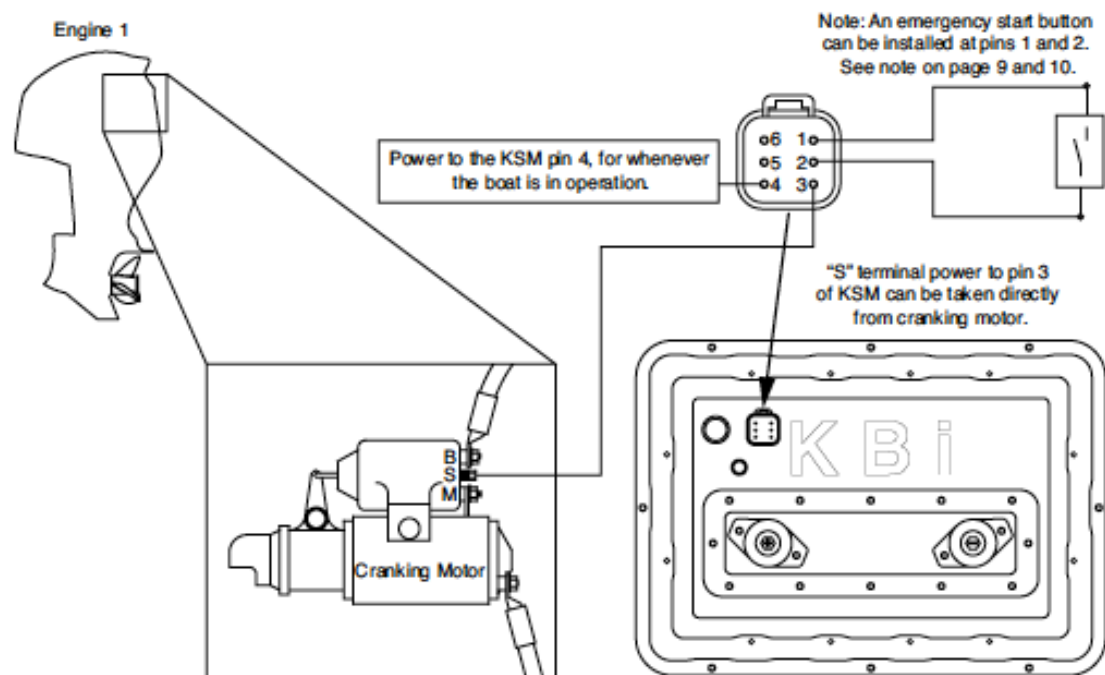
Power to the KSM pin 4, for whenever the key is on and the boat is in operation.

Note: An emergency start button can be installed at pins 1 and 2. See note on page 9 and 10.

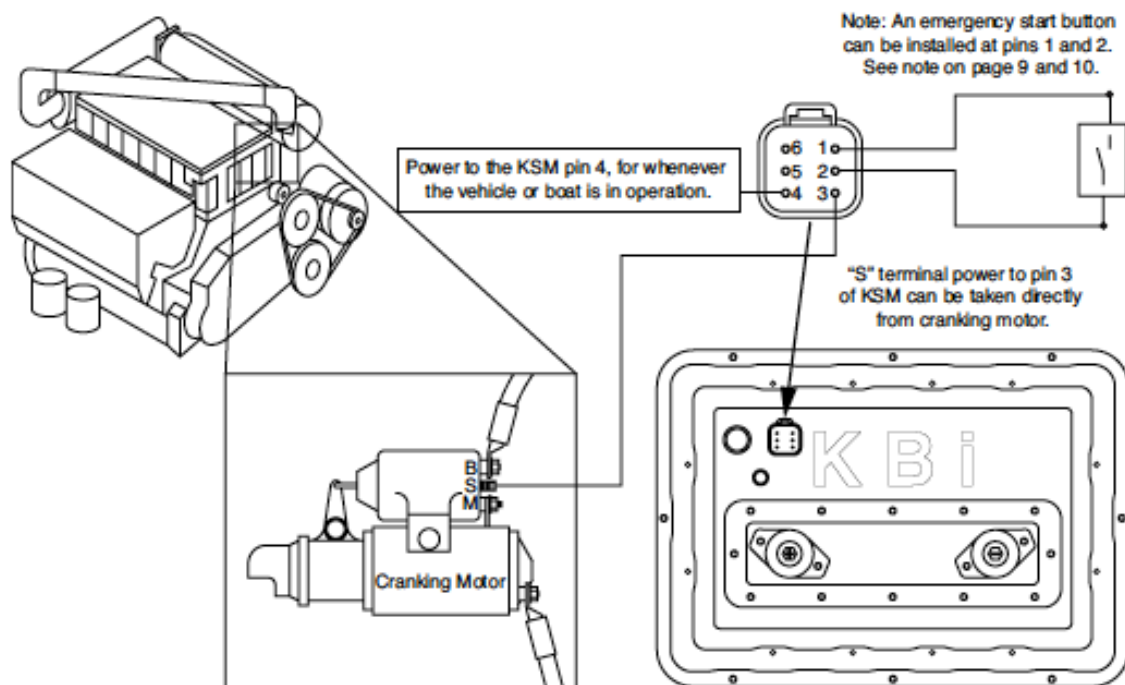
### Figure 5: Key Switch Starter Operation



## Battery Cable Installation Diagrams, continued



**Figure 5A: Boat Operation**



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