

**Technical Bulletin**

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Date Revised:	5/4/2023	Written By:	Hal Arnold
Model/Part No.:	NCSPHB		

**Re: Damaged NCSPHB Units**

**Details:**

NCSPHB allows iN·Command BCM to control hydraulic slides individually. Before NCSPHB, BCM would run all hydraulic slides at once without individual control of rooms. Many NCSPHB units are damaged due to excessive current and are void of warranty for this reason. When NCSPHB fails the slides will no longer run.

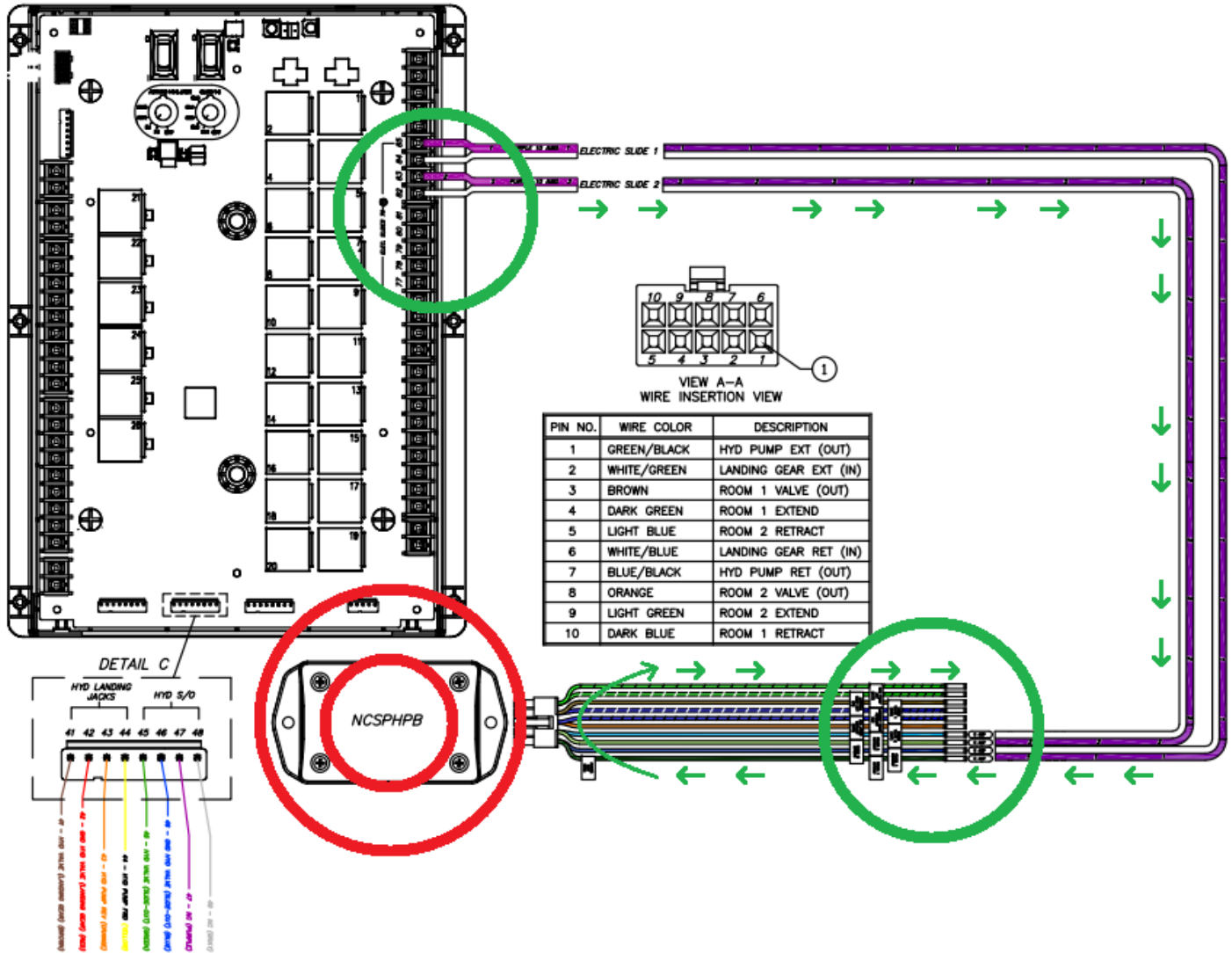
Below photos of NCSPHB:



Below photo of NCSPHB with screws and cover removed:



Below drawing gives an example of how NCSPHB could be connected to BCM:



NCSPHB has inputs supplied by the BCM. BCM provides 12VDC input to NCSPHB, then NCSPHB will output that same 12VDC.

Below chart shows Inputs and Outputs of NCSPHB:

Input	Output
Room 1 Extend ( <b>Dark Green</b> )	Room 1 Valve ( <b>Brown</b> ) & HYD Pump Extend ( <b>Green/Black</b> )
Room 1 Retract ( <b>Dark Blue</b> )	Room 1 Valve ( <b>Brown</b> ) & HYD Pump Retract ( <b>Blue/Black</b> )
Room 2 Extend ( <b>Light Green</b> )	Room 2 Valve ( <b>Orange</b> ) & HYD Pump Extend ( <b>Green/Black</b> )
Room 2 Retract ( <b>Light Blue</b> )	Room 2 Valve ( <b>Orange</b> ) & HYD Pump Retract ( <b>Blue/Black</b> )
Landing Gear Extend ( <b>White/Green</b> )	HYD Pump Extend ( <b>Green/Black</b> )
Landing Gear Retract ( <b>White/Blue</b> )	HYD Pump Retract ( <b>Blue/Black</b> )

You can remove the 4 screws and cover from NCSPHB to inspect inside. If any burns or loose components, then excessive current occurred and damaged NCSPHB. This is denied warranty for physical damage and before replacing NCSPHB the excessive current from hydraulic functions should be resolved.