








Ri Series Firmware Update v1.2

1. Insert a usb drive into PC
2. Unzip the update package and copy the following files to the root of the flash drive
 1. Update.signature
 2. Update.zip
 3. Update_roofts.signature
 4. Update_roofts.zip
 5. CarriageBL_2_6.hex
 6. Spi2CanBL_1_5.hex
 7. TableBL_2_6.hex

 carriageBL_2_6.hex	HEX File	22 KB	No	59 KB	64%	9/28/2017 2:56 PM
 Spi2CanBL_1.5.hex	HEX File	4 KB	No	8 KB	58%	10/4/2017 4:39 PM
 tableBL_2_6.hex	HEX File	22 KB	No	60 KB	63%	9/28/2017 2:56 PM
 update.signature	SIGNATURE File	1 KB	No	1 KB	0%	3/8/2018 1:27 PM
 update.zip	Compressed (zipped) Fol...	17,611 KB	No	17,652 KB	1%	3/8/2018 1:25 PM
 update_roofts.signature	SIGNATURE File	1 KB	No	1 KB	0%	3/7/2018 4:53 PM
 update_roofts.zip	Compressed (zipped) Fol...	95 KB	No	101 KB	7%	3/7/2018 4:52 PM

3. Place the flash drive into the usb slot in the Front USB Input

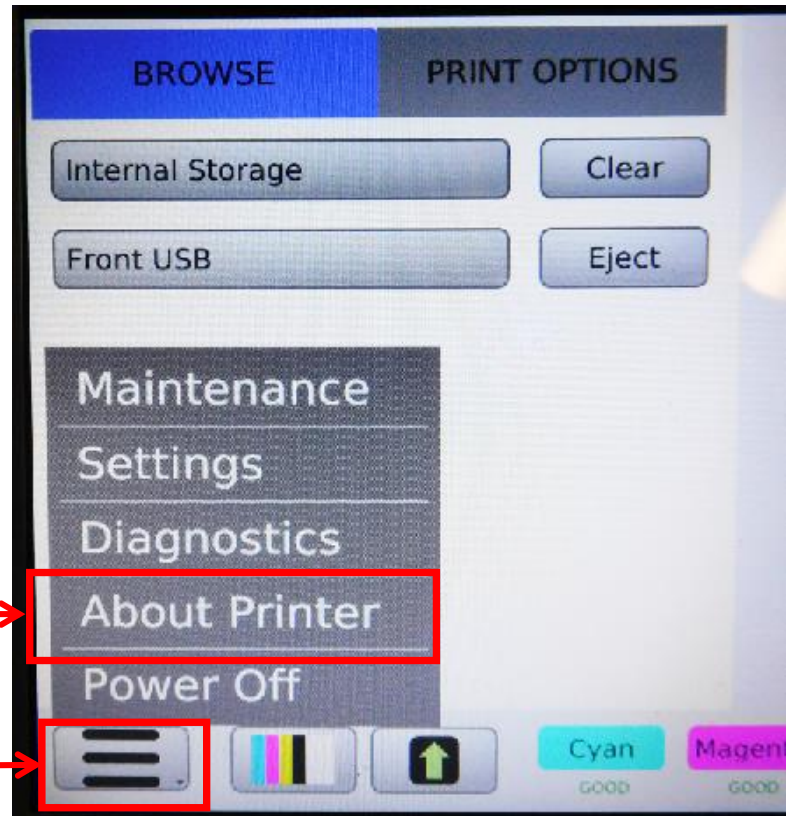


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4. Press Menu>>About Printer >> Update; The printer will automatically power down
5. Press the power button and Check the firmware version under Menu>>About Printer

About Printer

Menu

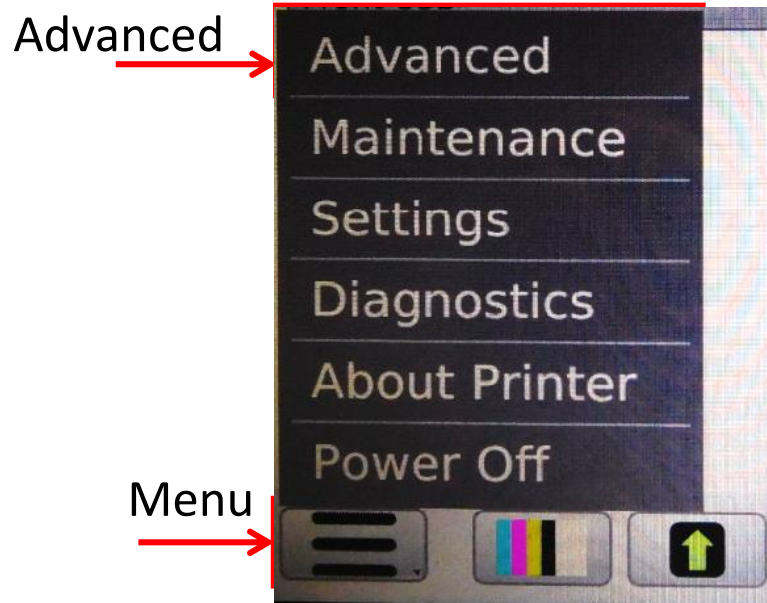


Current
Firmware
v1.2.0

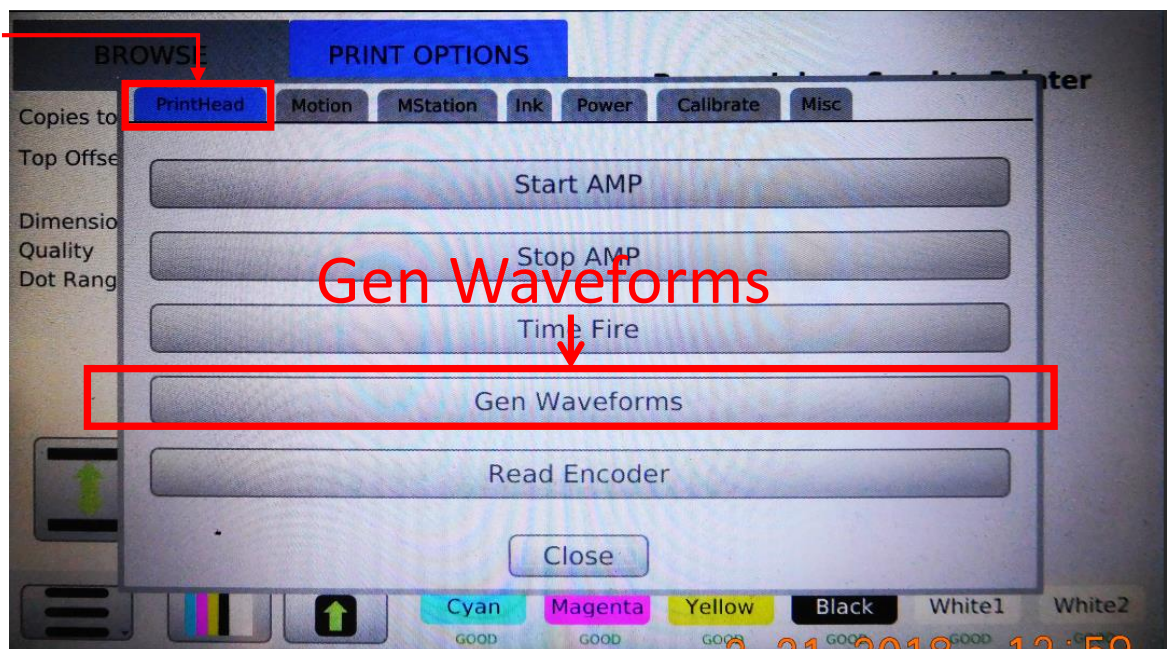
Update

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6. Press the Power button 8x to enable the advanced menu
7. Go to the PrintHead tab and select Gen Waveform.
8. Restart the printer



PrinHead



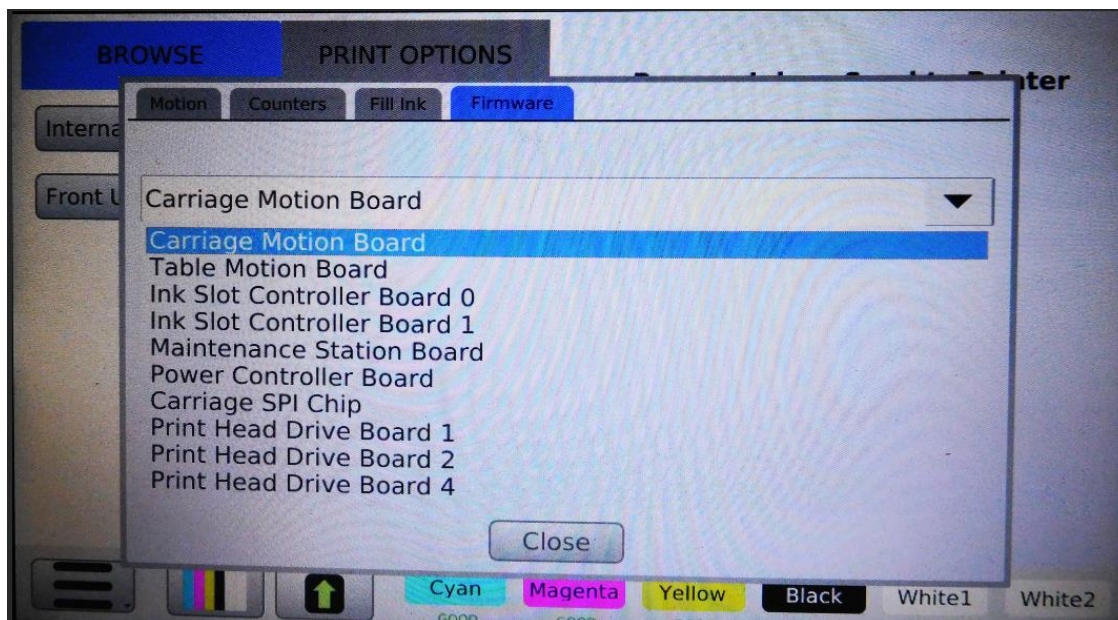
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9. For the next part of this update, we will update the following boards:

1. Carriage Motion Board > CarriageBL_2_6.hex
2. Table Motion Board > TableBL_2_6.hex
3. Carriage SPI Chip > Spi2CanBL_1_5.hex

10. Steps 11-17 will need to be repeated for each board listed above

 carriageBL_2_6.hex	9/28/2017 2:56 PM	HEX File	59 KB
 Spi2CanBL_1.5.hex	10/4/2017 4:39 PM	HEX File	8 KB
 tableBL_2_6.hex	9/28/2017 2:56 PM	HEX File	60 KB

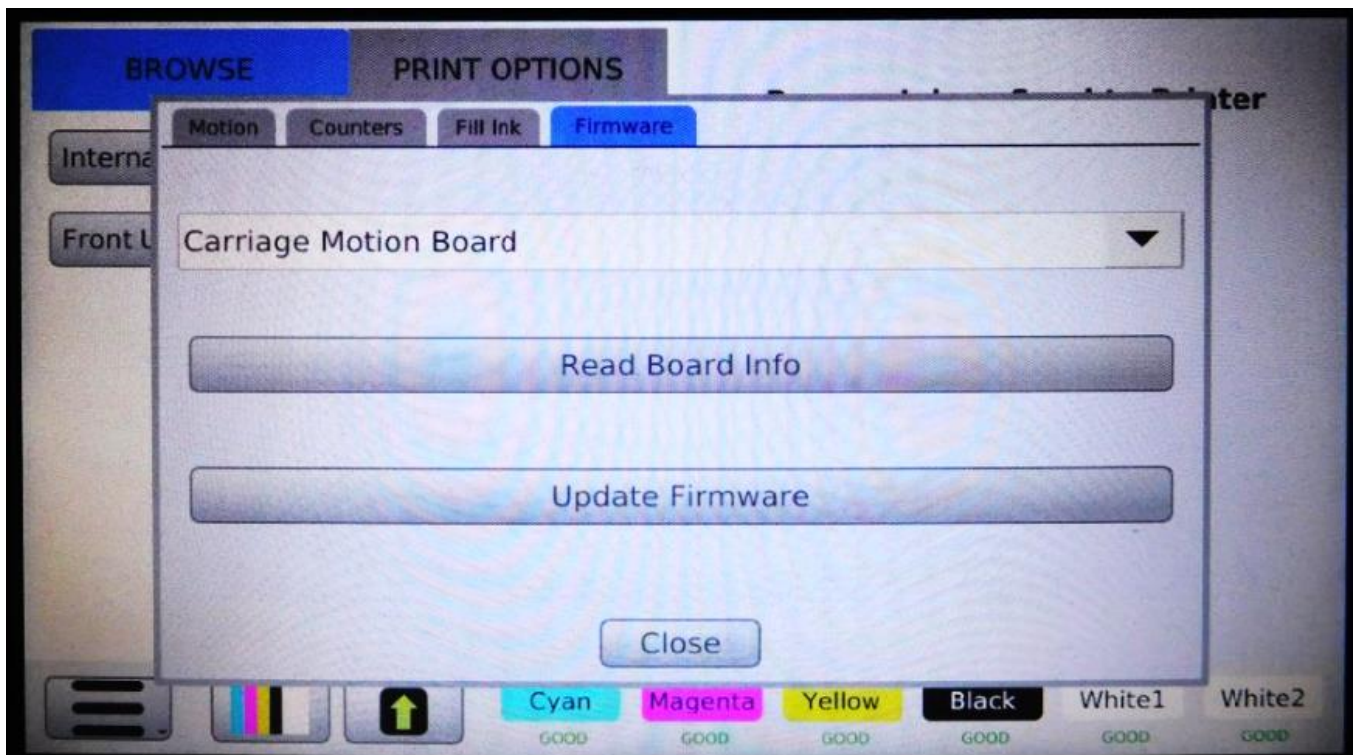
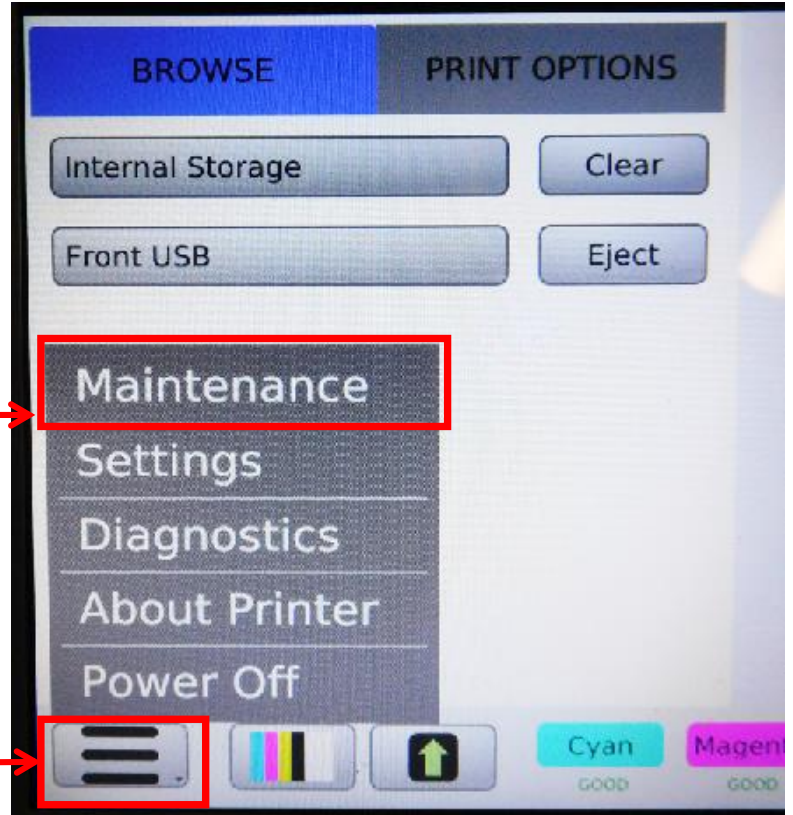


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11. Press Menu>>About Printer
>> Maintenance>>Firmware

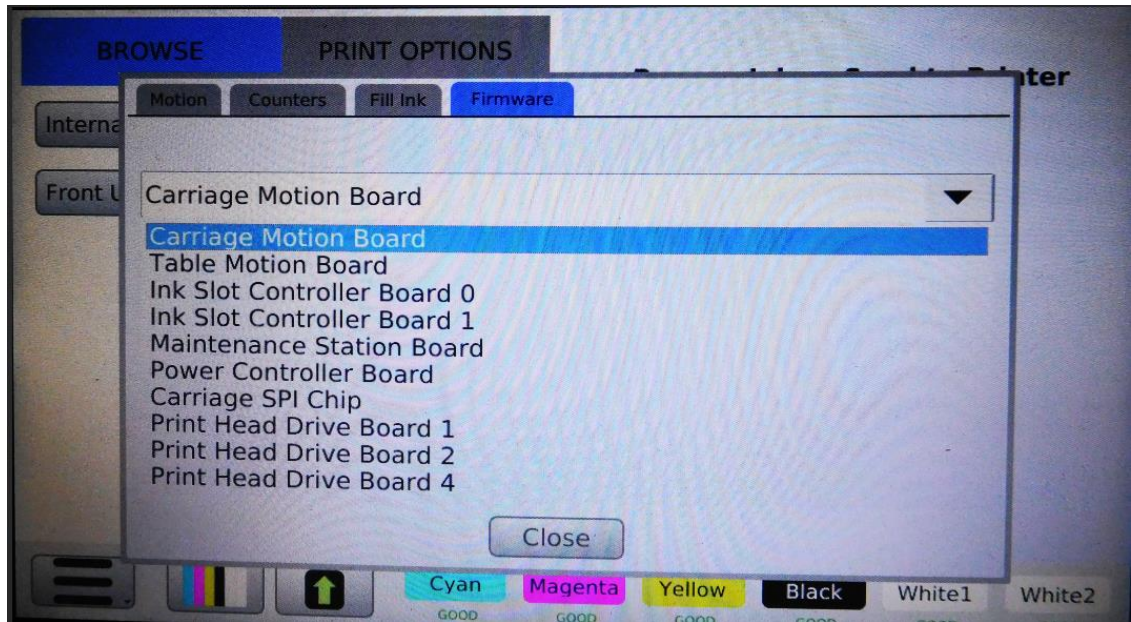
Maintenance

Menu



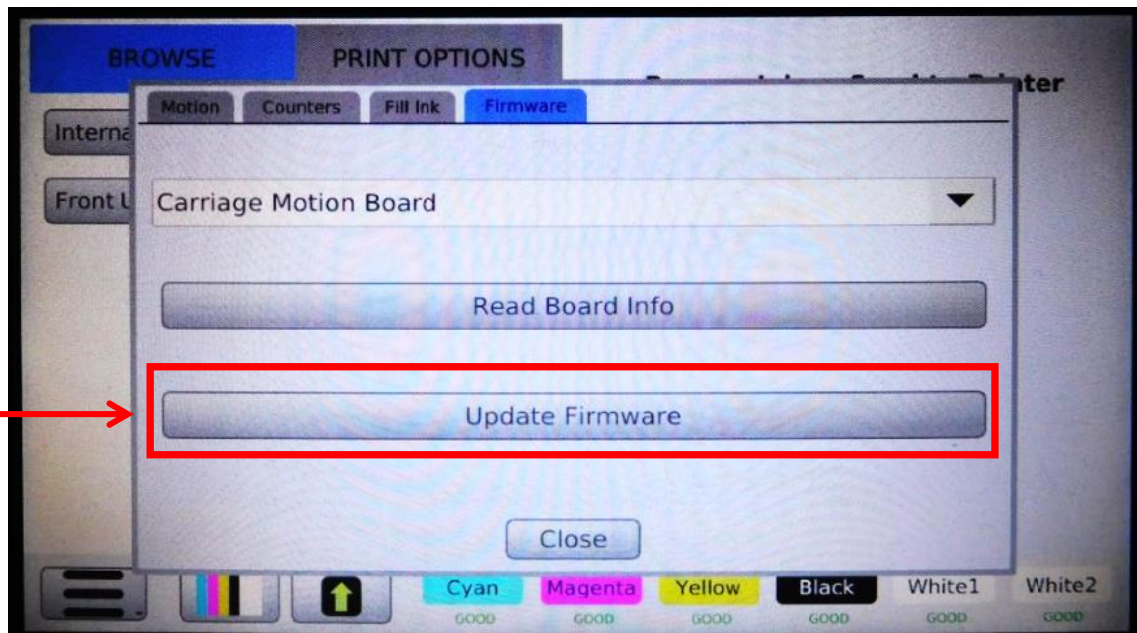
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12. Select the board to be updated from the drop down list



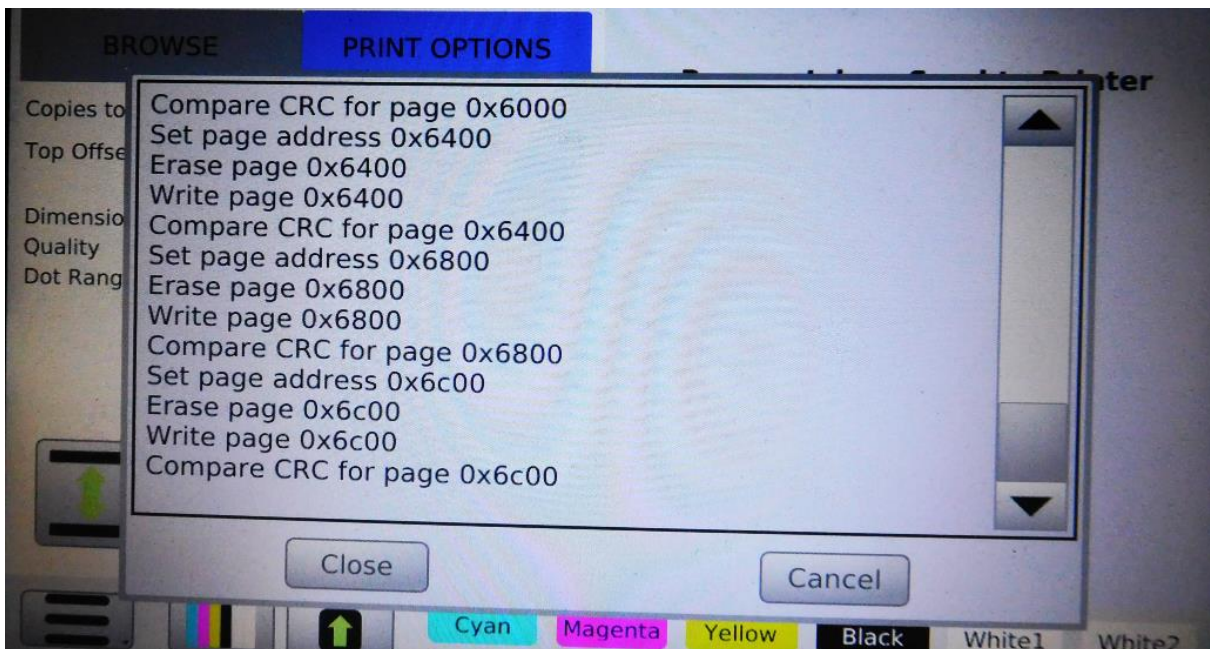
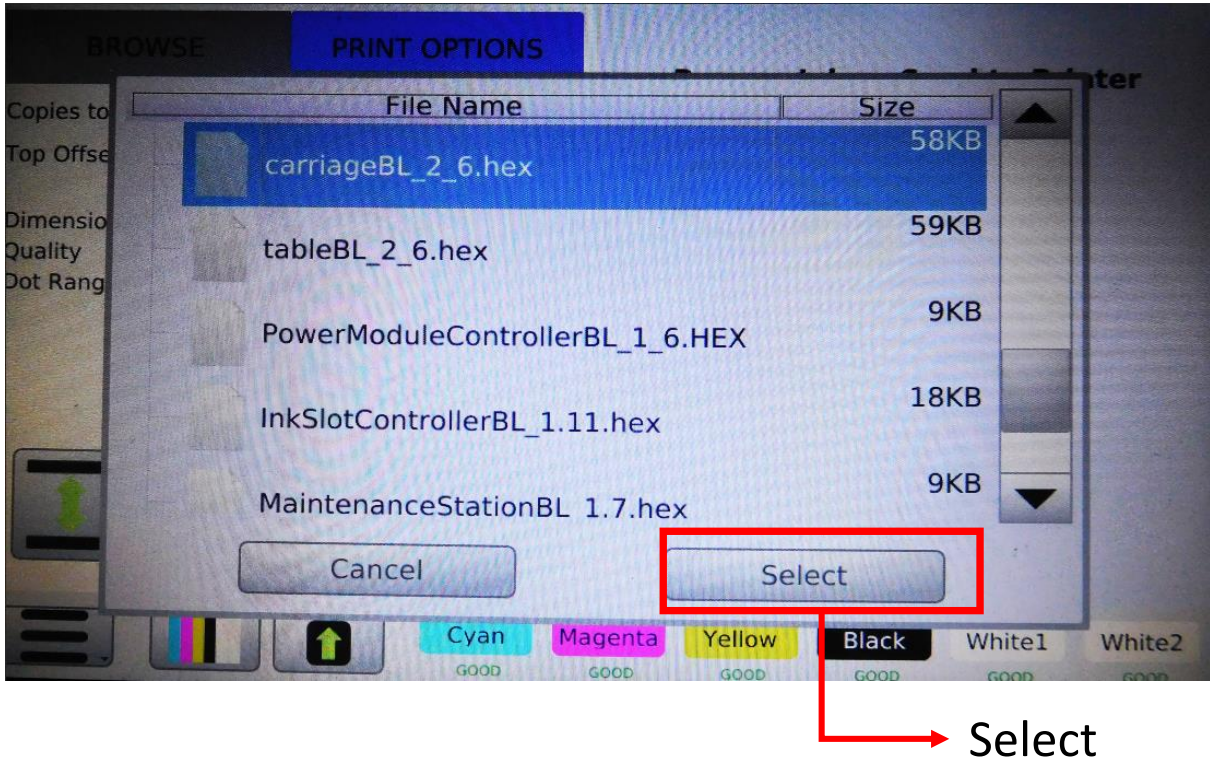
13. Press Update Firmware

Update
Firmware →



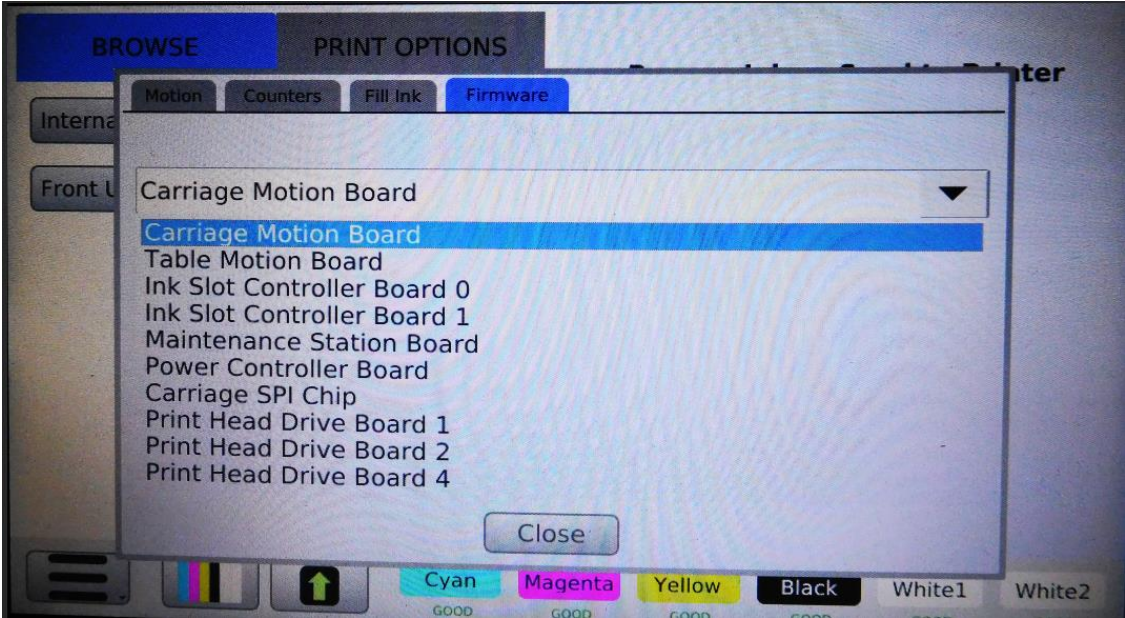
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14. Choose the file for the board to be updated and press Select once the correct board is highlighted

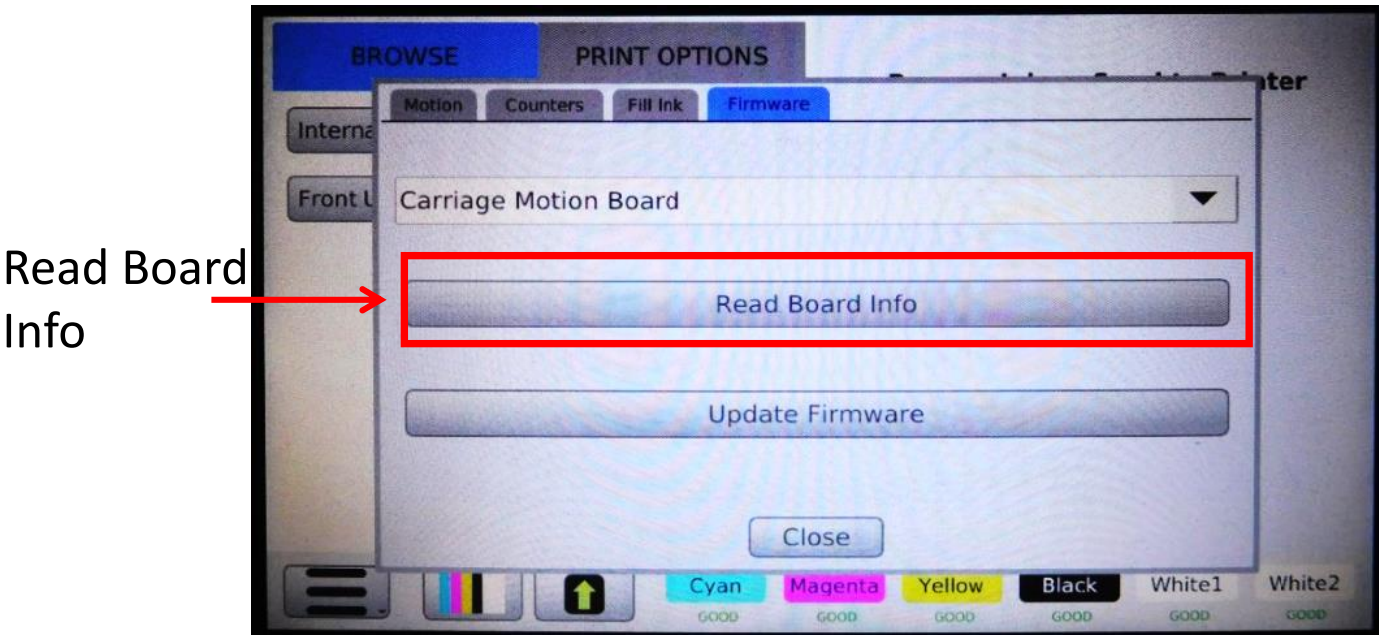


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15. Select the board to be verified from the drop down list



16. Press Read Board Info



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17. Confirm the Board Version number matches the latest version

1. Carriage Motion Board | Version: 2.6
2. Table Motion Board | Version: 2.6
3. Carriage SPI Chip | Version: 1.5

