SMART™

Service Parts Diagrams

For Model:
PX332
PX340
PX342
PX342B
PX346
PX350
PX352

Service Parts Diagrams Revision History

Revision 1 - November, 2009

• New document

Standard Warranty Terms

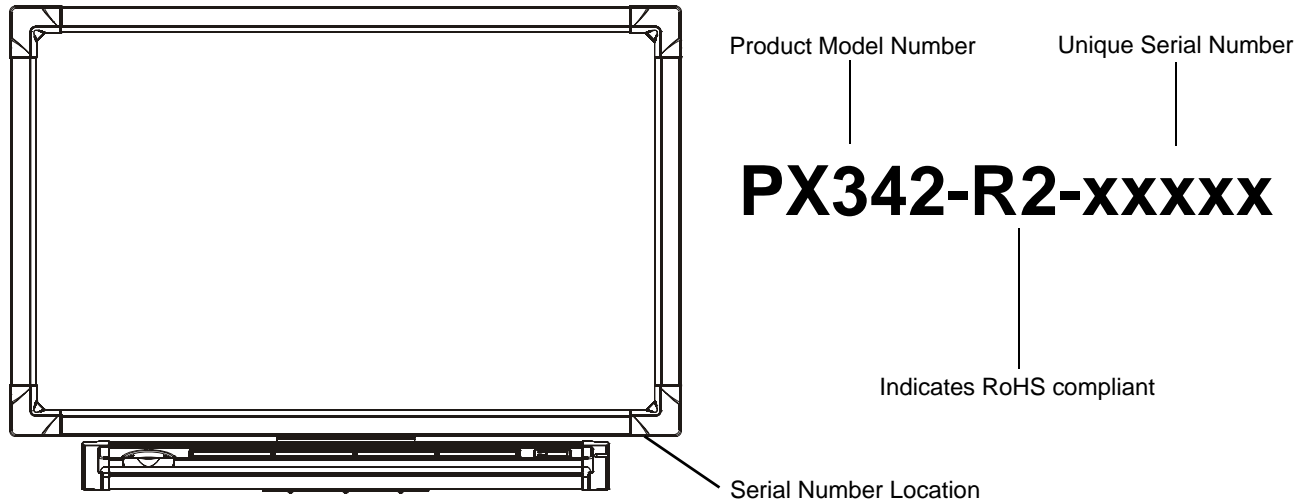Base Product: Two-year limited equipment warranty

Service Parts Diagrams for the Universal Bracket SMART Board *for Flat-Panel Displays* Interactive Whiteboard

Identifying Your Product Using the Serial Number

To make sure that you have the correct service parts diagrams, you must verify the serial number of your Universal Bracket SMART Board *for Flat-Panel Displays* interactive whiteboard. The serial number is located on the bottom right corner of the interactive whiteboard, above the pen tray. An example of the serial number format is shown below.

Product Model Number   Unique Serial Number

PX342-R2-xxxxx

Indicates RoHS compliant

Serial Number Location

For non-RoHS compliant models, the serial number will match this format: PX342-2L-xxxxx.

For RoHS compliant (Europe) models, the serial number will match this format: PX342-2L-R1-xxxxx.

For RoHS compliant (Europe and China) models, the serial number will match this format: PX342-R2-xxxxx.

Ordering Parts

Customers

To order any of the parts in these service parts diagrams, contact your local reseller.
To find a reseller near you, visit www.smarttech.com/where.

Dealers and Distributors

For specific technical and pricing enquiries in regards to these diagrams please contact our service parts department.
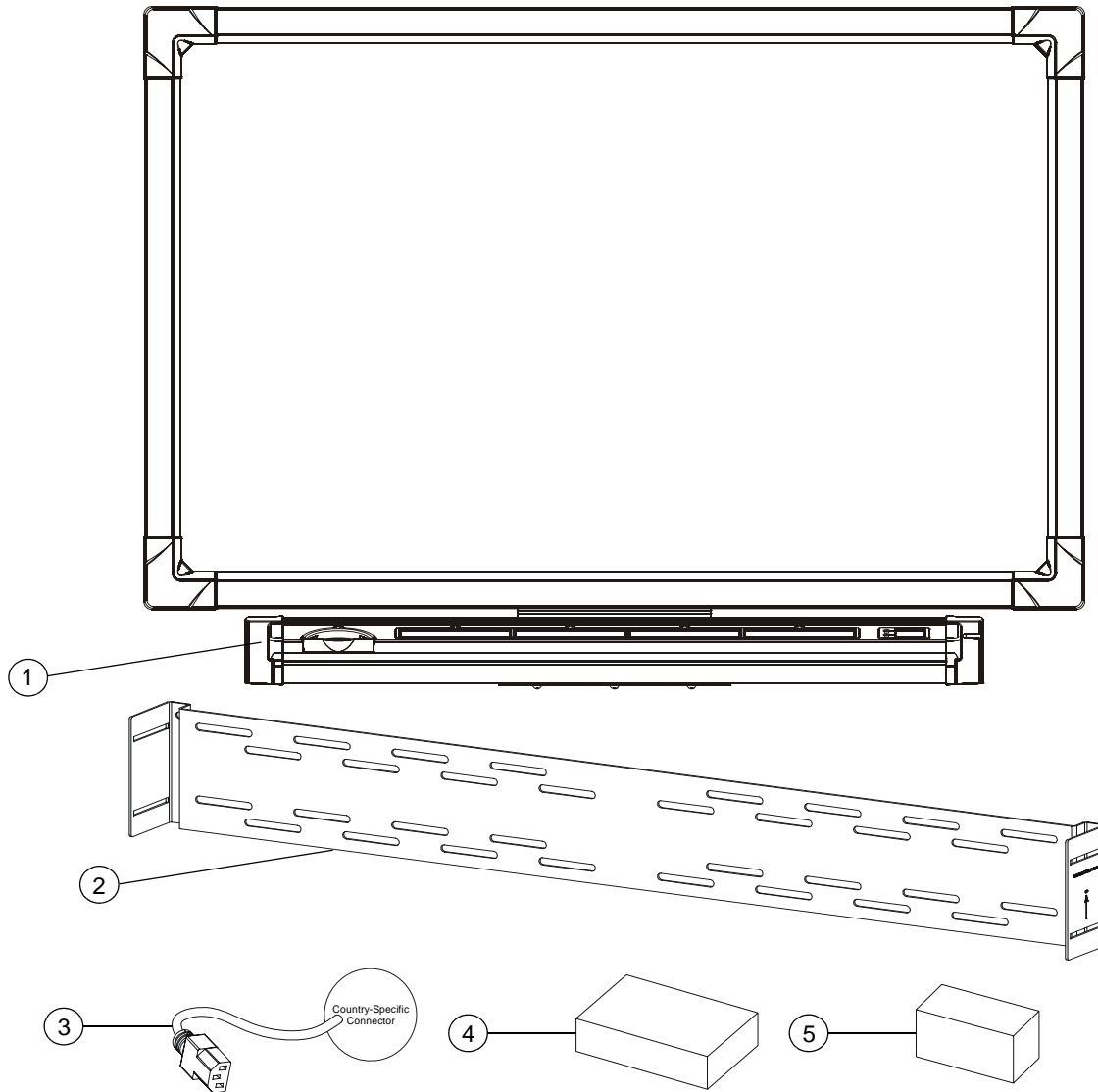Pricing is also available on-line via the SOURCE website (source.smarttech.com).

E-mail: serviceparts@smarttech.com
Phone: 1.888.42.SMART
International: +1.403.245.0333

Overview

Item	Part No.	Qty	Description
1	PT12C-20	1	Assembly, pen tray, version 4.x firmware **NOTE:** For 3.x firmware version pen trays the FRU-DV-SC8-3 replacement controller will also be required. Please contact Technical Support for verification.
2	51-00584-20	1	Bracket, center, PX332
2	51-00517-20	1	Bracket, center, PX340
2	51-00568-20	1	Bracket, center, PX342, PX342B
2	51-00525-20	1	Bracket, center, PX346
2	51-00454-20	1	Bracket, center, PX350
2	51-00701-20	1	Bracket, center, PX352
3	93-051	1	Cable, power, North America, 8' (2.4 m)
3	93-055	1	Cable, power, United Kingdom, 8' (2.4 m)
3	93-056	1	Cable, power, Autstralia, 8' (2.4 m)
3	93-063	1	Cable, power, South Africa, 8' (2.4 m)

3	93-054	1	Cable, power, Europe, 8' (2.4 m)
3	93-00654-20	1	Cable, power, Japan, 8' (2.4 m)
4	AK-00083-21	1	Kit, accessory, universal bracket, pen tray version
5	20-00654-20	1	Assembly, kit, bracket, universal
6	20-00803-00	1	Packaging, PX332
6	20-00366-00	1	Packaging, PX340
6	20-00367-01	1	Packaging, PX342, PX342B
6	20-00369-00	1	Packaging, PX346
6	20-00371-02	1	Packaging, PX350
6	20-00941-20	1	Packaging, PX352

Front View of Interactive Whiteboard
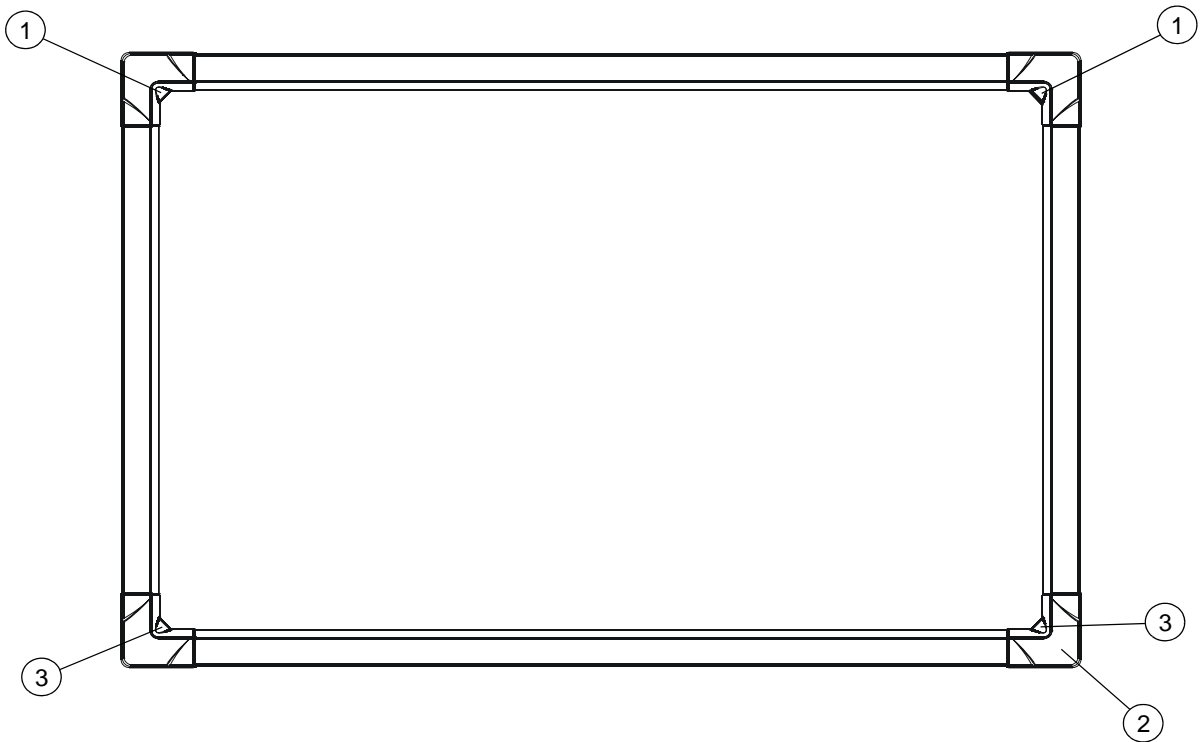
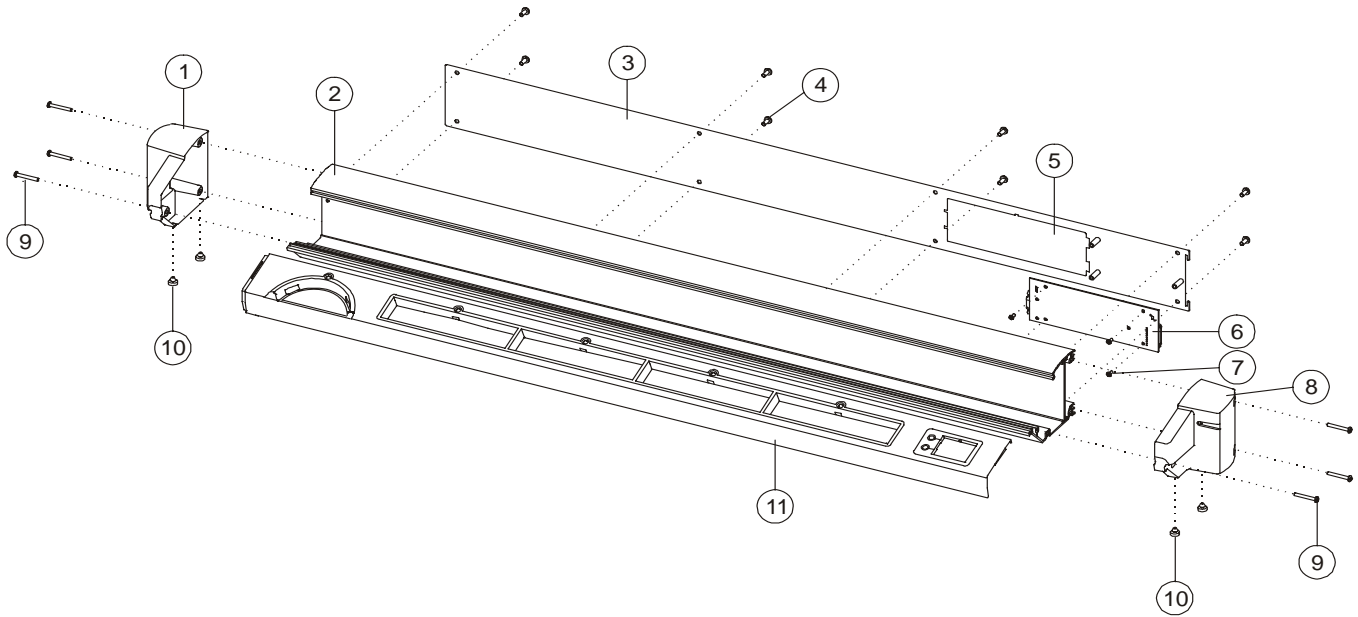| Item	Part No.	Qty	Description
1	FRU-DV-CAMx-y	2	FRU, camera, DViT **NOTE:** Call Technical Support for firmware version verification.
2	52-00153-00	4	Corner cap, outer, silver
3	26-00078-20	2	Circuit card, LED, corner
4	FRU-LED-12L	1	FRU, LED replacement strip, long, PX332
5	FRU-LED-12S	2	FRU, LED replacement strip, short, PX332
4	FRU-LED-2L	1	FRU, LED replacement strip, long, PX340
5	FRU-LED-2S	2	FRU, LED replacement strip, short, PX340
4	FRU-LED-3L	1	FRU, LED replacement strip, long, PX342, PX342B
5	FRU-LED-3S	2	FRU, LED replacement strip, short, PX342, PX342B
4	FRU-LED-5L	1	FRU, LED replacement strip, long, PX346
5	FRU-LED-5S	2	FRU, LED replacement strip, short, PX346
4	FRU-LED-7L	1	FRU, LED replacement strip, long, PX350
5	FRU-LED-7S	2	FRU, LED replacement strip, short, PX350
4	FRU-LED-15L	1	FRU, LED replacement strip, long, PX352
5	FRU-LED-15S	2	FRU, LED replacement strip, short, PX352
6	93-00425-20	2	Cable, MOD8 to MOD8, 3'11" (1.2 m), PX332 **NOTE:** Connects the cameras to the hub.

| 6	93-00445-20	2	Cable, MOD8 to MOD8, 4'4" (1.3 m), PX340 **NOTE:** Connects the cameras to the hub.
6	93-00355-20	2	Cable, MOD8 to MOD8, 4'7" (1.4 m), PX342, PX342B **NOTE:** Connects the cameras to the hub.
6	93-00546-20	2	Cable, MOD8 to MOD8, 4'9" (1.5 m), PX346 **NOTE:** Connects the cameras to the hub.
6	93-00380-20	2	Cable, MOD8 to MOD8, 5'3" (1.6 m), PX350, PX352 **NOTE:** Connects the cameras to the hub.

Back View of Interactive Whiteboard
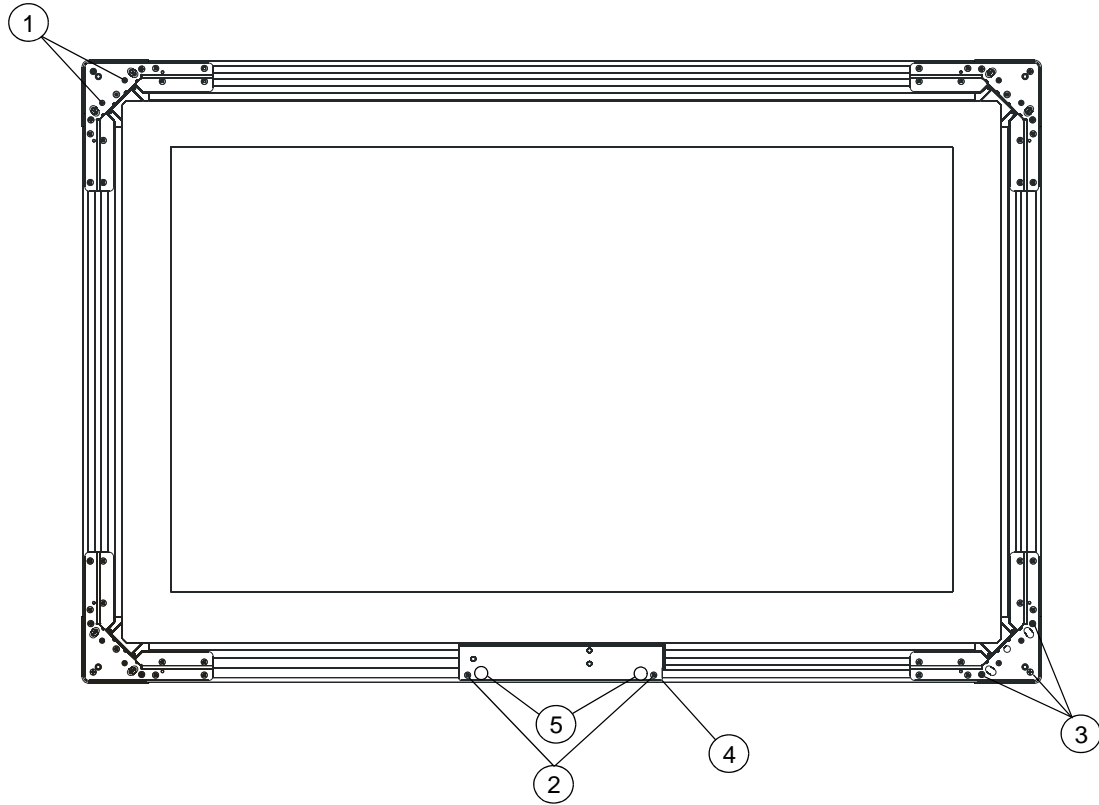
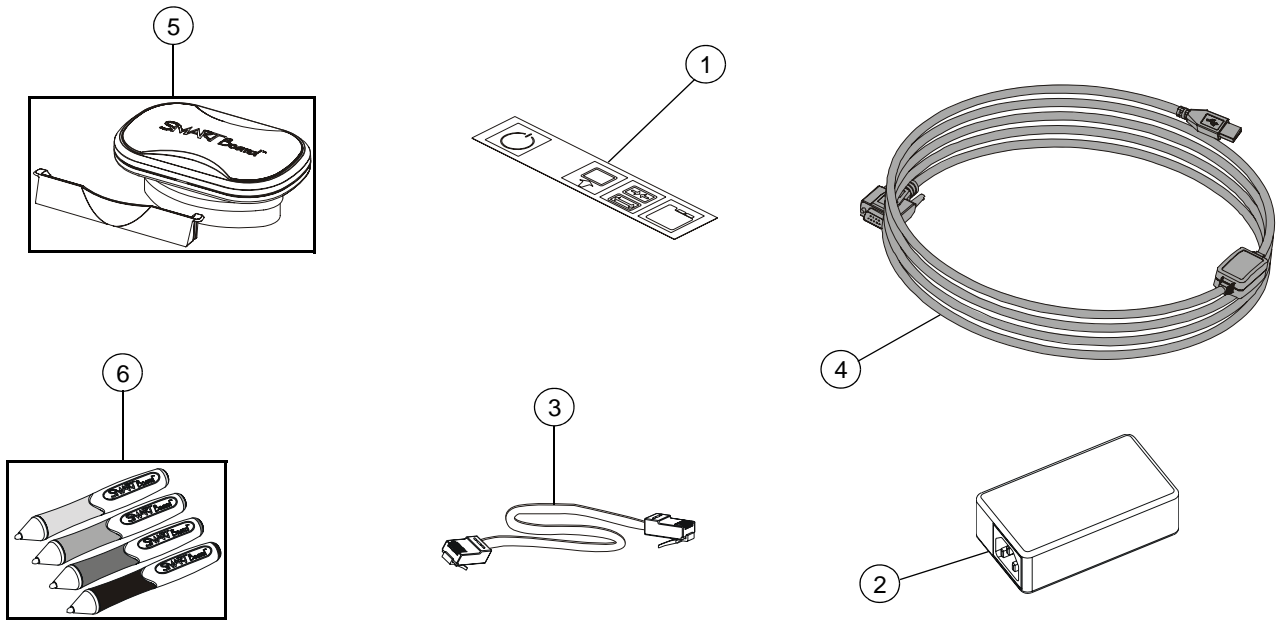| Item	Part No.	Qty	Description
1	30-00885	8	Screw, 8-32 × 3/8", Phillips, flat, undercut **NOTE:** For attaching cameras.
2	30-00653-20	2	Screw, 10-32 × 3/8", square recess, flat head **NOTE:** For attaching hub.
3	30-00719-20	12	Screw, No. 10 × 3/4", Phillips, flat head, for plastics **NOTE:** For attaching corner caps.
4	FRU-DV-HUB1	1	FRU, hub, assembly
5	30-00667	10	Nut, knob, 8-32, Sigma 2 **NOTE:** For attaching pen tray and corner brackets.

Pen Tray Assembly (Part No. PT12C-xx)

Item	Part No.	Qty	Description
1	52-00003-02	1	End cap, pen tray, left, silver
2	51-00262-00	1	Extrusion, pen tray, silver
3	51-00127-20	1	Back plate, pen tray
4	30-419	8	Screw, 8-32 × 1/4", Phillips, pan head **NOTE:** For attaching pen tray back plate.
5	52-0002-00	1	Grommet, cable
6	FRU-DV-SC8-x	1	FRU, replacement serial controller **NOTE:** Call Technical Support for firmware version verification.
7	30-00731-20	3	Screw, 4-40 × 1/4", Phillips, pan head **NOTE:** For attaching serial controller.
8	52-00004-02	1	End cap, pen tray, right, silver
9	30-00446-20	6	Screw, 6-32 × 3/8", Phillips, pan head **NOTE:** For attaching pen tray end caps.
10	30-457	4	Bumper, rubber, black
11	FRU-PT10-SILVER	1	FRU, pen tray, silver **NOTE:** Controller not included.
Not shown	93-00594-20	1	Cable, ribbon, 13 1/2" (34 cm), pen tray to controller
Not shown	51-00130-01	1	Bracket, mounting, pen tray
Not shown	30-00421-20	3	Screw, 1/4"-20 × 3/8", round head **NOTE:** Attaches the pen tray mounting bracket to the pen tray.

Universal Bracket Kit Assembly (Part No. 20-00654-20)
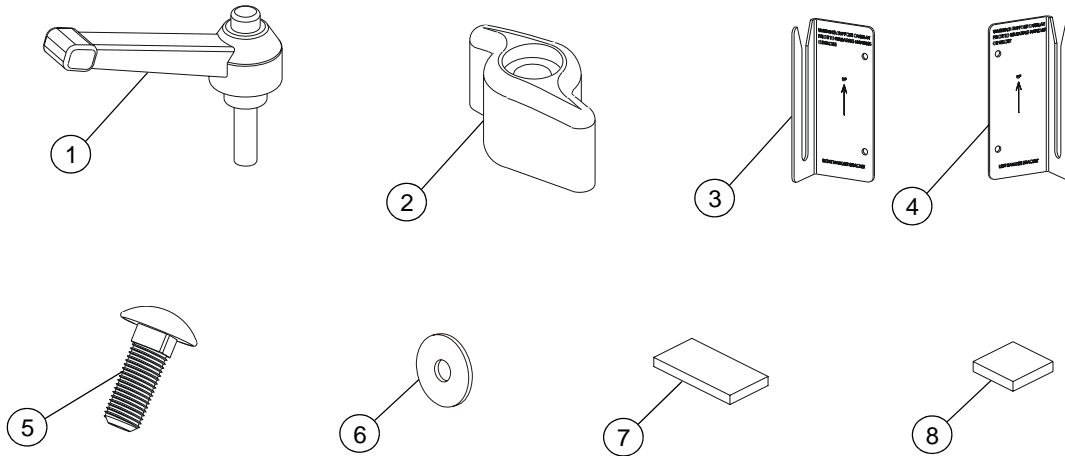
Item	Part No.	Qty	Description
1	30-00931	2	Handle, adjustable
2	30-00940	4	Handle, 1/4"-20 × 3/8" insert, T, two sided
3	51-00452-20	1	Bracket, hanger, right
4	51-00453-20	1	Bracket, hanger, left
5	30-00821-20	4	Bolt, 1/4"-20 × 3/4", carriage
6	30-00941-20	8	Washer, 11/32", flat
7	52-00186-00	4	Spacer, Poron, large
8	52-00175-00	4	Spacer, Poron, small

Pen Tray Version Universal Bracket Accessory Kit (Part No. AK-00083-21)

Item	Part No.	Qty	Description
1	43-00094-20	1	Icon strip, display
2	60-00051-20	1	Power supply, 12V DC, 5.0A, universal switching
3	93-00424-20	1	Cable, MOD8 to MOD8, 16" (40.6 cm), hub to controller
4	93-00583-21	1	Cable, USB, DB9 female to USB, 25' (7.6 m) **NOTE:** Does not provide power.
5	ERA-003	1	Small eraser, comes with eraser barrier
6	RPEN	1	Pens - set of four (Black, Red, Blue, Green)

Service Parts Diagrams for the Univeral Bracket SMART Board for Flat-Panel Displays Interactive Whiteboard