# Parts and Diagrams

# 7

# Printer Support

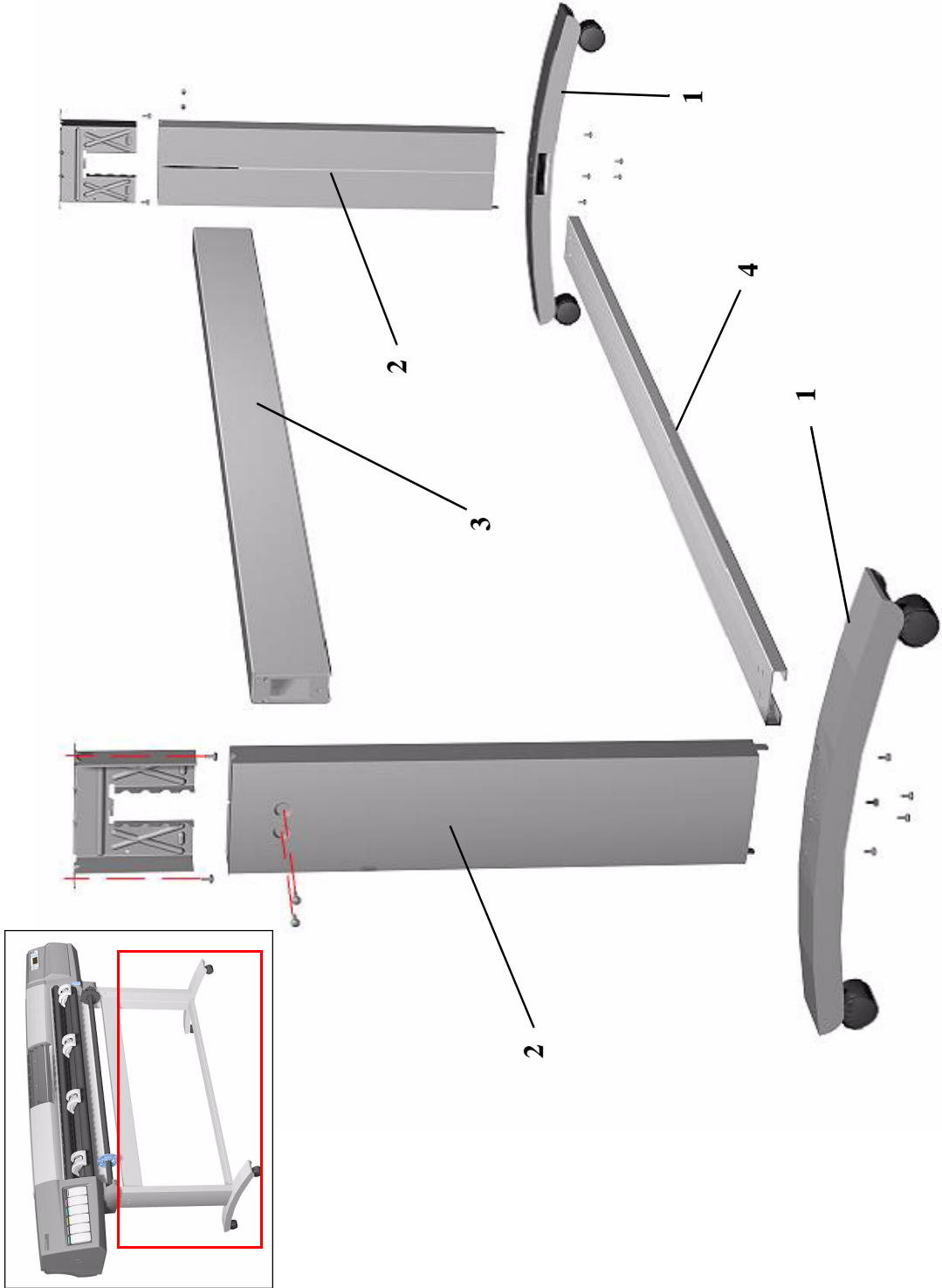| Printer Support | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6090-60049 | 2 | Foot Assembly |
| 2 | C6090-60047 | 2 | Legs Assembly |
| 3 | C6095-60167 | 1 | Top X-Brace Assembly  (60" Model) |
|  | C6090-60055 | 1 | Top X-Brace Assembly  (42" Model) |
| 4 | C6095-60166 | 1 | Bottom X-Brace Assembly (60" Model) |
|  | C6090-60056 | 1 | Bottom X-Brace Assembly (42" Model) |
| - | C6090-60046 | 1 | Hardware Kit (Includes Screw Drivers) |

**Figure 3: Printer Support**

# Bin and Take-Up Reel

| Bin and Take-Up Reel | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6090-60057 | 1 | 42" Bin |
| 2 | C6095-60188 | 1 | Take-Up Reel Spindle (60" Model) |
|  | C6090-60178 | 1 | Take-Up Reel Spindle (42" Model) |
| 3 | C6090-60183 | 1 | Left Take-Up Reel Holder |
| 4 | C6090-60182 | 1 | Right Take-Up Reel Holder |
| 5 | C6095-60189 | 1 | Take-Up Reel Tubes  (60" Model) |
|  | C6090-60177 | 1 | Take-Up Reel Tubes  (42" Model) |
| 6 | C6095-60187 | 1 | Take-up Reel Deflector (60" Model) |
|  | C6090-60179 | 1 | Take-up Reel Deflector (42" Model) |
| 7 | C6090-60184 | 1 | Take-Up Reel Sensor |
| 8 | C6090-60175 | 1 | Left Hand Take-Up Reel Spindle Guide |
| 9 | C6090-60112 | 2 | 3" Adaptors |
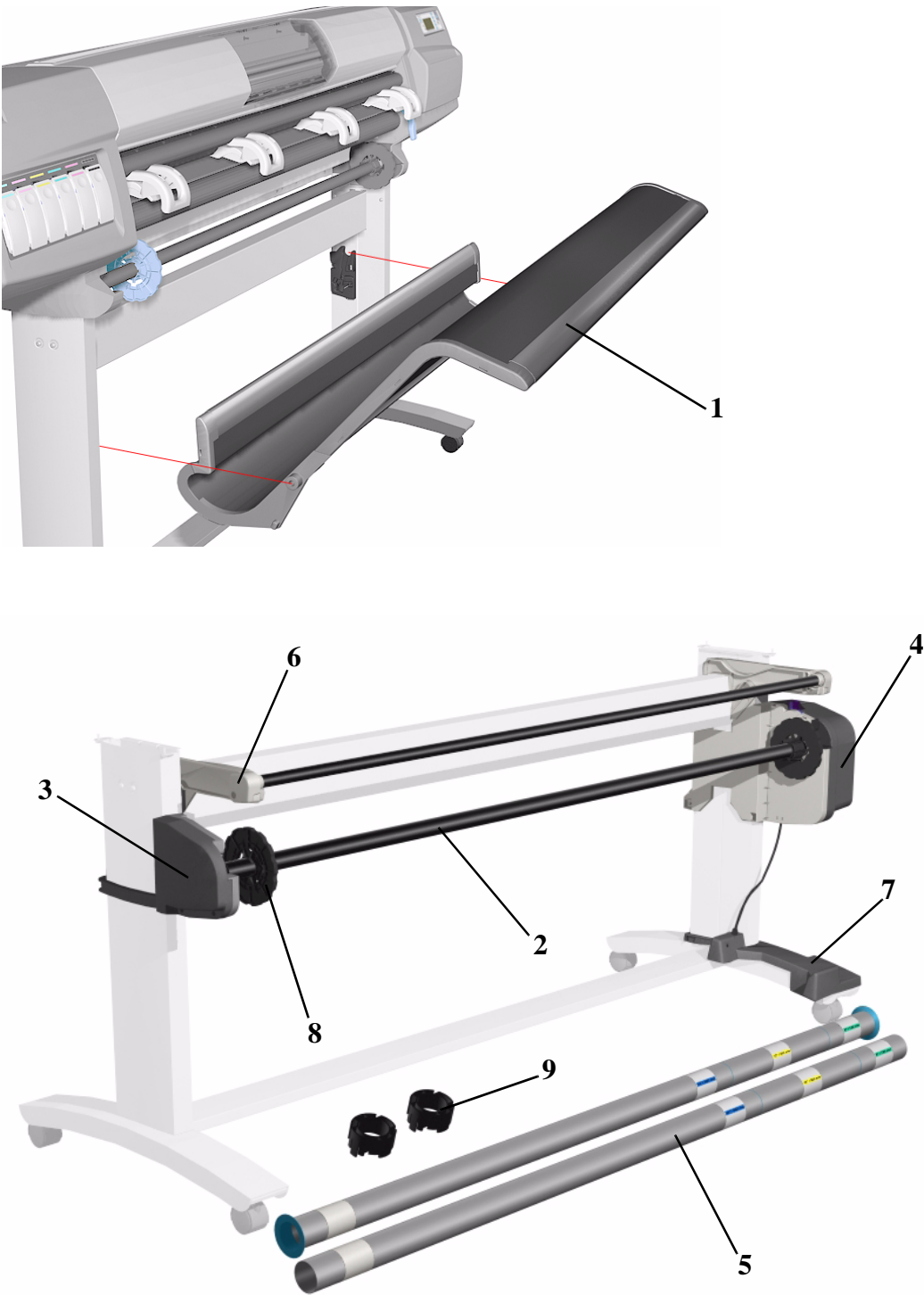
**Figure 4: Bin and Take-Up Reel**

# Right Hand Cover

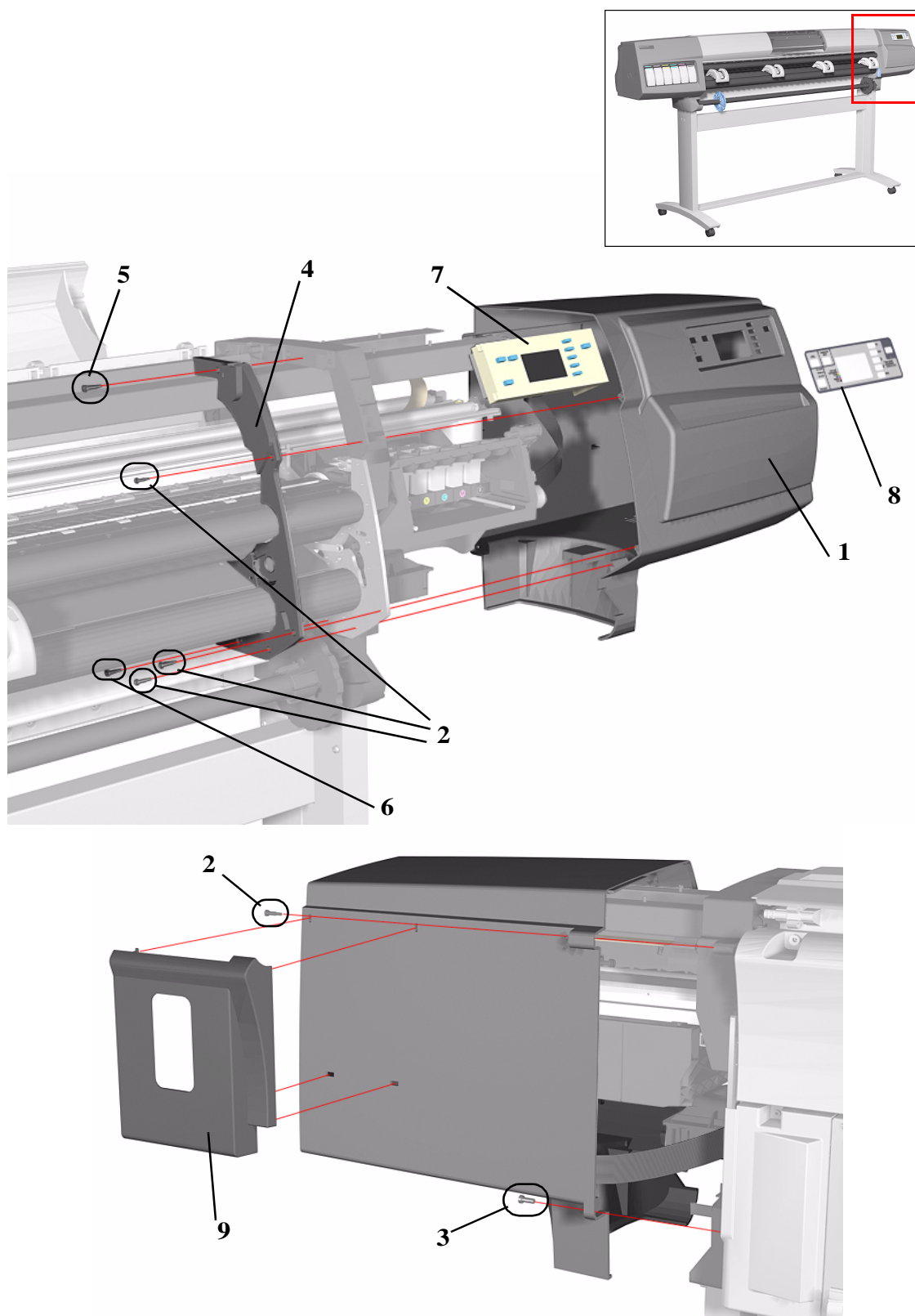| Right Hand Cover | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6090-60038 | 1 | Right Hand Cover (Includes Front Panel Cable) |
| 2 | 0624-0771 | 4 | Screw |
| 3 | 0515-4268 | 1 | Screw |
| 4 | C6090-60043 | 1 | Right Hand Trim (Includes Window and Lever Sensors) |
| 5 | 0624-0771 | 1 | Screw |
| 6 | 0515-2248 | 1 | Screw |
| 7 | C6090-60111 | 1 | Front Panel Assembly (Includes Front Panel Cable) |
| 8 | C6060-60061 | 1 | Overlay (English) |
| 9 | C6095-40065 | 1 | Quick Reference Guide Holder |

**Figure 5: Right Hand Cover**

# Left Hand Cover and Rear Door

| Left Hand Cover and Rear Door | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6090-60039 | 1 | Left Hand Cover (includes door) |
| 2 | 0624-0771 | 4 | Screw |
| 3 | 0515-4268 | 1 | Screw |
| 4 | C6090-60042 | 1 | Left Hand Trim |
| 5 | 0624-0771 | 1 | Screw |
| 6 | 0515-2248 | 1 | Screw |
| | C6090-60040 | 1 | Rear Door |
| 7 | C6096-00049 | 1 | Nameplate PS (HP DesignJet 5000PS) |
| | C6095-00116 | 1 | Nameplate RTL (HP DesignJet 5000) |
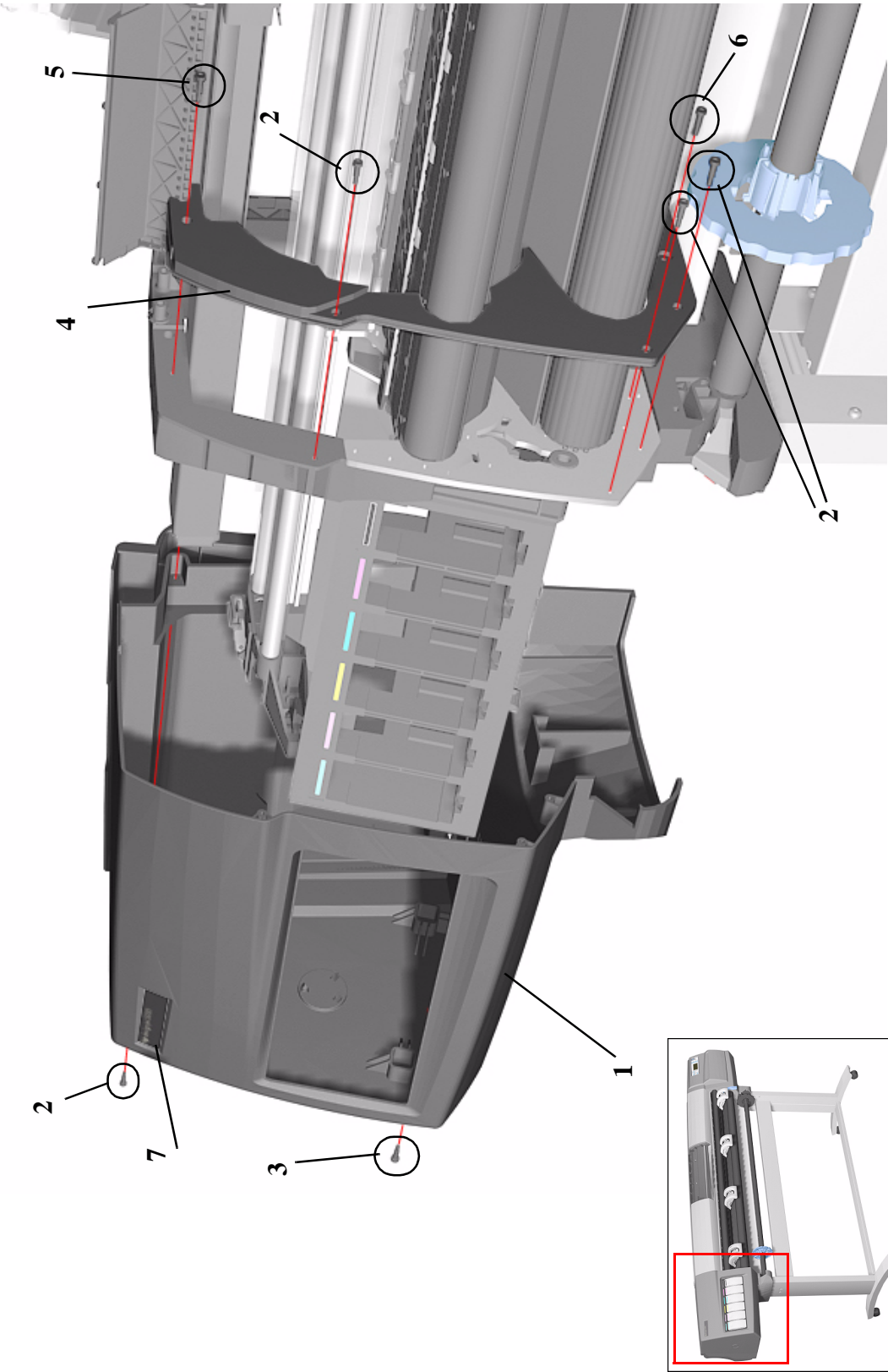
**Figure 6: Left Hand Cover and Rear Door**

# Top and Back Covers

| Top and Back Covers | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| | | **60"**      **42"** | |
| 1 | C6095-60147 | 1 | Top Cover (60" Model) |
| | C6090-60035 |        1 | Top Cover (42" Model) |
| 2 | C6095-60141 | 1 | Back Cover (60" Model) |
| | C6090-60037 |        1 | Back Cover (42" Model) |
| 3 | 0515-0382 | 8       6 | Screw |
| 4 | C6071-20026 | 3       3 | Screw |
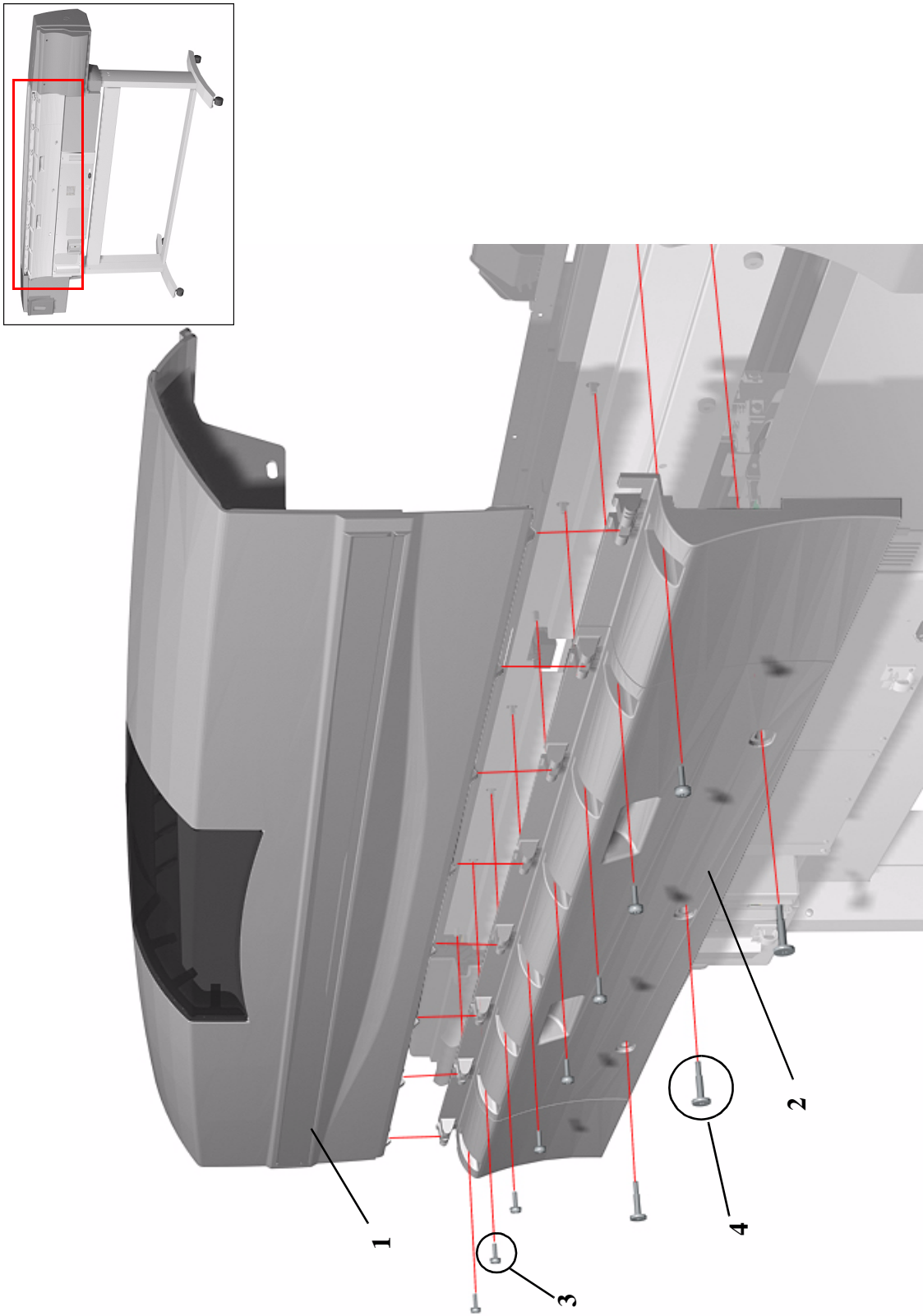
**Figure 7: Top and Back Covers**

# Service Station

| Service Station | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6090-60083 | 1 | Service Station Assembly (Includes Drop Detector and Primer Assembly) |
| 2 | 0624-0771 | 2 | Screw |
| 3 | 0515-1743 | 1 | Screw |
| 4 | C6072-60179 | 1 | Drop Detector Assembly (Includes Spittoon Foam and screw) |
| 5 | 0624-0771 | 1 | Drop Detector Screw |
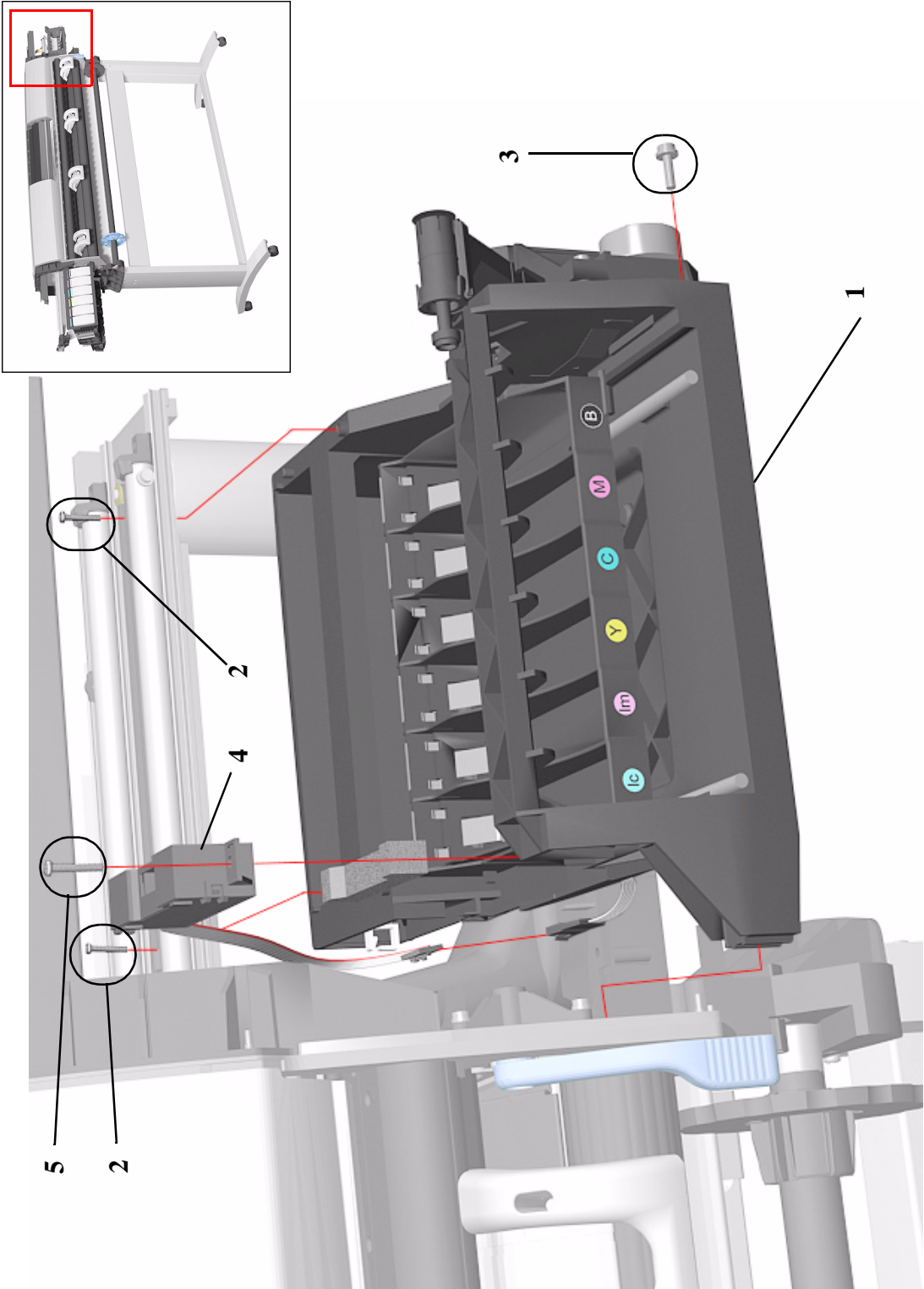
**Figure 8: Service Station**

# Vacuum Fan

| Vacuum Fan | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6090-60095 | 1 | Vacuum Fan |
| 2 | 0515-2248 | 4 | Screw |
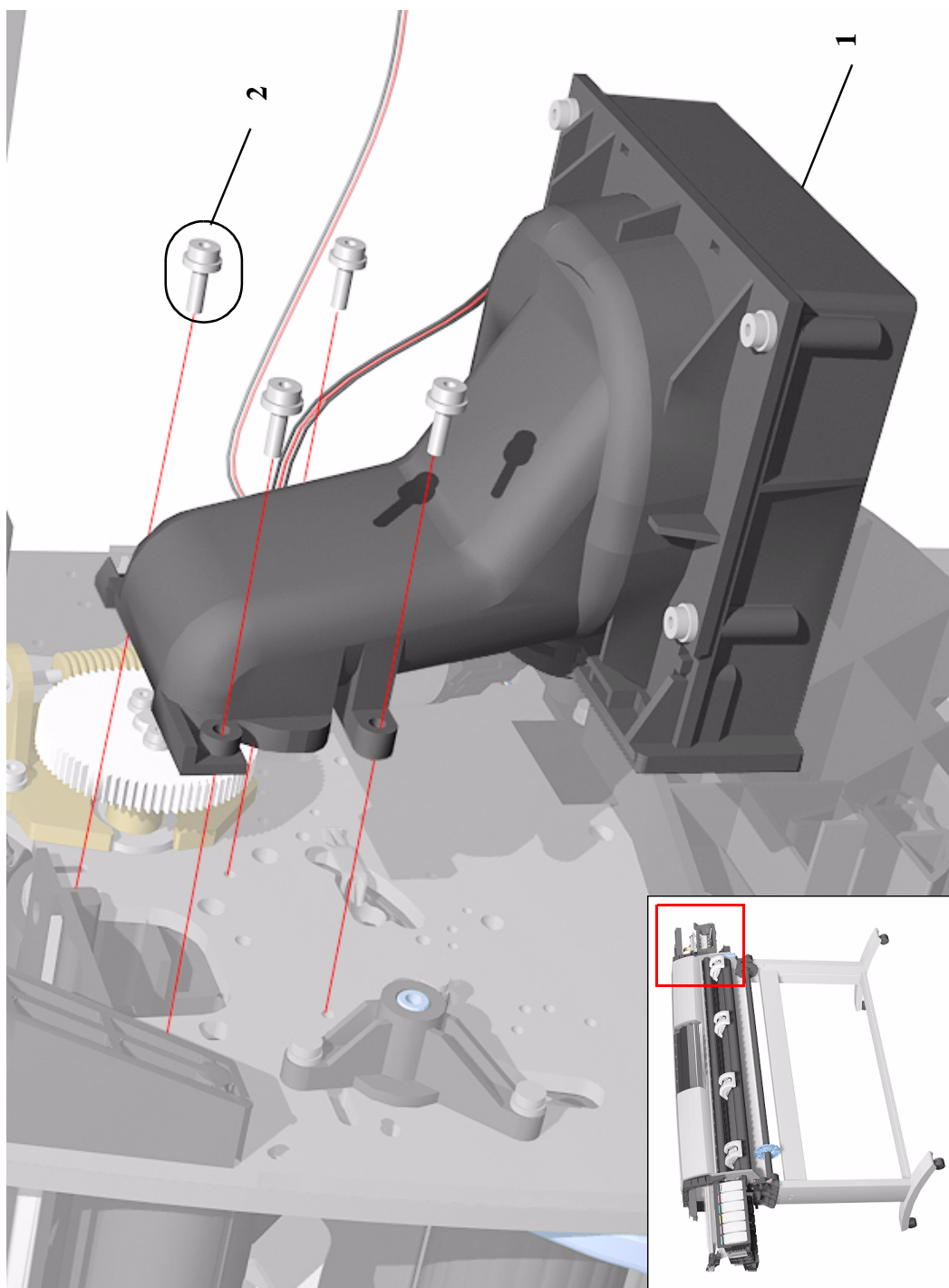
**Figure 9: Vacuum Fan**

# Booster Fan and Media Sensor

| Booster Fan and Media Sensor | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6090-60093 | 1 | Booster Fan |
| 2 | 0515-2248 | 2 | Screw |
| 3 | C6090-60103 | 1 | Media Sensor |
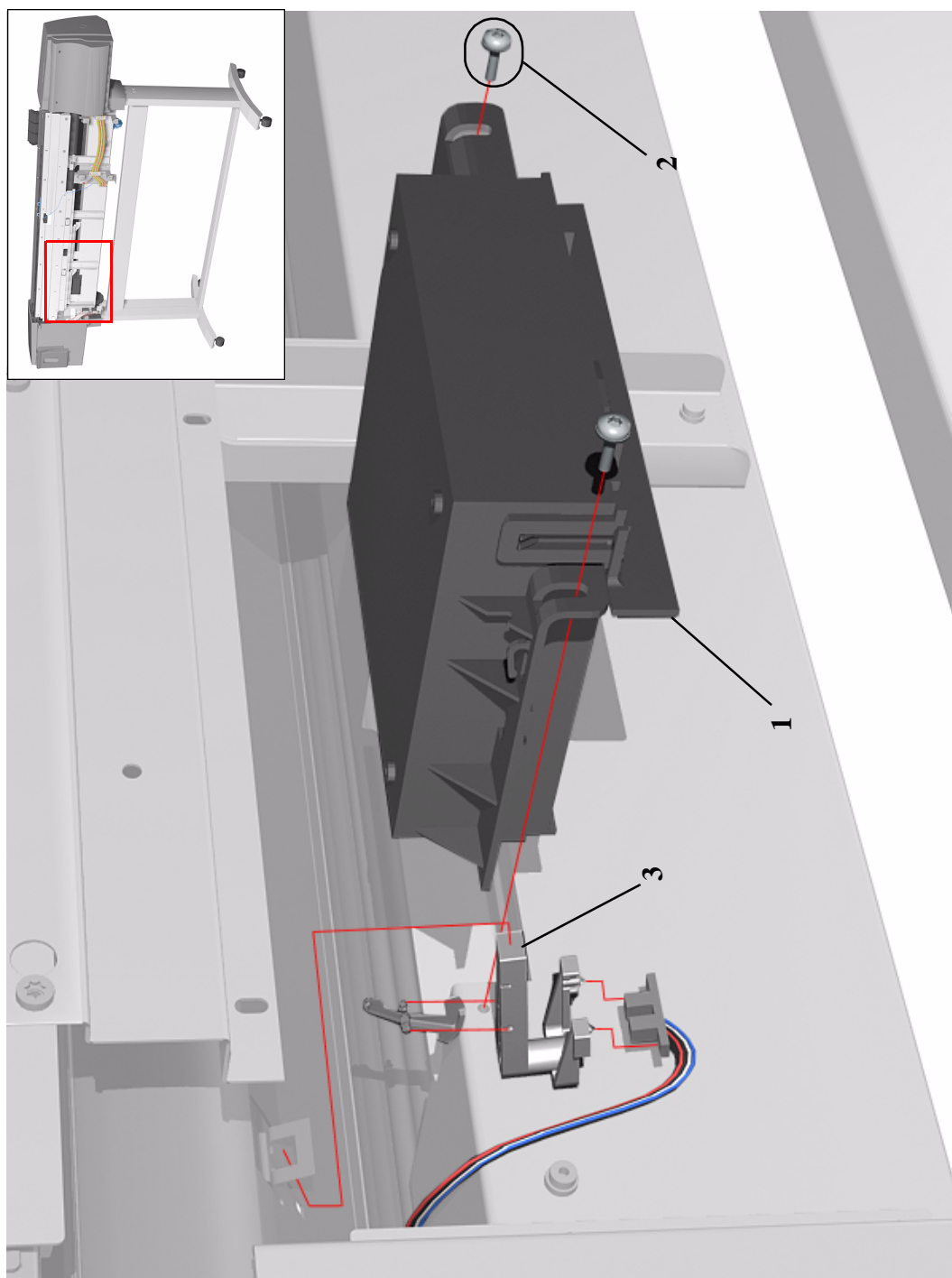
**Figure 10: Booster Fan and Media Sensor**

# Paper-Axis Motor

| Paper-Axis Motor | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6072-60160 | 1 | Paper-Axis Motor Assembly (includes Helical Gear and Grease) |
| 2 | 0515-2248 | 3 | Screw |
| 3 | 0515-1743 | 2 | Screw (Helical gear) |
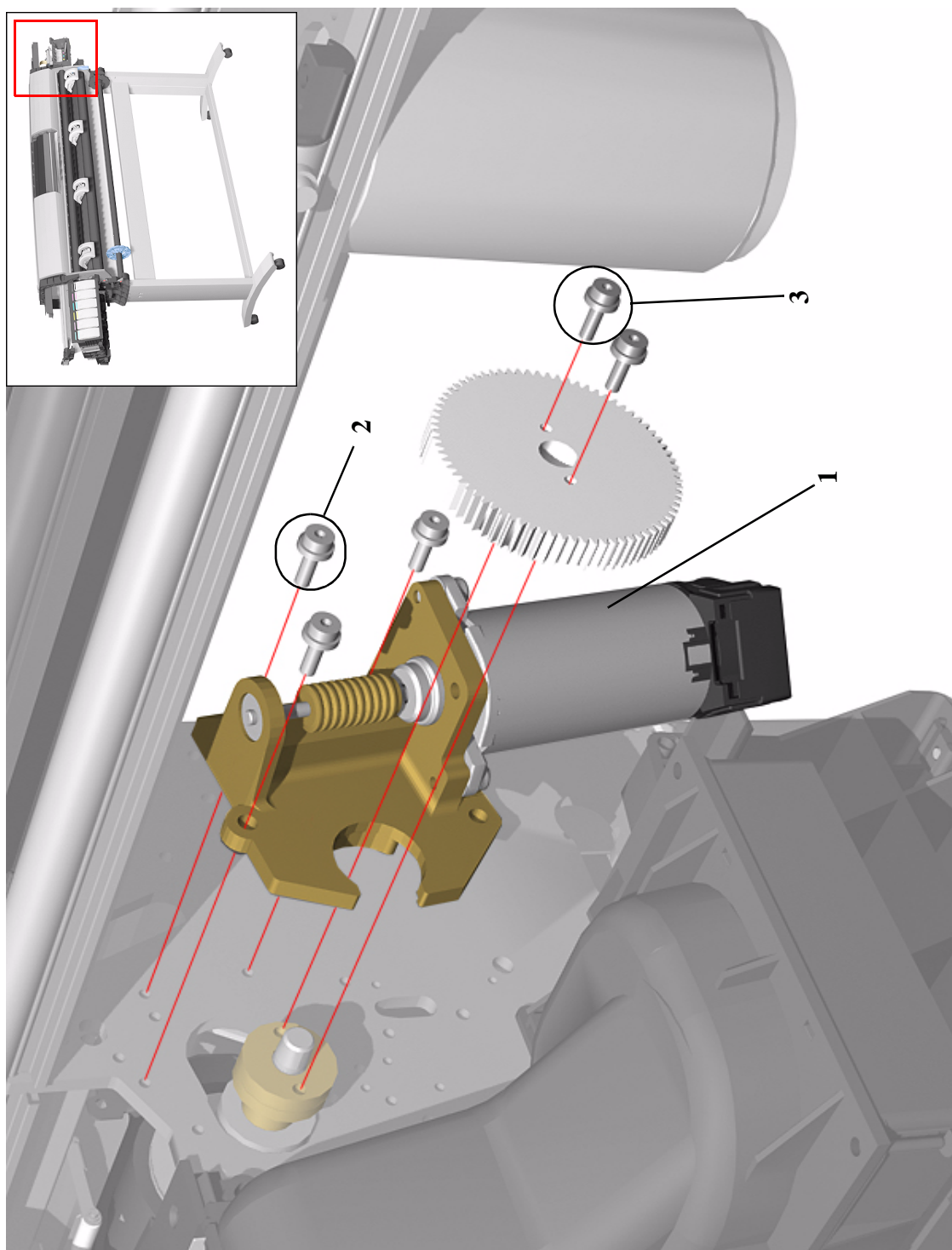
**Figure 11: Paper-Axis Motor**

# Scan-Axis Motor

| Scan-Axis Motor | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6090-60092 | 1 | Scan-Axis Motor Assembly |
| 2 | 0515-0382 | 2 | Screw |
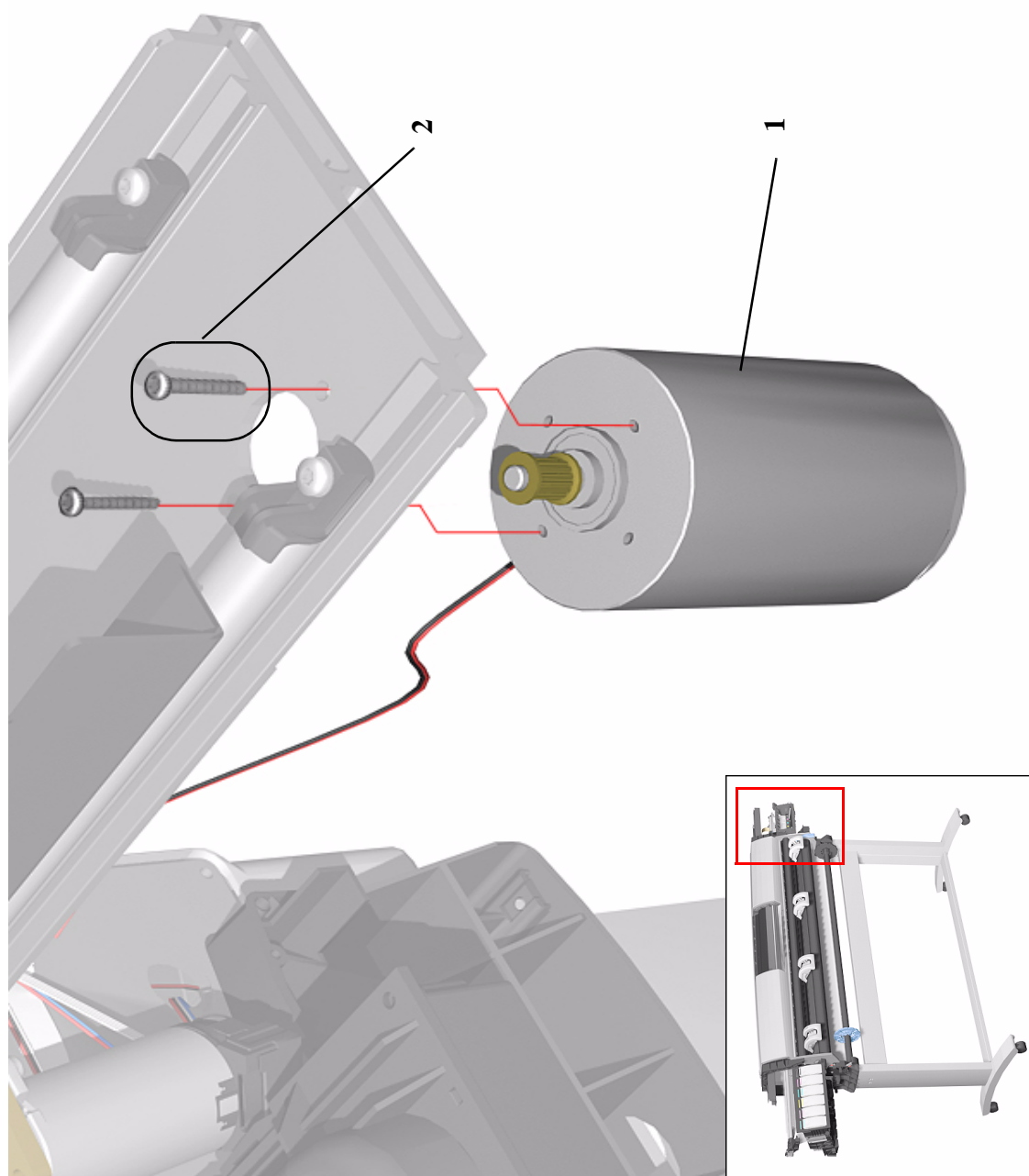
**Figure 12: Scan-Axis Motor**

# ISS and APS Assembly

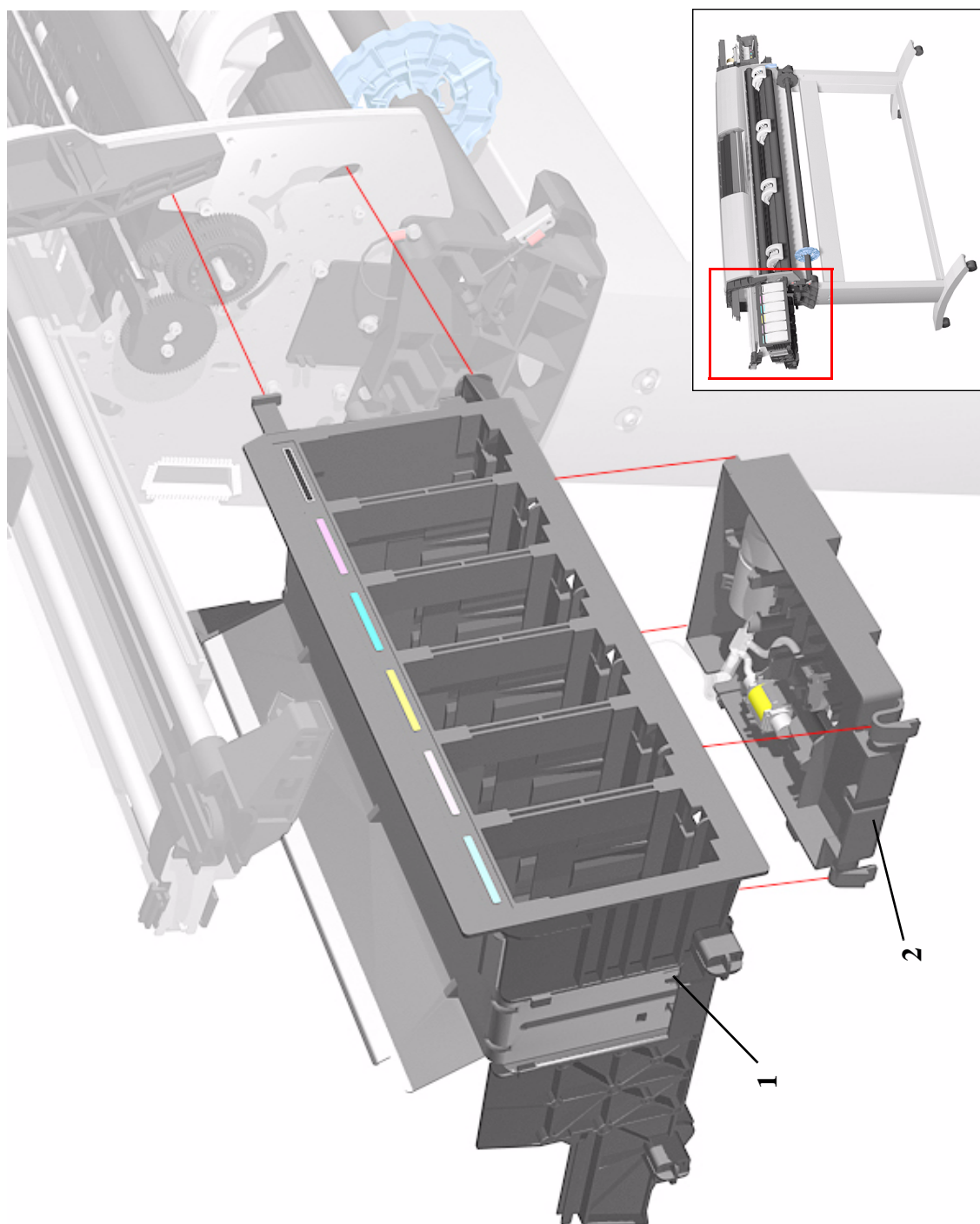| ISS and APS Assembly | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6090-60085 | 1 | Ink Supply Station (ISS) (Includes Grounding Strip) |
| 2 | C6090-60084 | 1 | Air Pressurization System (APS) |

**Figure 13: ISS and APS Assembly**

# Ink Tubes System

| Ink Tubes System | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6095-60186 | 1 | **Dye** Ink Tubes System (**60" Model**) (Includes Setup Printheads, Ink Collector, Carrier Clip and ISS Housing Foam) |
| | C6090-60058 | 1 | **Dye** Ink Tubes System (**42" Model**) (Includes Setup Printheads, Ink Collector, Carrier Clip and ISS Housing Foam) |
| | C6090-60231 | 1 | **UV** Ink Tubes System (**60" Model**) (Includes Setup Printheads, Ink Collector, Carrier Clip and ISS Housing Foam) |
| | C6090-60232 | 1 | **UV** Ink Tubes System (**42" Model**) (Includes Setup Printheads, Ink Collector, Carrier Clip and ISS Housing Foam) |
| - | C6090-60106 | 1 | Setup Printheads (Also included in Ink Tubes System) |
| - | C6090-60235 | 1 | Printhead Storage Container |
| 2 | C60090-60087 | 1 | Ink Leak Detector (Also included with Ink Tubes System) (Includes Ink Collector, Leak Sense Cable and Leak Sense Cable Clip) |
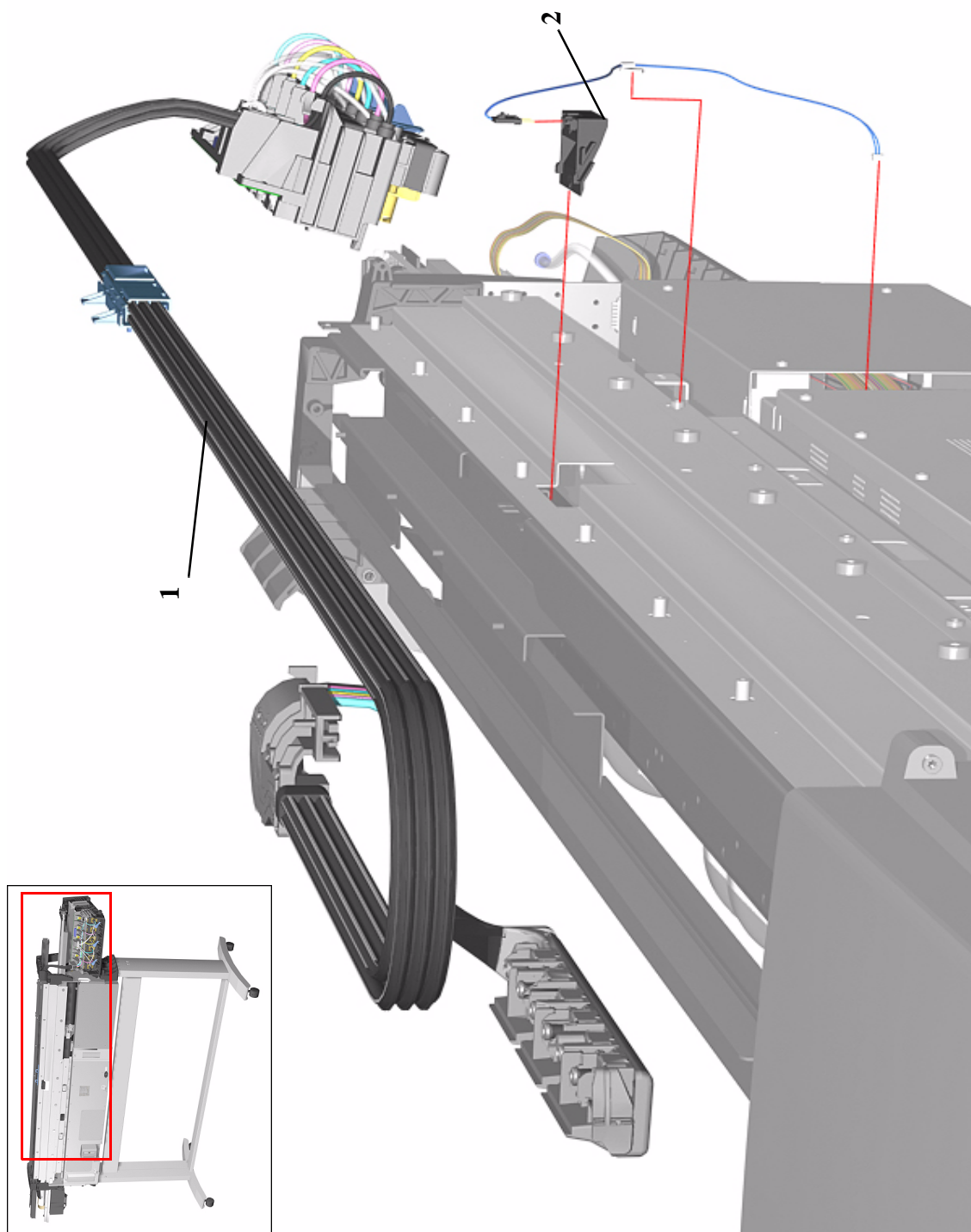
**Figure 14: Ink Tubes System**

# Boot ROM DIMM, DRAM Memory and Covers

| Boot ROM DIMM, DRAM Memory and Covers | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | J3113-61001 | 1 | EIO Card |
| 2 | C6095-00129 | 1 | EIO Card Cover |
| 3 | C6072-60176 | 1 | DIMM Cover |
| 4 | 0515-2246 | 4 | Screw |
| 5 | C6090-60187 | 1 | SDRAM DIMM 64MB |
| | C6090-60185 | 1 | SDRAM DIMM 128MB |
| 6 | C6091-60008 | 1 | PS Boot ROM DIMM A.01.01 |
| | C6090-60027 | 1 | RTL Boot ROM DIMM A.01.01 |
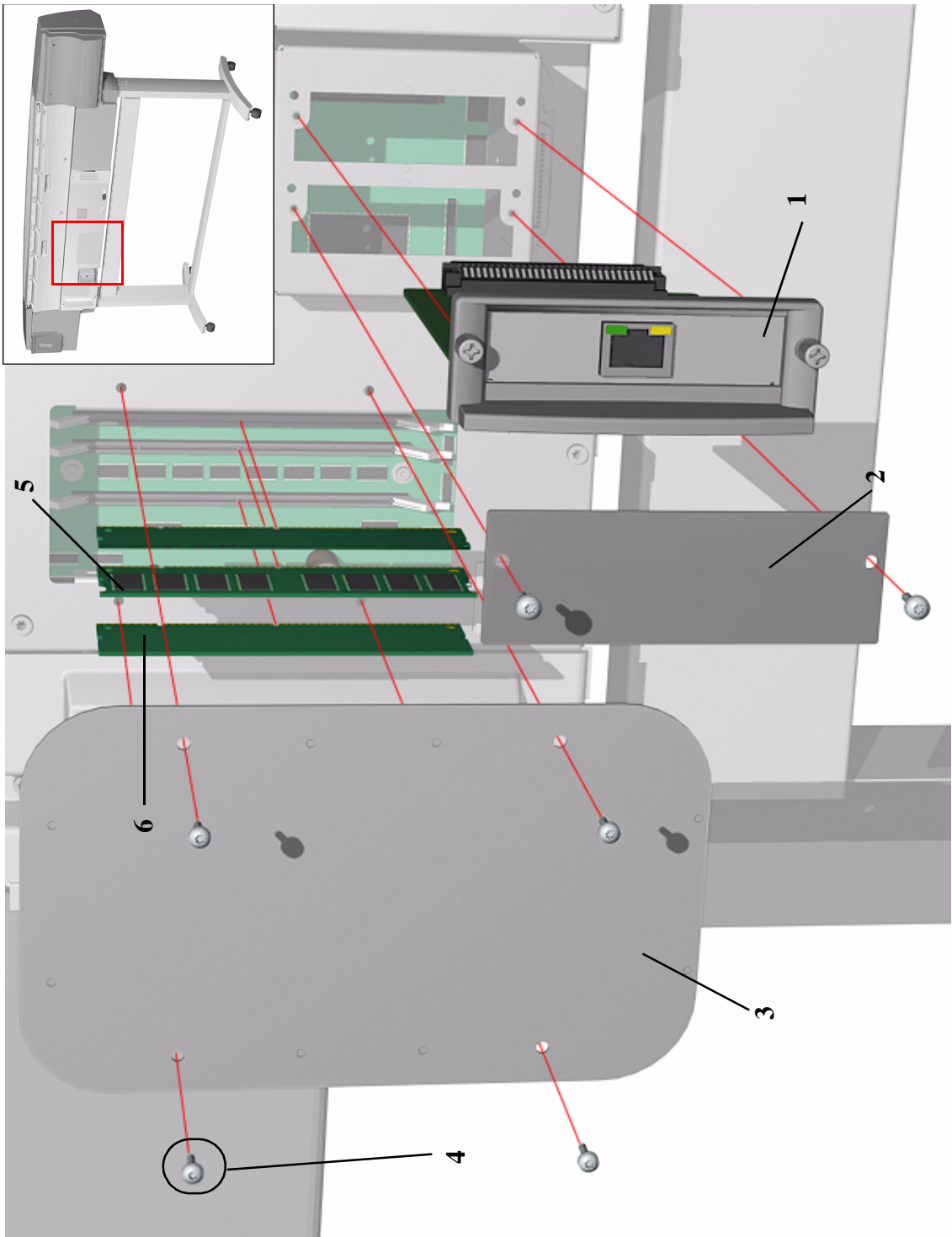
**Figure 15: BootROM, Memory and Covers**

# Rear Electronics Access Covers

| Rear Electronics Access Covers | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6090-60044 | 1 | Right Rear Cover |
| 2 | 0515-0382 | 1 | Screw |
| 3 | C6090-40045 | 1 | Left Rear Cover |
| 4 | 0515-0382 | 1 | Screw |
| 5 | C6095-60140 | 1 | Extension Cover (60" Model only) |
| 6 | 0515-0382 | 4 | Screw |
| 7 | C6090-60032 | 1 | Electronics Module Cover (Includes EIO Cover and Hard Disk Cover) |
| 8 | 0515-0382 | 15 | Electronics Module Cover Screw |
| - | C6090-60109 | 1 | Electronics Cable Retainer |
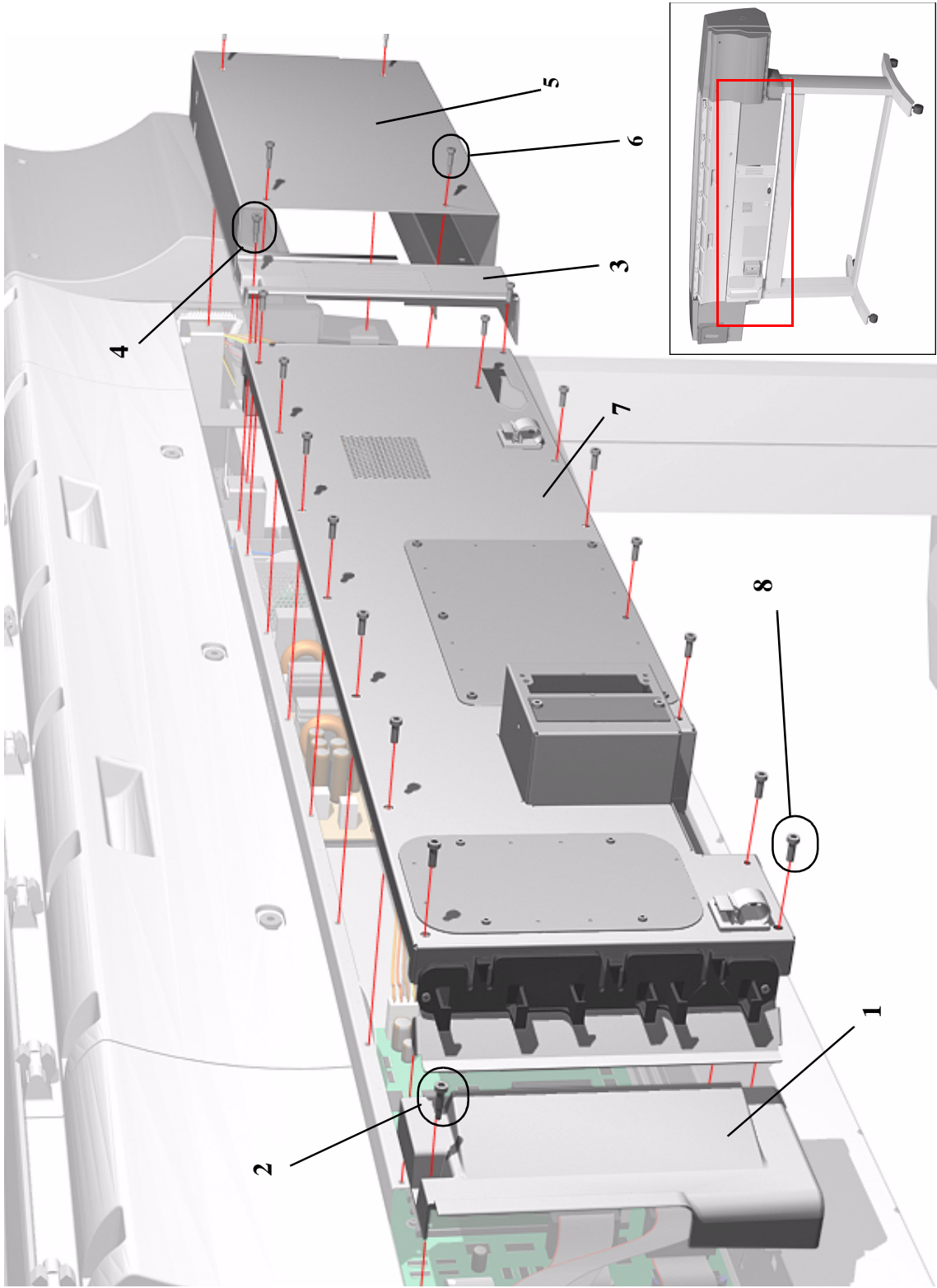
**Figure 16: Rear Electronics Access Covers**

# Hard Disk Drive and Cover

| Hard Disk Drive and Cover | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6091-60219 | 1 | Hard Disk Drive PS A.02.04 (includes data cable and PS cable) |
| | C6090-60219 | 1 | Hard Disk Drive RTL A.02.04 (includes data cable and PS cable) |
| 2 | C6095-00031 | 1 | HDD Cover |
| 3 | 0515-0382 | 6 | Screw |
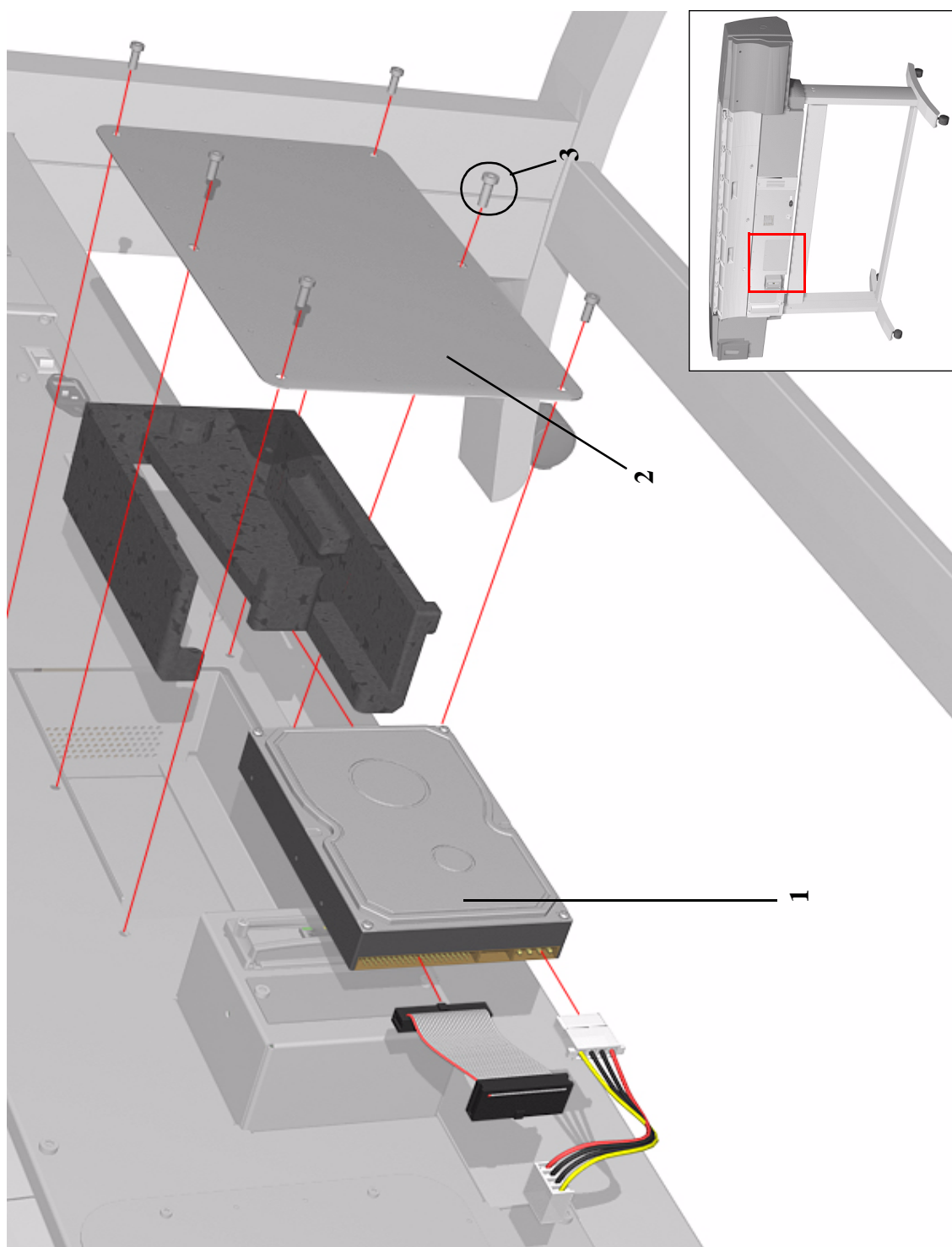
**Figure 17: Hard Disk Drive and Cover**

# ISS PCA and Main PCA

| ISS PCA and Main PCA | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6090-60012 | 1 | Main PCA (Includes HDD Controller and ISS PCA cable) |
| 2 | 0515-2200 | 11 | Screw |
| 3 | C6090-60041 | 1 | ISS PCA (Includes ISS PCA cable) |
| 4 | 0515-2200 | 5 | Screw |
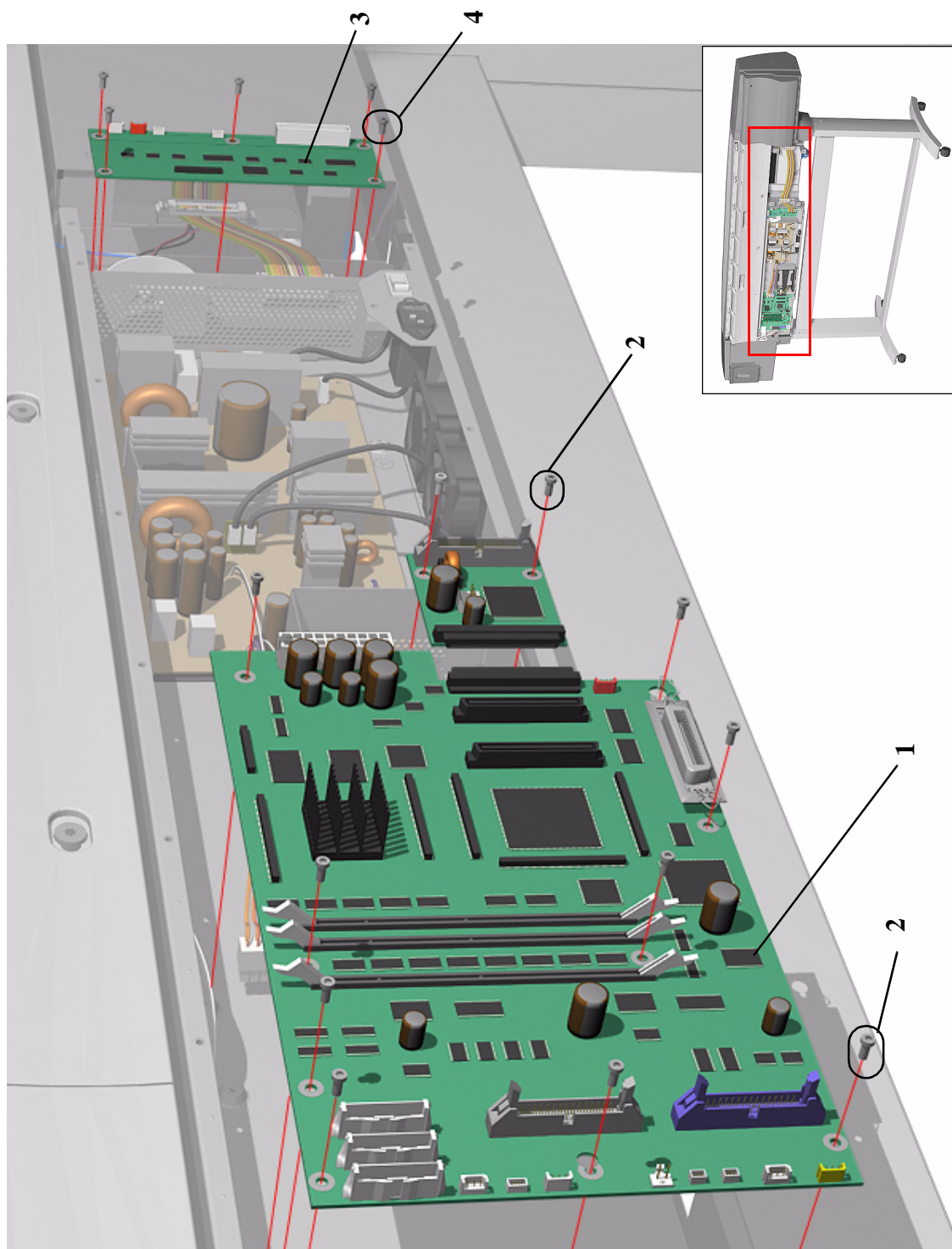
**Figure 18: ISS PCA and Main PCA**

# Power Supply Unit

| Power Supply Unit | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6090-60028 | 1 | Power Supply Unit |
| 2 | 0515-2200 | 7 | Screw |
| 3 | C6090-60029 | 2 | Cooling Fans |
| 4 | 0515-2278 | 4 | Screw |
| 5 | C6090-60033 | 1 | Electronics Module Base (includes Power Supply Unit and cooling fans) |
| 6 | 0515-0382 | 4 | Screw |
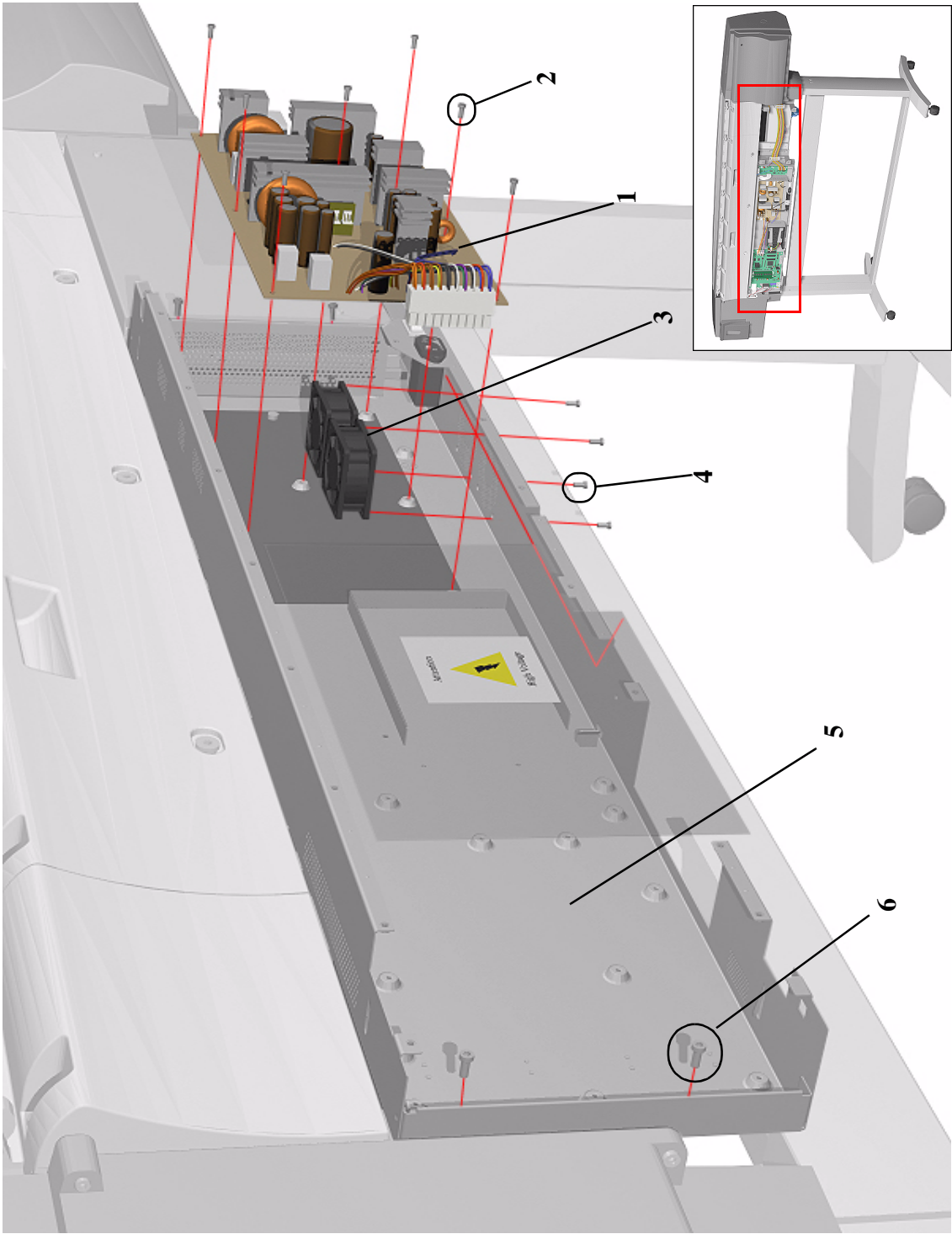
**Figure 19: Power Supply Unit**

# Carriage Assembly

| Carriage Assembly | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6090-60090 | 1 | Carriage Assembly (Includes Carriage Height Tool, Cutter Assembly and Line Sensor) |
| 2 | C6090-60094 | 1 | Cutter Assembly (Includes Screw and Washer) |
| 3 | 0624-0737 | 1 | Screw |
| | 3050-1982 | 1 | Washer for cutter screw |
| 4 | C6095-60184 | 1 | Trailing Cable (60" Model) (Includes Trailing Cable Clip and screws, Cover Cap, Trailing Ferrite) |
| | C6090-60060 | 1 | Trailing Cable (42" Model) (Includes Trailing Cable Clip and screws, Cover Cap, Trailing Ferrite) |
| - | C6090-60108 | | Lens Cover Assembly |
| - | C6072-60008 | 1 | Carriage Height Tool (Also Included with the Carriage Assembly) |
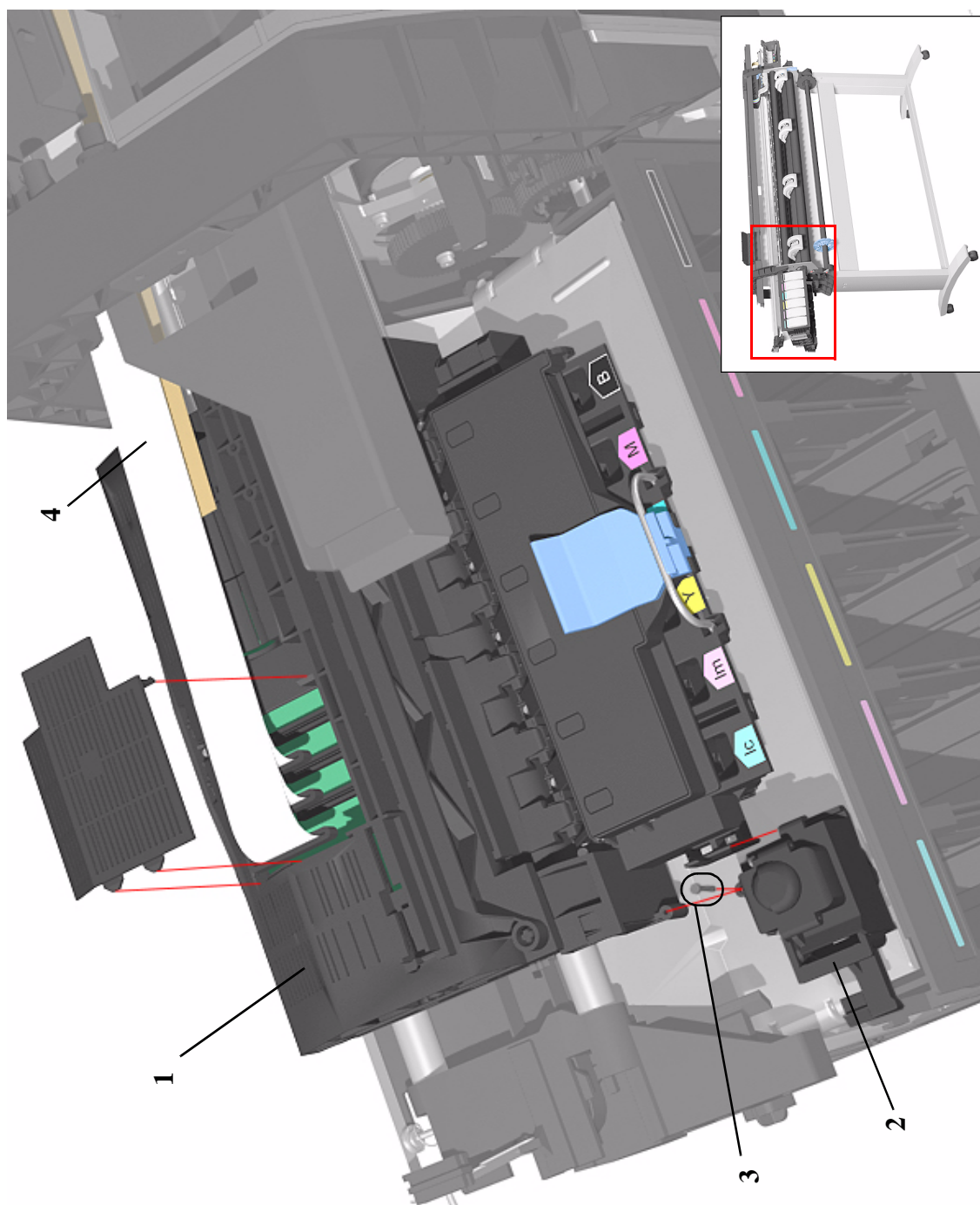
**Figure 20: Carriage Assembly**

# Tensioner Assembly and Encoder Strip

| Tensioner Assembly and Encoder Strip | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6090-60088 | 1 | Tensioner Assembly (Includes Pulley Assembly, Pulley Spring, Wedge and Actuator Arm) |
| 2 | 0515-2248 | 1 | Screw |
| 3 | C6095-60183 | 1 | Belt (60" Model) |
|  | C6090-60072 | 1 | Belt (42" Model) |
| 4 | C6095-60185 | 1 | Encoder Strip (60" Model) |
|  | C6090-60059 | 1 | Encoder Strip (42" Model) |
| 5 | 0535-0031 | 2 | Nut |
| - | 3050-0026 | 2 | Washer |
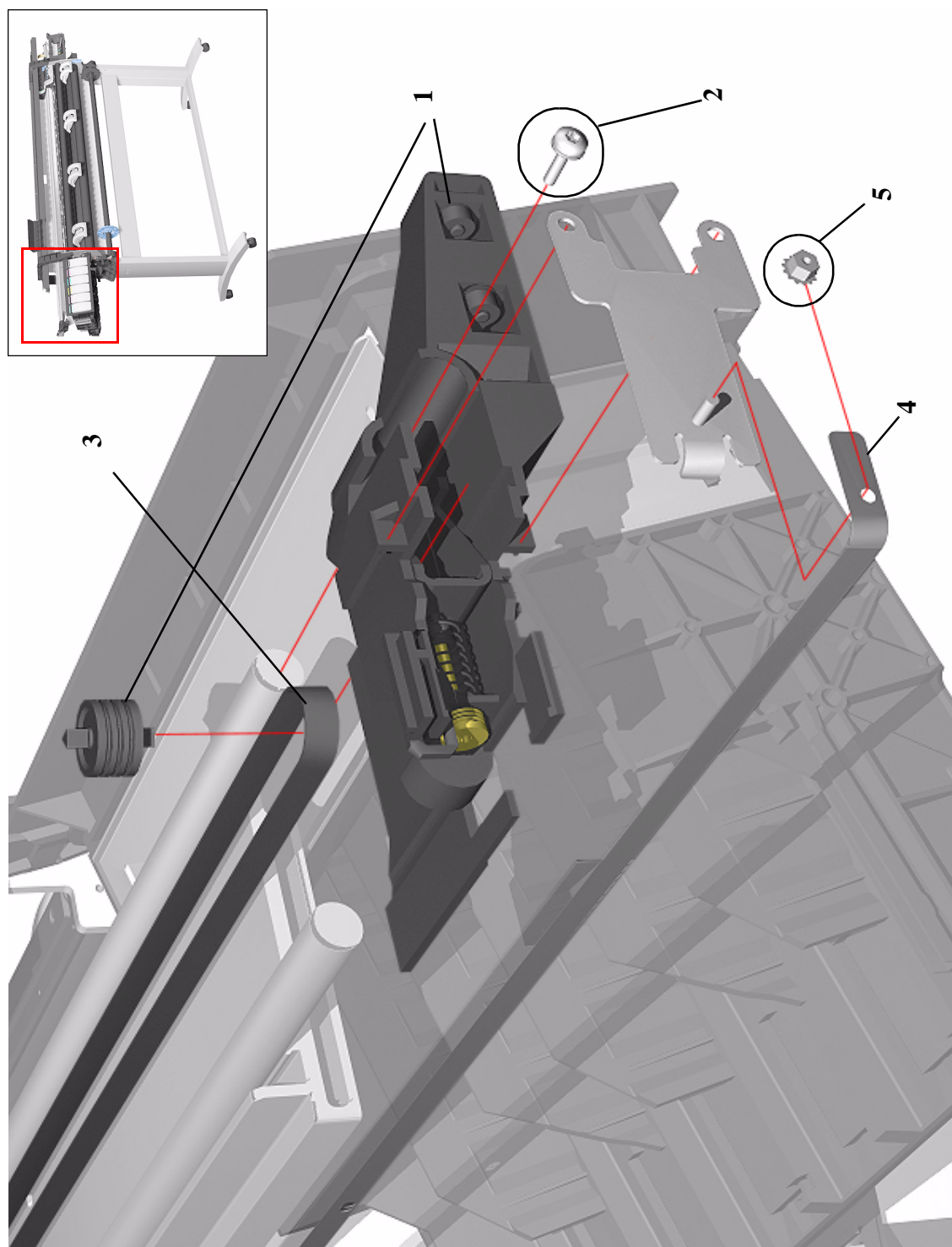
**Figure 21: Tensioner Assembly and Encoder Strip**

# Platen Assemblies

| Platen Assemblies | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6095-60174 | 1 | Front Platen Assembly (including screws) (60" Model) |
| | C6090-60079 | 1 | Front Platen Assembly (including screws) (42" Model) |
| 2 | C6095-60175 | 1 | Center Platen Assembly (including screws and Carriage Height Tool) (60" Model) |
| | C6090-60080 | 1 | Center Platen Assembly (including screws and Carriage Height Tool) (42" Model) |
| 3 | C6090-60096 | 1 | Drive Roller Gear |
| 4 | C6071-20005 | 1 | Screw |

**Figure 22: Platen Assemblies**
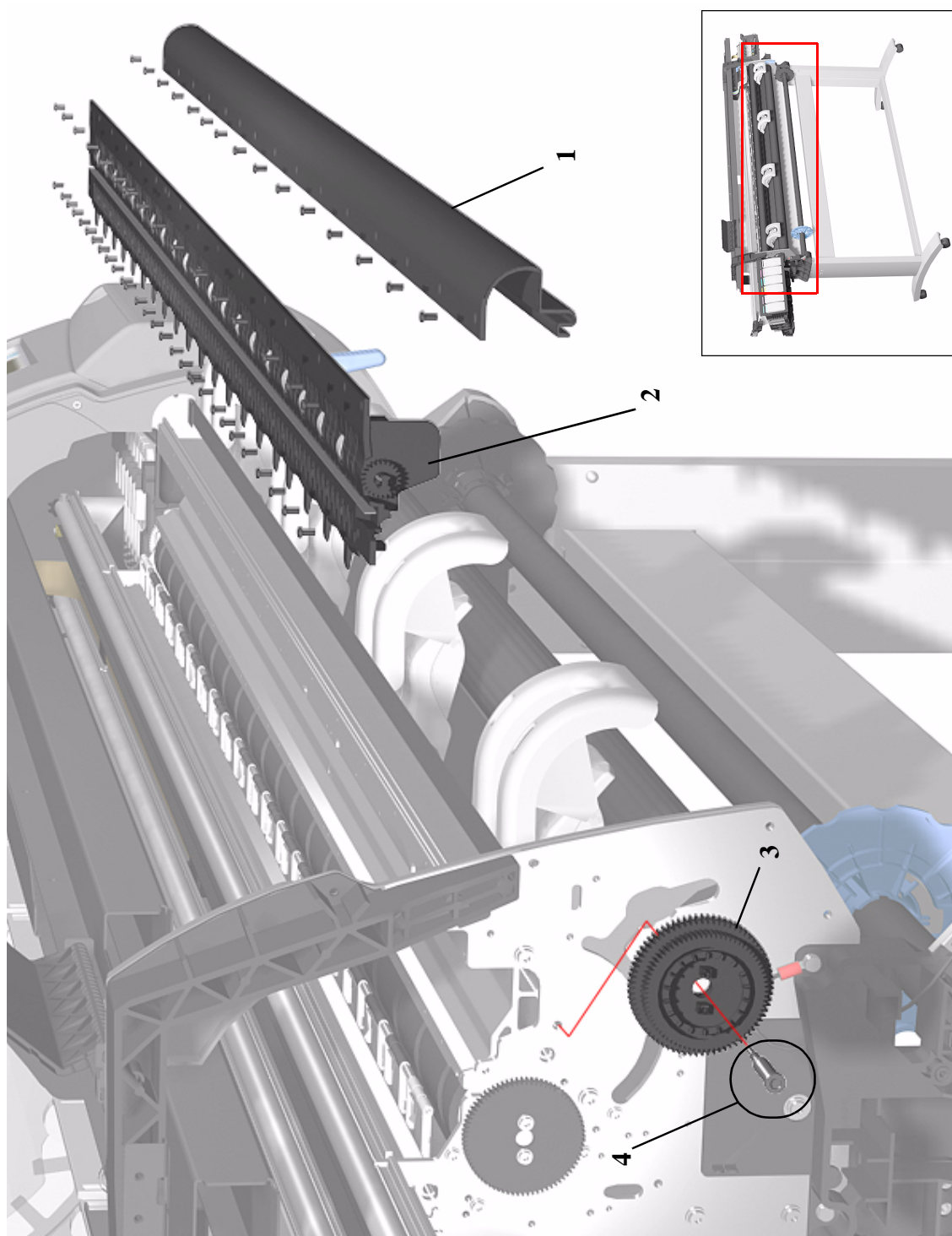
# Pinch-Wheels Assembly and Lever

| Pinch-Wheels Assembly and Lever | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6095-60181 | 1 | Pinch Assembly (60" Model) |
| | C6090-60073 | 1 | Pinch Assembly (42" Model) |
| 2 | C6095-60179 | 1 | Cam Lever Shaft (60" Model) (Includes Cam Linkage, Linkage Screw, Cam Lever Arm and Cam Lever Arm Screw) |
| | C6090-60076 | 1 | Cam Lever Shaft (42" Model) (Includes Cam Linkage, Linkage Screw, Cam Lever Arm and Cam Lev. Arm Screw ) |
| 3 | C6090-60102 | 1 | Lever |
| 4 | 0515-2981 | 1 | Screw (Lever Arm to Cam Linkage) |
| 5 | 0515-2981 | 1 | Screw (Lever to Lever Arm) |
| 6 | C6090-60097 | 1 | Lever Support |
| 7 | 0515-2981 | 3 | Screw |
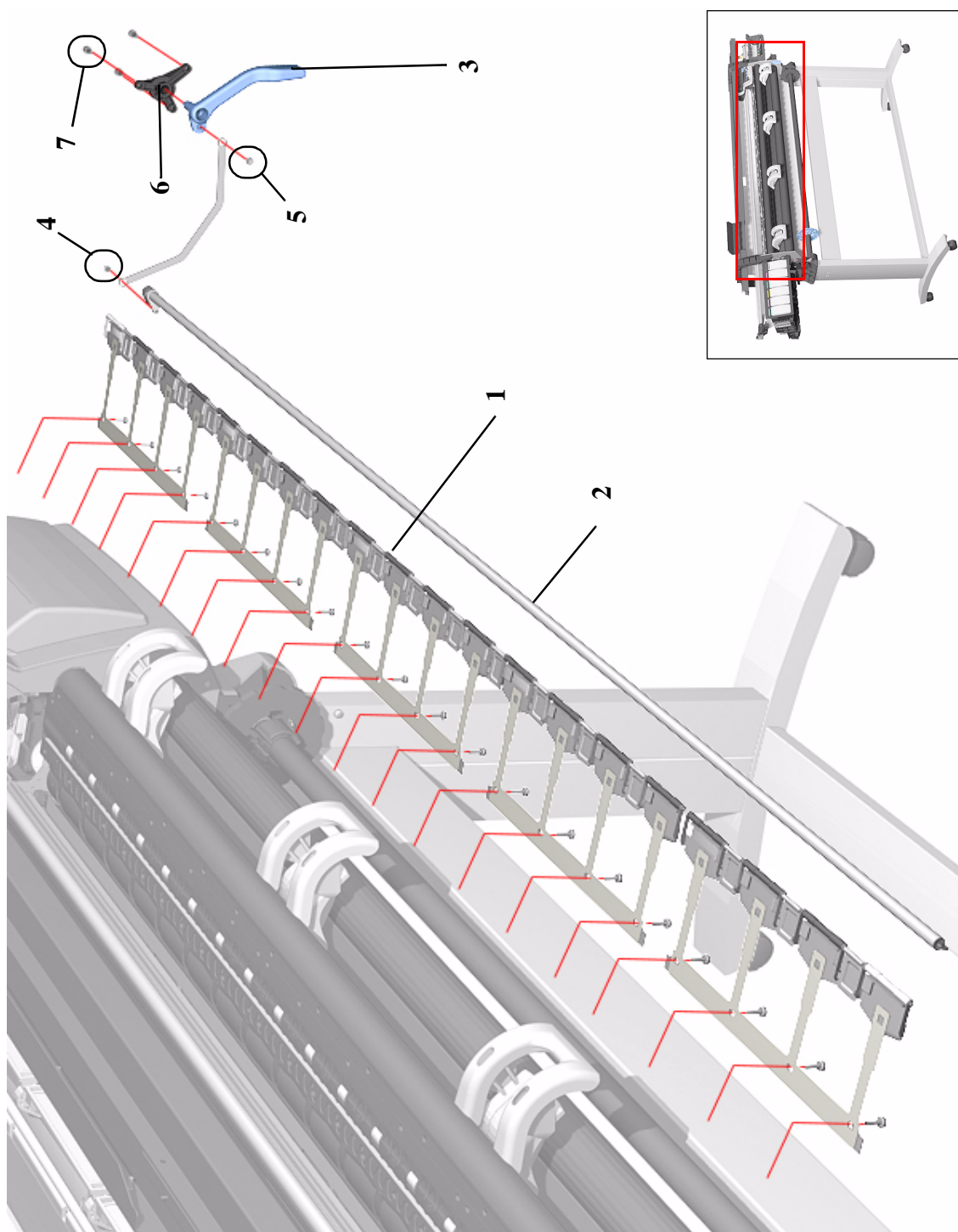
**Figure 23: Pinch-Wheels Assembly and Lever**

# Center Guide, Deflector and Entry Roller

| Center Guide, Deflector and Entry Roller | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6095-60180 | 1 | Center Guide (60" Model) |
| | C6090-60075 | 1 | Center Guide (42" Model) |
| 2 | 0515-2986 | 4 | Screw |
| 3 | C3180-20001 | 2 | Screw |
| 4 | C6090-60104 | 1 | Deflector |
| 5 | 0515-2250 | 1 | Screw |
| 6 | C6095-60178 | 1 | Entry Roller (60" Model) |
| | C6090-60077 | 1 | Entry Roller (42" Model) |
| 7 | 0515-2986 | 2 | Screw |
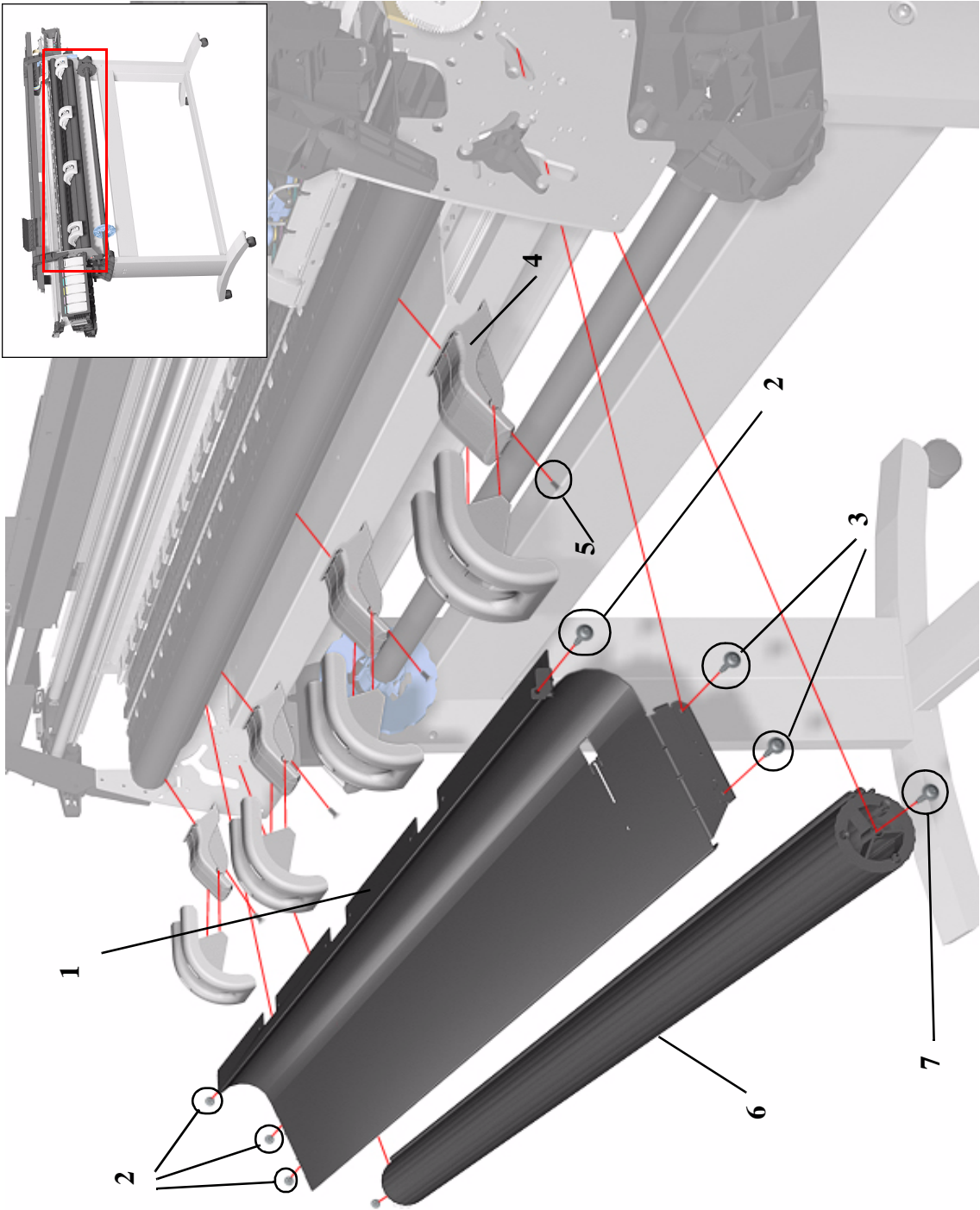
**Figure 24: Center Guide, Deflector and Entry Roller**

# Tubes Guide Assemblies

| **Tubes Guide Assemblies** | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| 1 | C6095-60176 | 1 | Back Tube Guide Assembly (60" Model) (Includes Safety Arm for Top Cover) |
| | C6095-60078 | 1 | Back Tube Guide Assembly (42" Model) (Includes Safety Arm for Top Cover) |
| 2 | C6095-60177 | 1 | Front Tube Guide Assembly (60" Model) (Includes Tube Guide Door and spring) |
| | C6090-60181 | 1 | Front Tube Guide Assembly (42" Model) (Includes Tube Guide Door and spring) |
| 3 | 0624-0771 | 8 | Screw |
| 4 | C6090-60110 | 1 | Tube Guide Door (includes spring) |
| 5 | C6072-60193 | 1 | Right Arc Assembly |
| 6 | 0624-0771 | 8 | Screw |
| 7 | C6072-60192 | 1 | Left Arc Assembly |
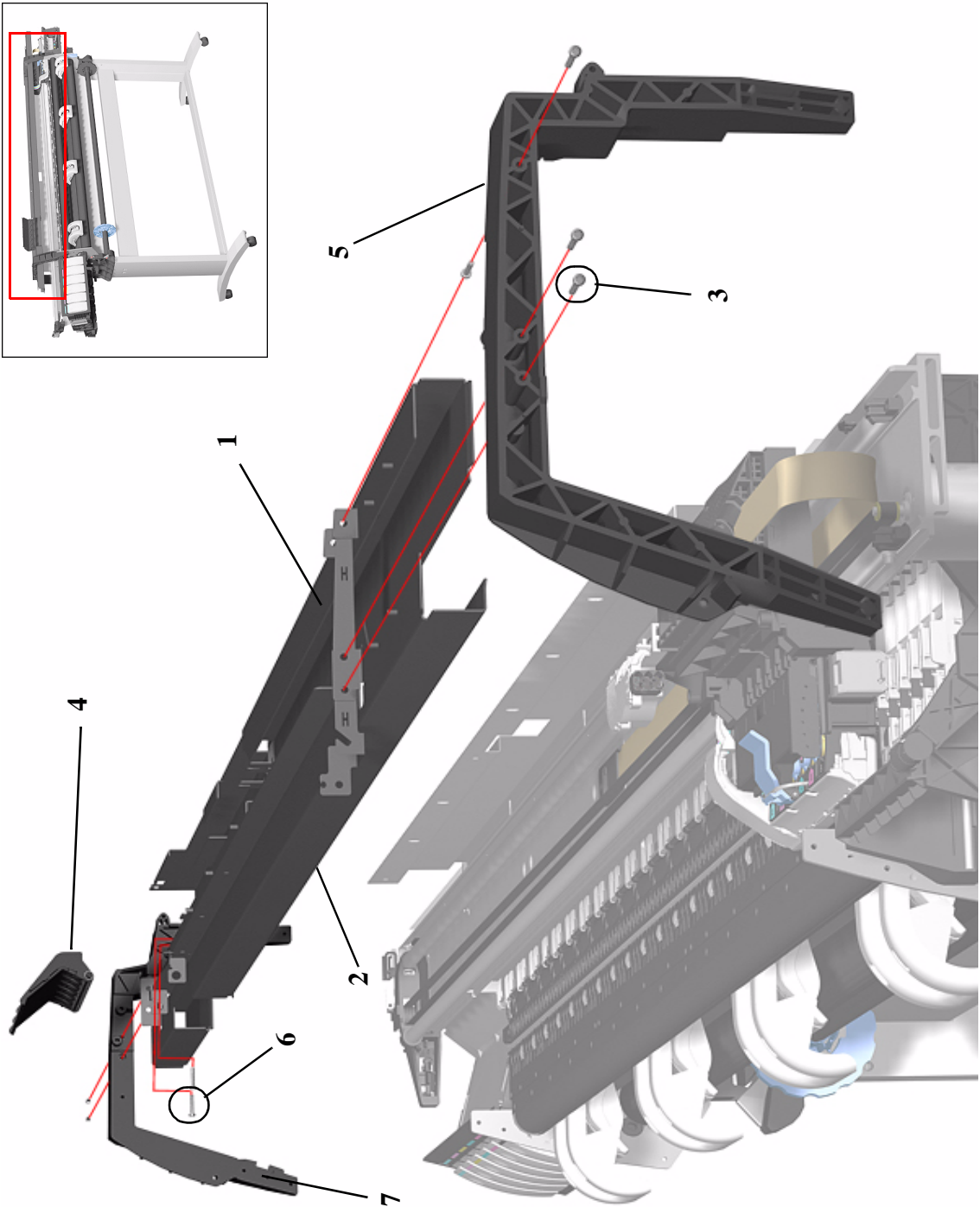
**Figure 25: Tubes Guide Assemblies**

# EMC Covers

| EMC Covers | | | | |
|---|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | | **Description/Comments** |
| | | **60"** | **42"** | |
| 1 | C6095-60190 | 1 | - | EMC Covers (60" Model only) |
| | C6090-60180 | - | 1 | EMC Covers (42" Model only) |
| 2 | 0515-0382 | 9 | 9 | Screw (center to bottom and top) |
| - | C6071-20026 | 8 | 6 | Screw (top to chassis) |
| 3 | 0515-2248 | 4 | 4 | Screw (bottom to chassis) |
| - | C6090-60107 | 1 | 1 | Mount Bracket (includes right, left and center) |
| - | 0515-2248 | 6 | 6 | Screw (for each bracket) |
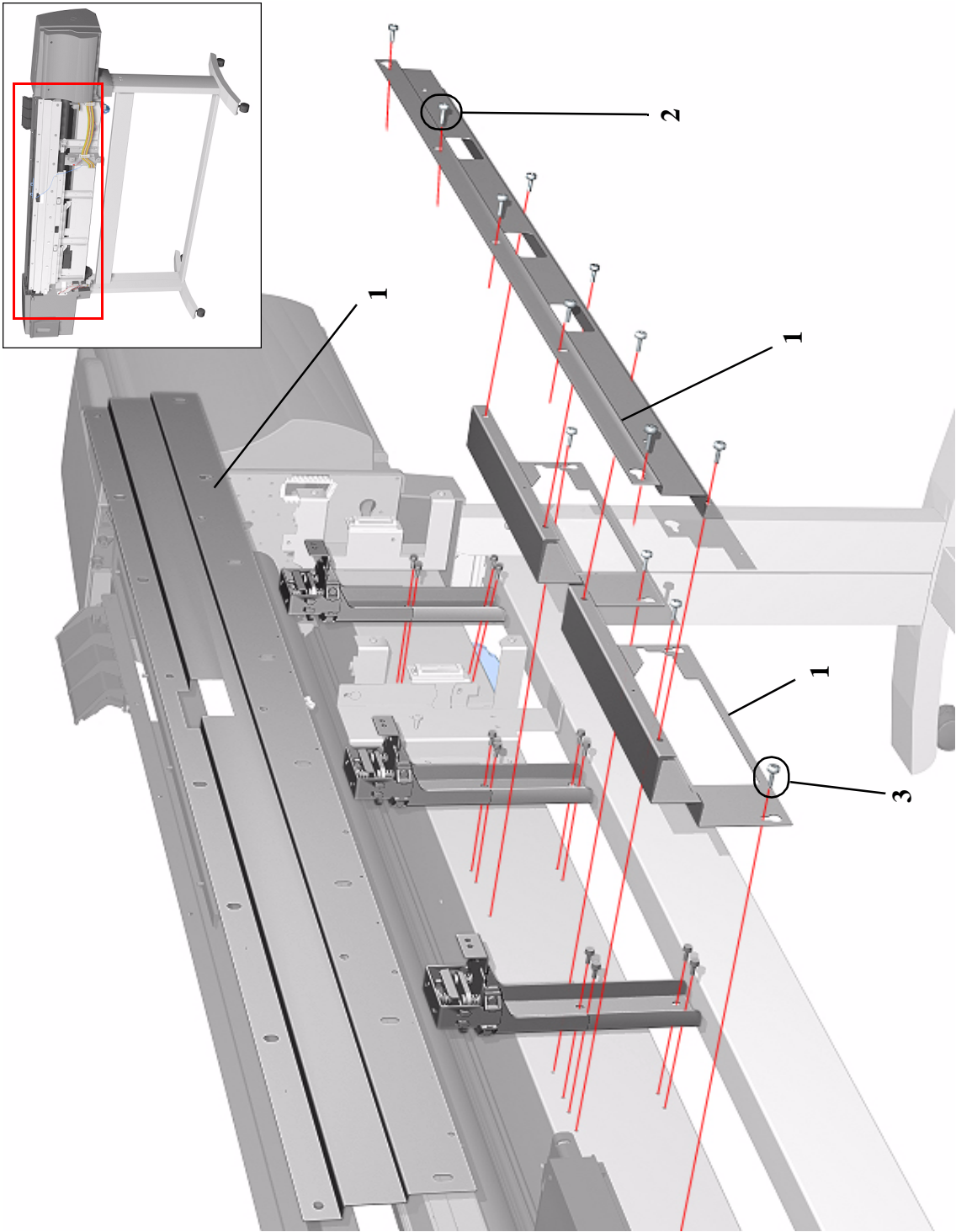
**Figure 26: EMC Covers**

# Spindle and Hub

| Spindle and Hub | | | |
|---|---|---|---|
| Reference on Drawing | HP Part Number | Quantity | Description/Comments |
| 1 | C6095-60182 | 1 | Spindle (60" Model) |
| | C6090-60074 | 1 | Spindle (42" Model) |
| 2 | C6090-60105 | 1 | Blue Hub |
| 3 | C6090-60112 | 2 | 3" Spindle Adaptors |
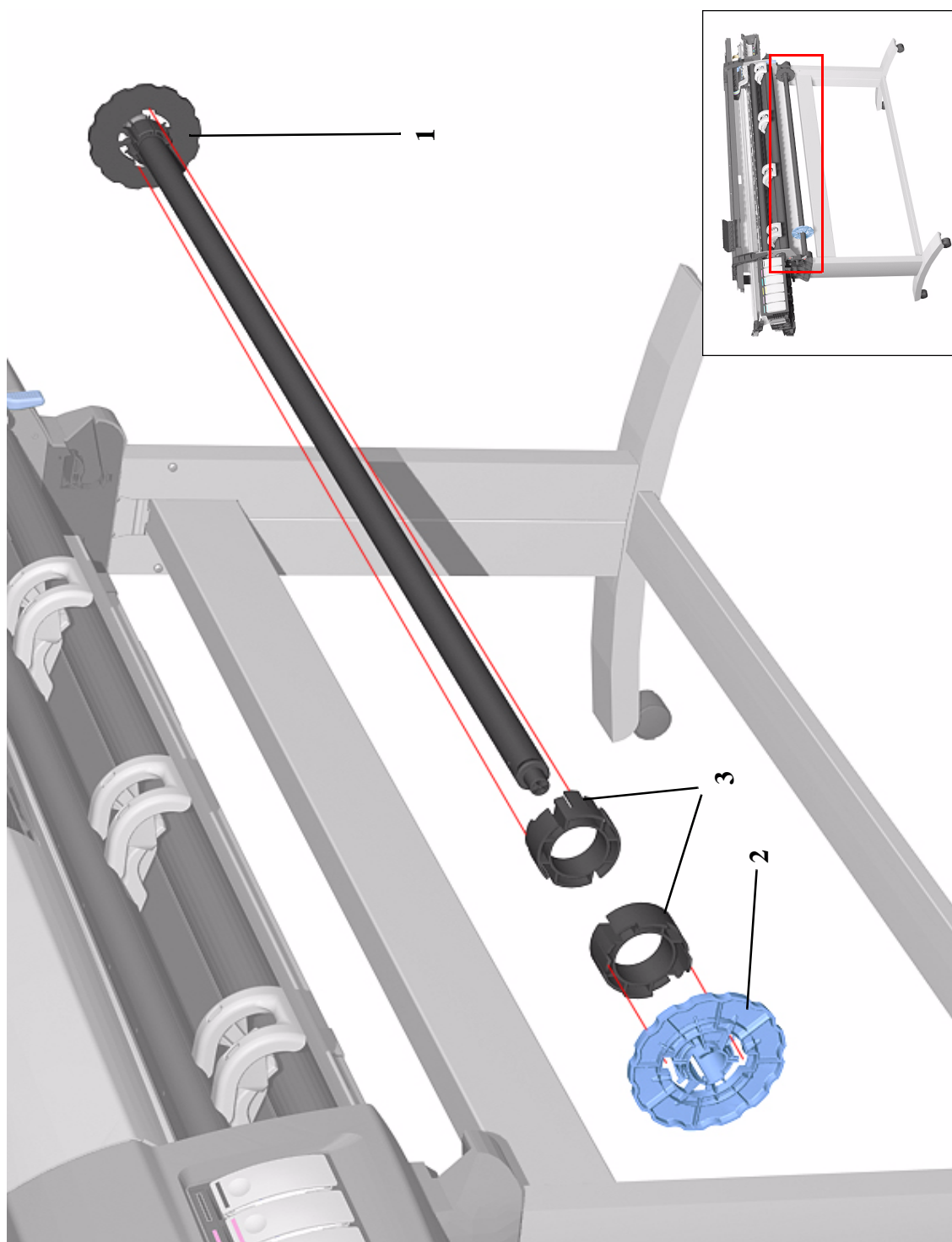
**Figure 27: Spindle and Hub**

# Miscellaneous Items

| Miscellaneous Items | | | |
|---|---|---|---|
| **Reference on Drawing** | **HP Part Number** | **Quantity** | **Description/Comments** |
| - | C6090-60081 | 1 | Service Preventive Maintenance Kit (for both 42" and 60" Models) |
| - | C6095-60173 | 1 | User Maintenance Kit |
| - | C6090-60082 | 1 | Repackaging Kit (42" Model) |
| - | C6095-60172 | 1 | Repackaging Kit (60" Model) |
| - | C6090-60215 | 1 | Firmware Upgrade CD (A.02.04) |

# Media Types

| | **Dye** | **UV** | **24 in.**<br>**610mm** | **36 in.**<br>**914mm** | **42 in.**<br>**1067mm** | **54 in.**<br>**1372mm** | **60 in.**<br>**1524mm** |
|---|---|---|---|---|---|---|---|
| **HP Durable Image Gloss UV** | | ● | | C6794A | | C6795A | C6796A |
| **HP Coated Paper**<br>26 lb. (98g/m2) • 150 ft. (45m) | ● | | C6019B | C6020B | C6559B*<br>C6567B** | C6560B*<br>C6568B** | |
| 26 lb. (98g/m2) • 300 ft. (91m) | ● | | | C6980A | | | |
| **HP Heavyweight Coated Paper** (for 5000, 800 & 500 Series printers)<br>35 lb. (130g/m2) • 100 ft. (30m) | ● | ● | C6029C | C6030C | C6569C | C6570C | C977CC |
| **HP Photo Imaging Gloss**<br>7 mil (178g/m$^2$) • 100 ft. (30m) | ● | | | C6963A | C6964A | | C6965A |
| **HP Photo Imaging Satin**<br>7 mil (178g/m$^2$) • 100 ft. (30m) | ● | | | C6959A | C6960A | | C6961A |
| **HP Paper-Based Semi-Gloss**<br>6 mil (160g/m2) • 100 ft. (30m) | ● | | C6782A | C6783A | | C6785A | |
| **HP Colorlucent Backlit UV**<br>6 mil (200g/m2) • 100 ft. (30m) | | ● | | C6778A | | C6779A | C6780A |
| **HP Studio Canvas**<br>20 mil (368g/m2) • 35 ft. (10m) | ● | ● | | C6771A | | C6773A | |
| **HP Banners with Tyvek®**<br>10 mil (140g/m2) • 50 ft. (15m) | | ● | C6786A | C6787A | | C6789A | |
| **HP Colorfast Adhesive Vinyl**<br>6 mil (328g/m2) • 40 ft. (12m) | ● | ● | | C6775A | | C6777A | |
| **HP Satin Poster Paper**<br>43 lb. Text (162g/m$^2$) • 100 ft. (30m) | ● | | | C7011A | | | |
| **3M® Changeable Opaque Imaging Media**<br>7 mil (178 microns) • 45 ft. (13m) | | ● | | C6760A | | C1882A | |
| **3M® Lustre Overlaminate**<br>2 mil (51 microns) • 75 ft. (23m) | | ● | | C6761A | | C1884A | |
| **3M® Matte Overlaminate**<br>2 mil (51 microns) • 75 ft. (23m) | | ● | | C6762A | | C1886A | |

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