



INSTALLATION INSTRUCTIONS

**KG1SP089-00
BREAKER CIRCUIT PEDAL KIT**

APPROXIMATE INSTALLATION TIME: 28.0 hours

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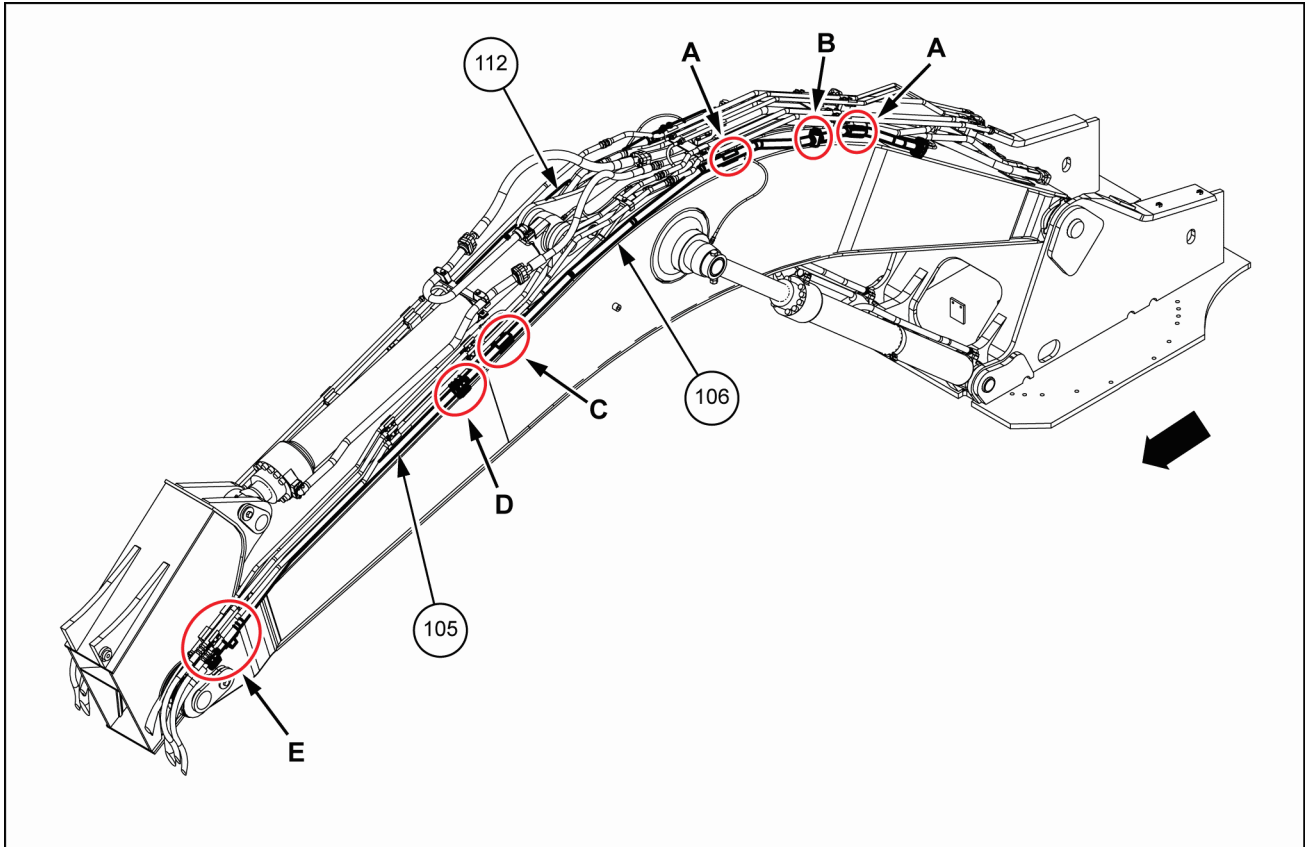
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3 - ASSEMBLY

BREAKER CIRCUIT PEDAL KIT

Boom line installation

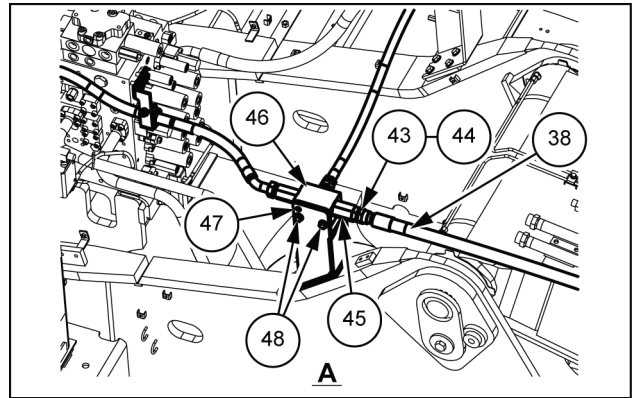


SMIL14II00977FB 1

2. Install the manifold (46) on the bracket (47) with 2 sems bolts (48).

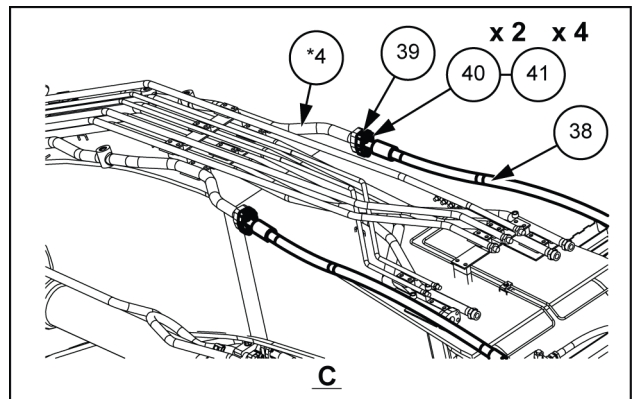
Install the socket (45) on the manifold (46) line assembly (right) (*4) side to connect the hose adapter (44).

Set the O-ring (43) on the hose adapter (44) and connect the hydraulic hose (38).



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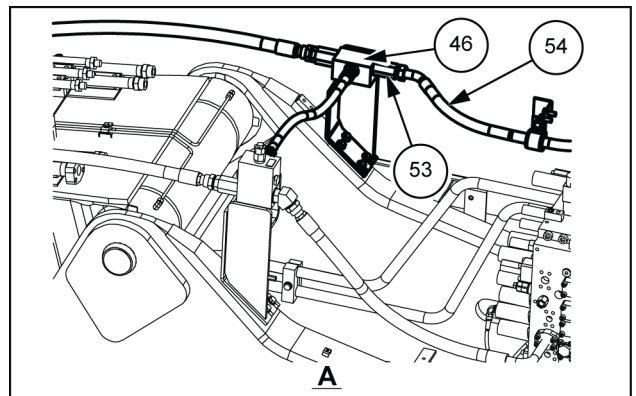
3. Set the O-ring (39) on the hydraulic hose (38), then connect to the line assembly (*4) with 2 split flanges (40) and 4 hexagon socket head bolts (41).



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4. Install the stud (53) on the manifold (46) hydraulic tank (*2) side.

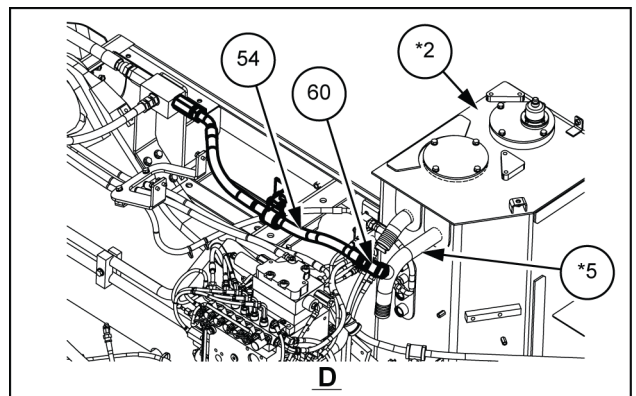
Connect the hydraulic hose (54) to the stud (53).



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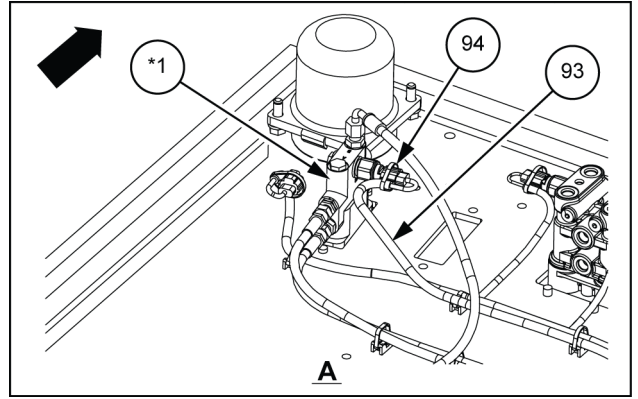
5. Install the elbow (60) on the hydraulic oil tank (*2) hose (*5).

Connect the hydraulic hose (54) to the elbow (60).



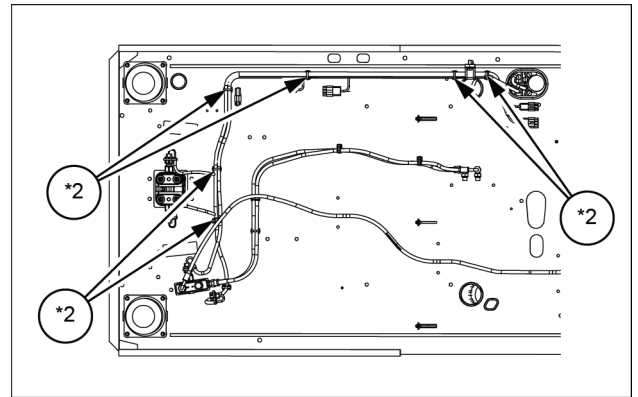
SMIL14II01004AB 11

1. Fasten the wire harness (93) and remote control valve (*1) and fasten with the wire band (94).



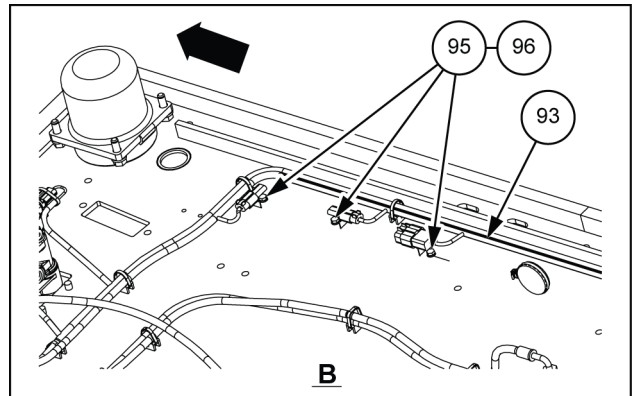
SMIL14II01024AB 3

2. Route the wire harness (93) as shown in the diagram.
Fasten the wire harness (93) at 6 locations with 6 wire bands (*2).



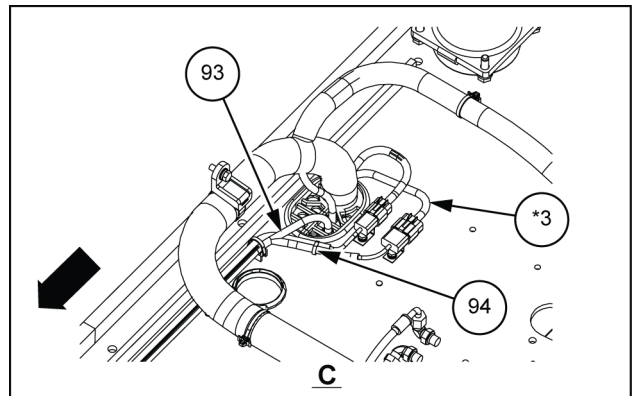
SMIL14II01025AB 4

3. Fasten the 3 couplers on the wire harness (93) with 1 clip (95) each and 1 bolt (96) each.



SMIL14II01026AB 5

4. Connect the wire harness (93) connector (8-pin) to the frame main harness (*3) and fasten with the wire band (94).



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VORBEREITUNG ZUR MONTAGE

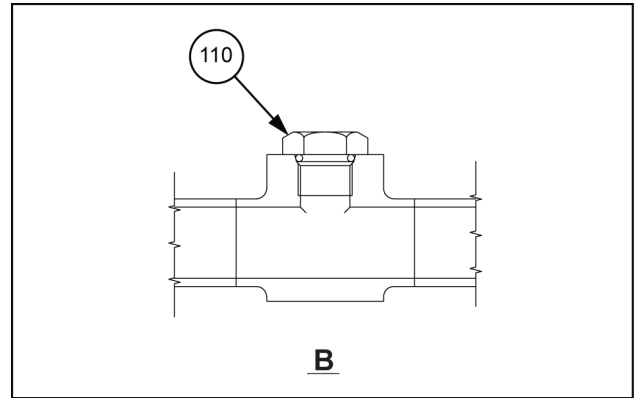
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3 MONTAGE

PEDALSATZ BRECHERKREIS

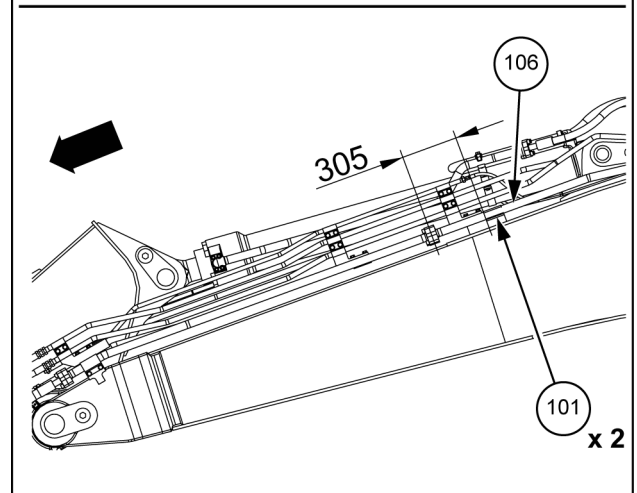
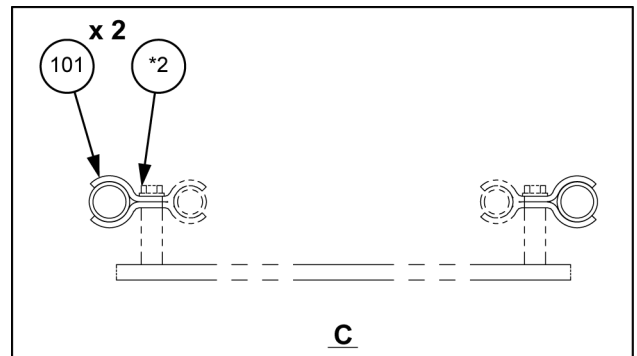
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3. Bringen Sie den Verschluss (110) an der Leitungsbaugruppe (links) (106) an.



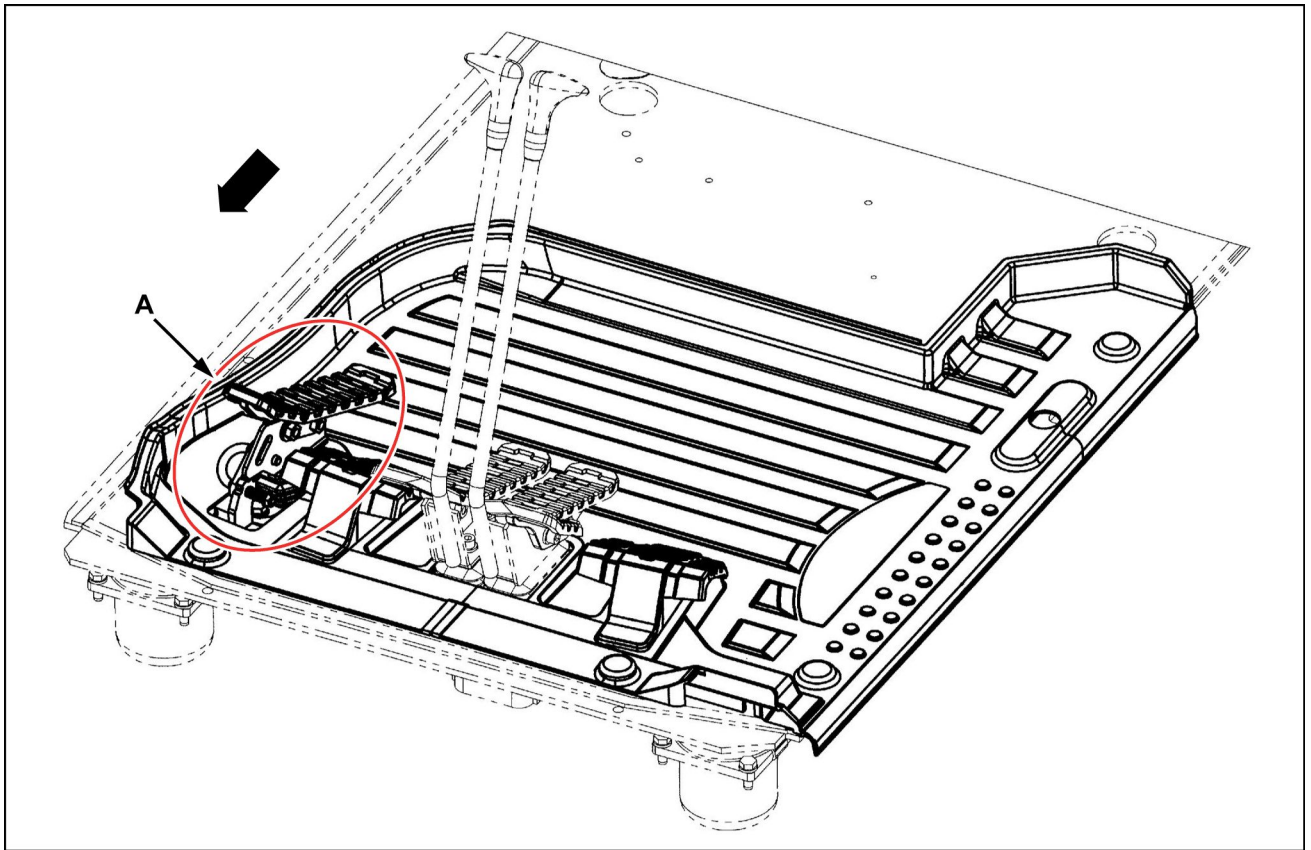
SMIL14II00980AB 4

4. Setzen Sie die Leitungsbaugruppe (links) (106) zwischen 2 Rohrschellen (101), und befestigen Sie sie mit 2 unverlierbaren Schrauben (*2).
- Befestigen Sie die Rohrschelle (101) in einem Abstand von **305 mm (12.01 in)** vom vorderen Ende der Leitungsbaugruppe (links) (106).



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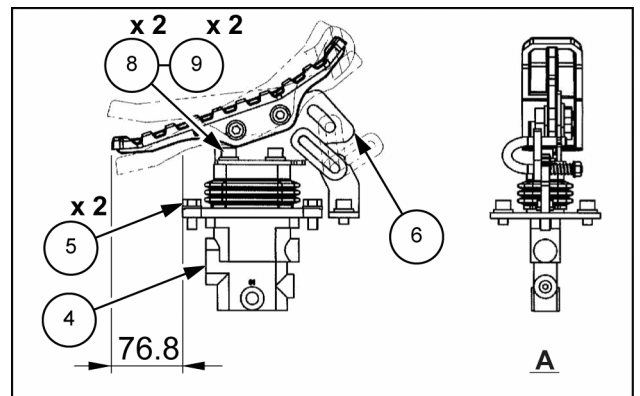
Montage des Betriebsventils (Zusatzsteuerventil)



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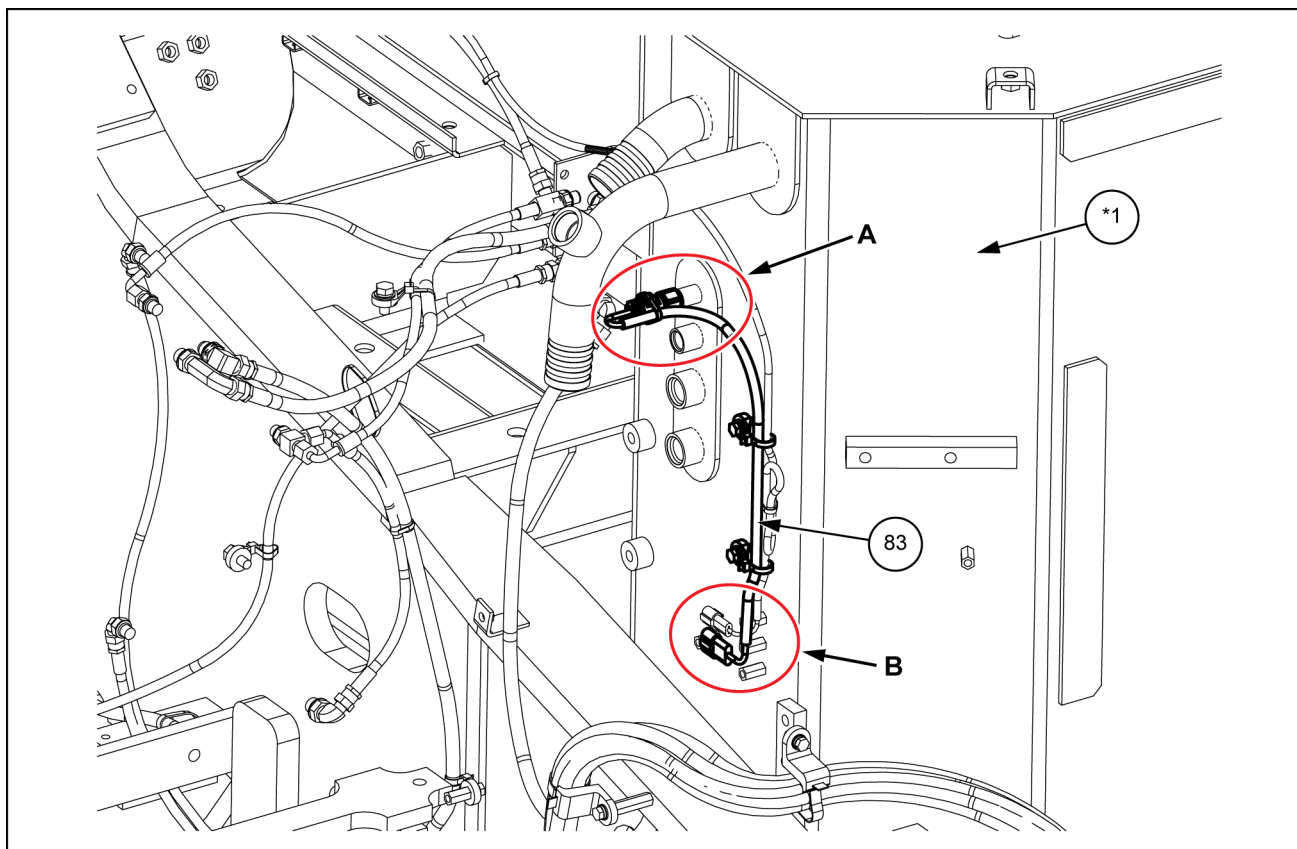
1. Entfernen Sie die Bodenmatte aus der Kabine.
2. Montieren Sie das Zusatzsteuergeräte-Ventil (4) im vorderen rechten Abschnitt des Bodens mit 2 Schrauben mit unverlierbarer Unterlegscheibe (5).

Montieren Sie die Halterung des optionalen rechten Pedals (6) am Zusatzsteuergeräte-Ventil (4) mit den 2 Innensechskantschrauben (8) und 2 hochfesten Unterlegscheiben (9).



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Einbau des Behälteranzeigesensors (Filterverstopfungswarnung)



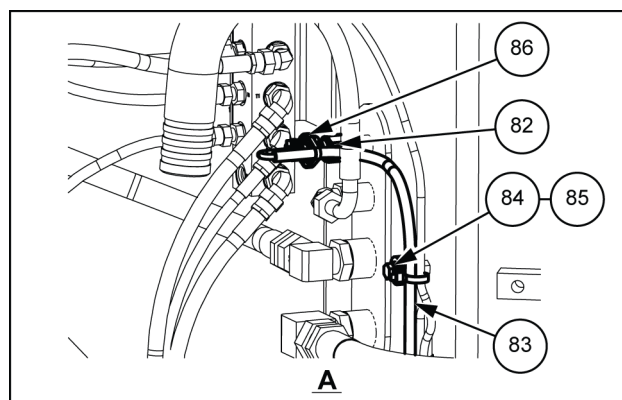
SMIL14II01029FB 1

1. Montieren Sie den Drucksensor **(82)** am Hydraulikbehälter **(*1)**.

Montieren Sie den Sensorkabelbaum **(83)** am Drucksensor **(82)**, und befestigen Sie ihn mit einem Kabelbinder **(86)**.

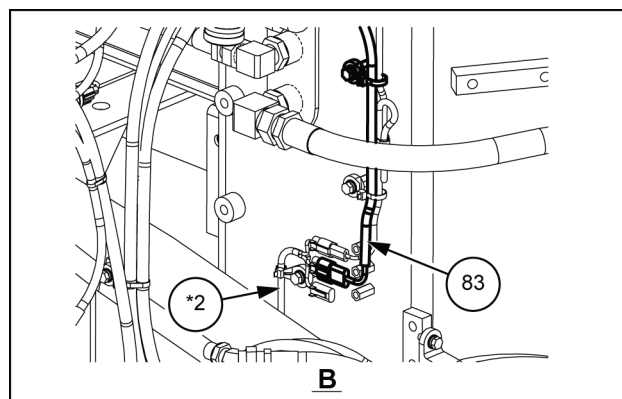
Befestigen Sie den Sensorkabelbaum **(83)** mit der Schelle mit Band **(84)** und der Spezialschraube **(85)**.

- Anzugsmoment: **23.5 - 35.3 N·m (17.33 - 26.04 lb ft)**



SMIL14II01030AB 2

2. Montieren Sie den Sensorkabelbaum **(83)** am Rahmenkabelbaum **(*2)**.



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1 - CONTENU DU KIT

Contenu du kit

REMARQUE: pour en savoir plus, consulter le manuel de pièces pour les commandes de pièces.

Distributeur de service (voir 3-13)

Item	Description	Quantité	Référence de pièce
4	Distributeur auxiliaire	1	KHJ24720
5	Vis à rondelle (M10 x 25)	2	105R010Y025R
6	Support de pédale de droite en option	1	KHJ24740
7	Support de pédale d'option	1	KHJ24780
8	Boulon à tête creuse hexagonale	2	KHJ1104
9	Rondelle haute résistance (M10)	2	KHJ0183
10	Pédale d'option	1	KHJ13850
11	Boulon à tête creuse hexagonale (M10 x 30)	2	KHJ24800
12	Rondelle haute résistance (M10)	2	KHJ0183
14	Support de blocage	1	KHJ10711
15	Boulon à tête creuse hexagonale (M10 x 16)	2	108R010Y016R
16	Rondelle haute résistance (M10)	2	KHJ0183
17	Levier de verrouillage	1	KHJ10701
18	Ressort de compression	1	KHJ10721
19	Ecrou haute résistance (M8)	1	KHJ0091
20	Rondelle simple (M8)	1	KHN0420
21	Couvercle en plastique de pédale	1	KHP0912

Circuit principal marteau (voir 3-9)

Item	Description	Quantité	Référence de pièce
25	Flexible hydraulique	1	KSJ19080
26	Joint torique	1	KHJ0914
27	Bride fendue (G1)	2	KRJ2682
28	Boulon à tête creuse hexagonale (M10 x 30)	4	108R010Y030R
29	Joint torique	1	KHJ1361
30	Adaptateur de flexible	1	KHJ1349
31	Douille	1	KHJ25900
32	Clapet de décharge	1	KHJ15050
33	Support	1	KSJ17120
34	Vis à rondelle (M12 x 30)	2	105R012Y030R
35	Vis spéciale (M12 x 25)	4	KHN1079
36	Raccord coudé	1	KHJ11370
37	Joint torique	1	KHJ1361
38	Flexible hydraulique	2	KSJ19110
39	Joint torique	2	M20J0771
40	Bride fendue (G1 x 1/4)	4	KTJ0029
41	Boulon à tête creuse hexagonale (M14 x 55)	8	108R014Y055R
43	Joint torique	1	KHJ1361
44	Adaptateur de flexible	1	KHJ1349
45	Douille	1	KHJ25900
46	Collecteur	1	KRJ16400
47	Support	1	KSJ16040
48	Vis à rondelle (M12 x 30)	2	105R012Y030R
49	Vis spéciale (M12 x 25)	4	KHN1079
50	Adaptateur de flexible (G3/4)	1	KNJ0605
51	Flexible hydraulique	1	KSJ17140

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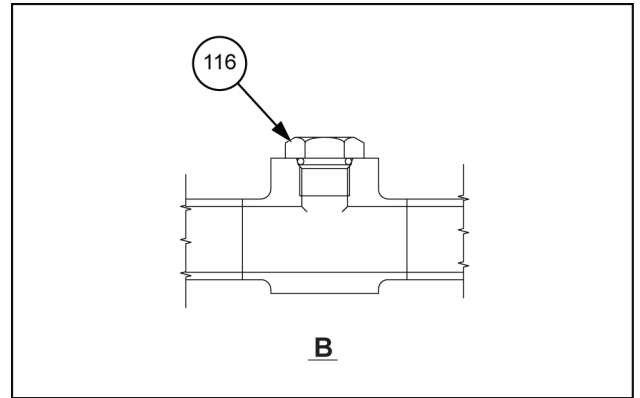
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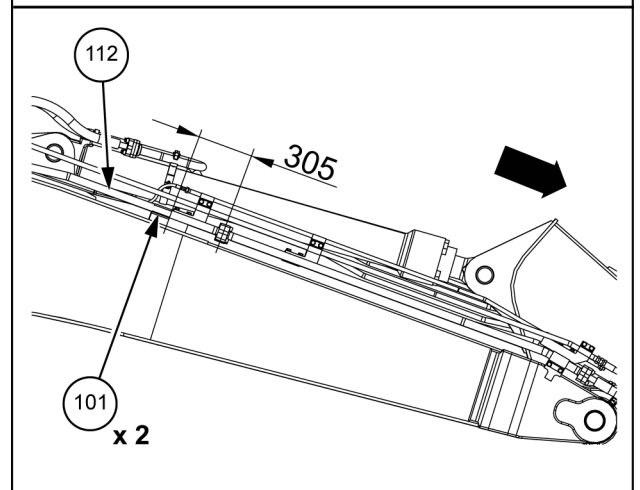
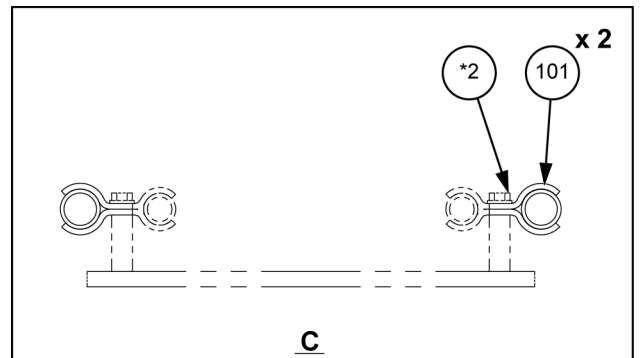
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7. Poser les 2 bouchons (116) sur l'ensemble conduite (droite) (112).



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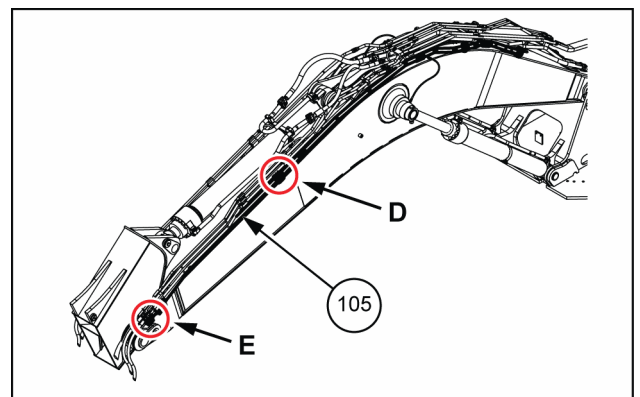
8. Serrer l'ensemble conduite (droit) (112) au moyen de 2 colliers de serrage (101), puis fixer au moyen de 2 vis à rondelle (*2).
- Fixer le collier de serrage (101) à 305 mm (12.01 in) de l'extrémité avant de l'ensemble conduite (droite) (112).



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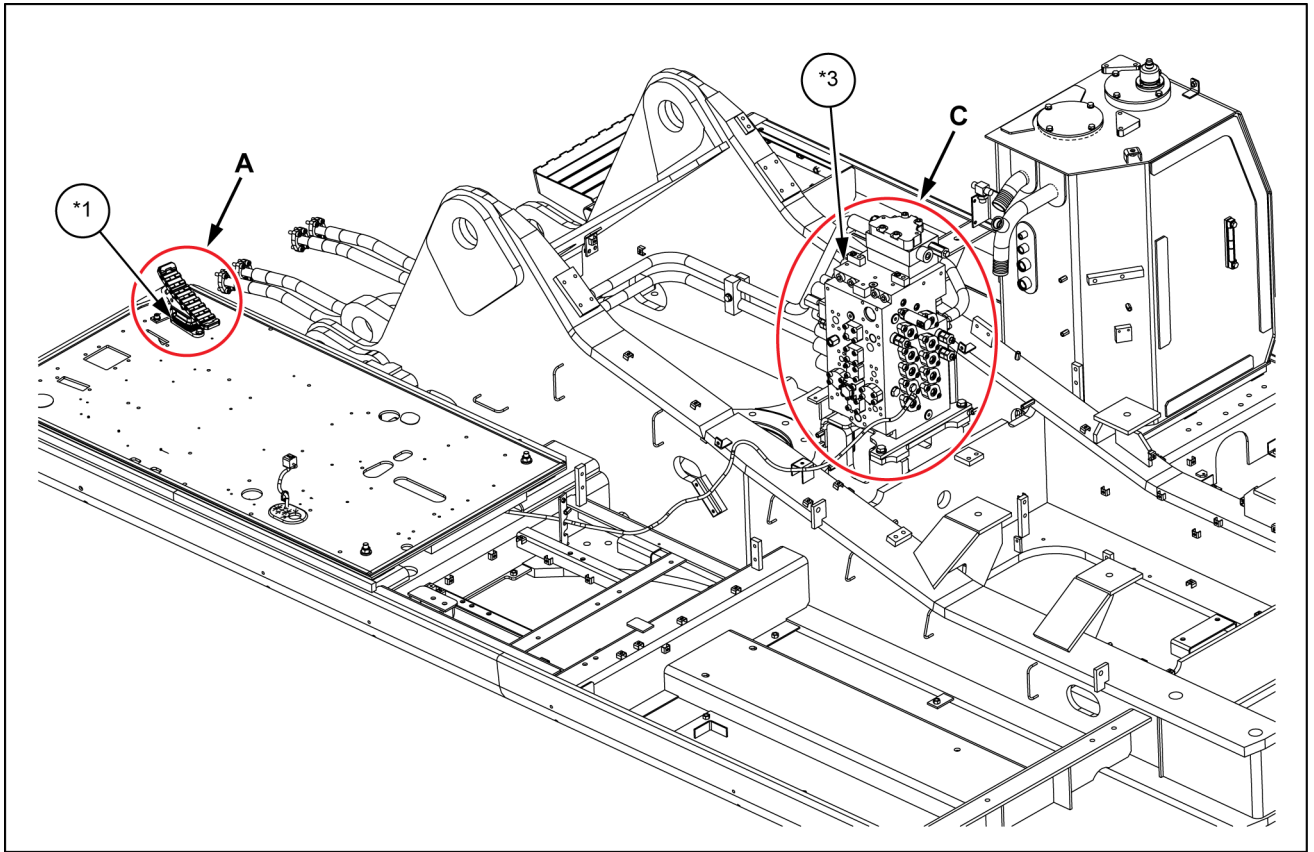
Ensembles conduites (105) et (111)

1. Positionner la conduite équipée (gauche) (105).

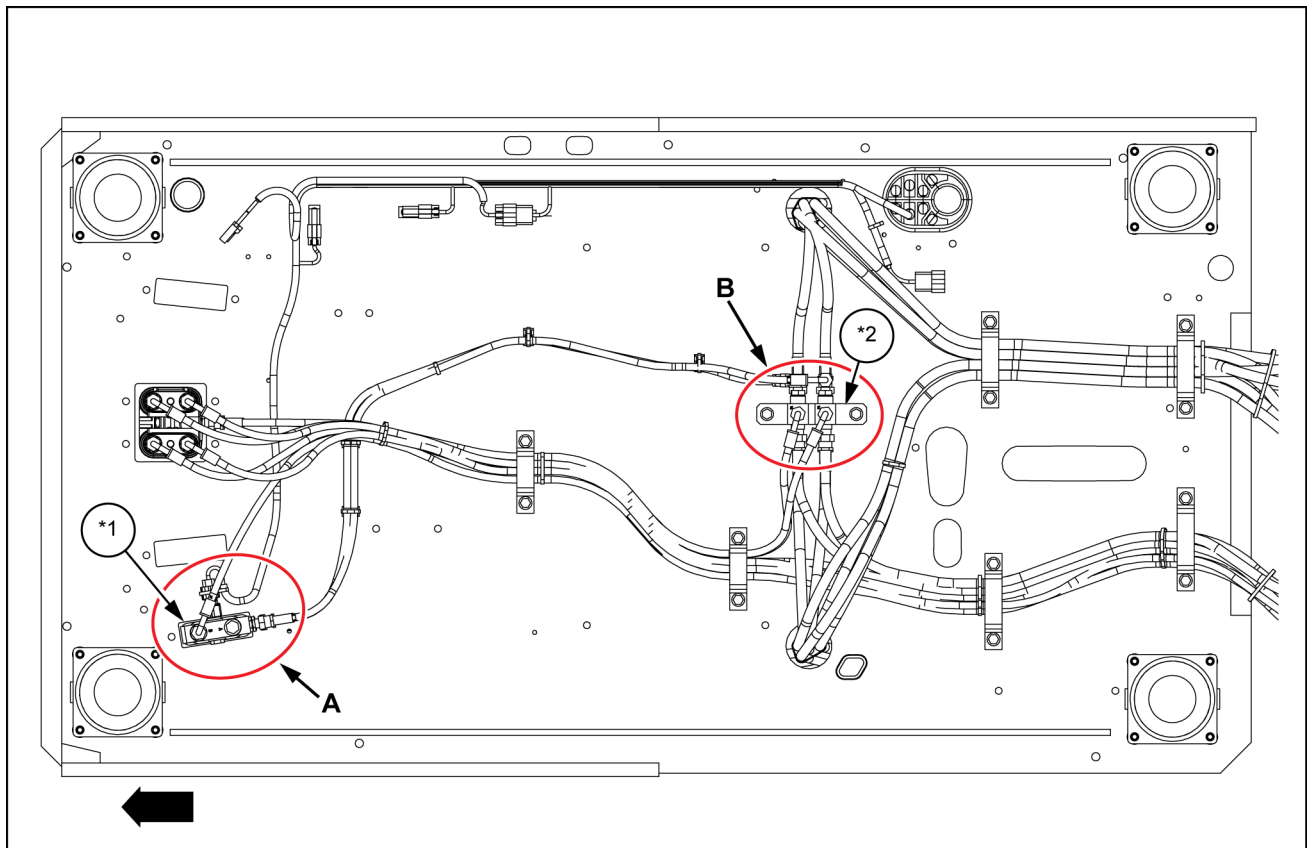


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Installation de la conduite de pilotage du distributeur de service (distributeur auxiliaire)

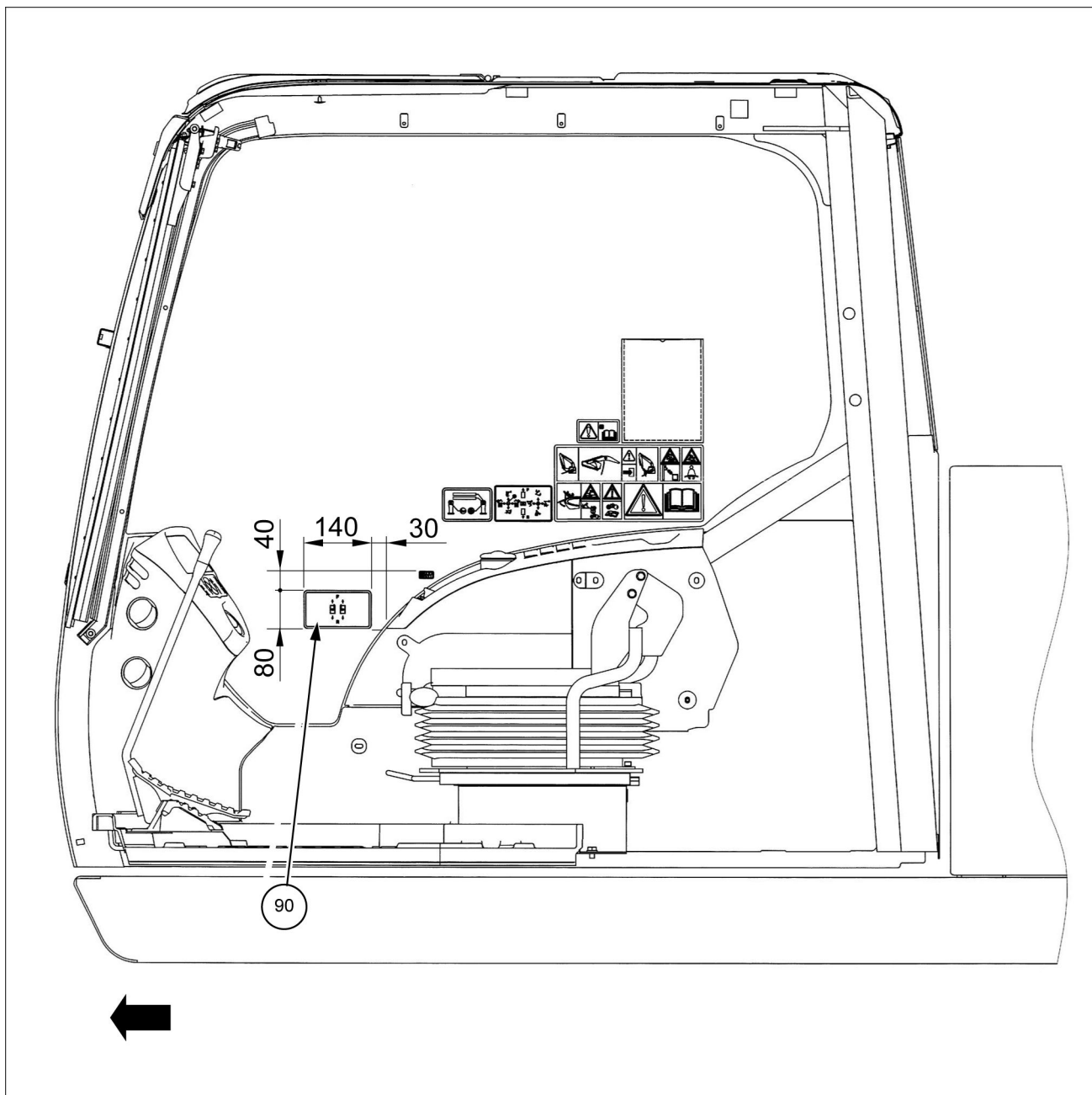


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Installation de la plaque signalétique à l'intérieur de la cabine



SML14CEX5047GB 1

1. Dépoussiérer l'endroit où l'étiquette doit être posée.
2. Fixer l'étiquette de fonctionnement avec commande au pied (ISO) (90).

1 - CONTENUTO DEL KIT

Componente	Descrizione	Quantità	Riferimento parte
102	Bullone tipo Sems (M12 x 30)	4	105R012Y030R
103	Fascetta stringitubo	2	KHV11070

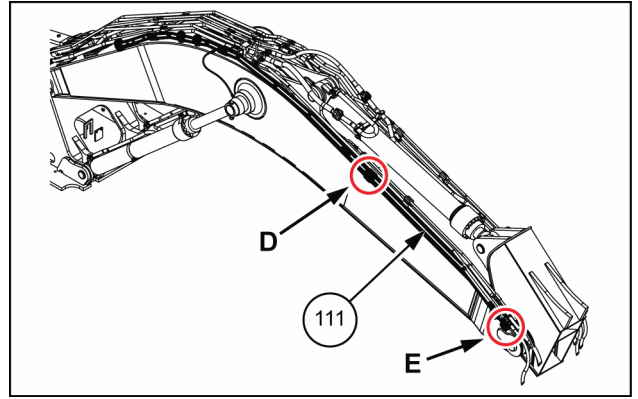
Tubazione (fare riferimento a 3-1)

Componente	Descrizione	Quantità	Riferimento parte
105	Complessivo tubazione (lato sinistro)	1	KSV24530
106	Complessivo tubazione (lato sinistro)	1	KSV24541
107	O-ring	1	M20J0771
108	Flangia doppia (G1 x 1/4)	2	KTJ0029
109	Bullone a testa esagonale incassata (M14 x 50)	4	108R014Y050R
110	Tappo (G3/4)	1	BRJ1286
111	Complessivo tubazione (lato destro)	1	KSV24560
112	Complessivo tubazione (lato destro)	1	KSV24571
113	O-ring	1	M20J0771
114	Flangia doppia (G1 x 1/4)	2	KTJ0029
115	Bullone a testa esagonale incassata (M14 x 50)	4	108R014Y050R
116	Tappo (G3/4)	2	BRJ1286

Tappo (fare riferimento alla sezione 3-1)

Componente	Descrizione	Quantità	Riferimento parte
119	Flangia piatta	2	KUP0009
120	O-ring	2	M20J0771
121	Bullone a testa esagonale incassata (M14 x 50)	8	108R014Y050R

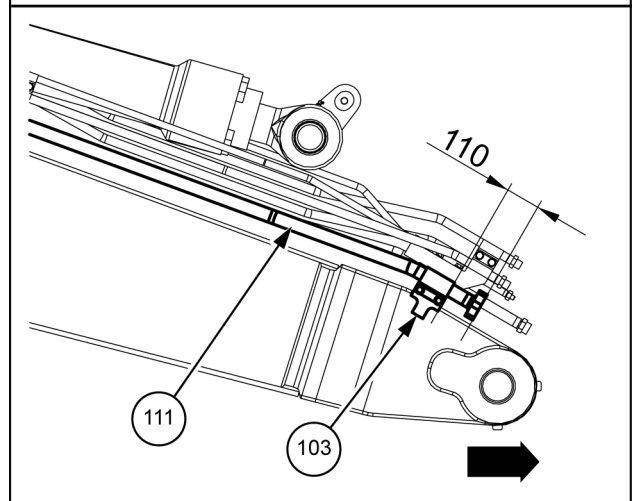
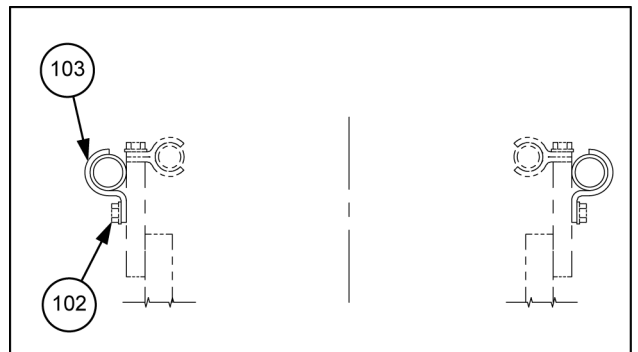
5. Posizionare complessivo tubazione (lato destro) (111).



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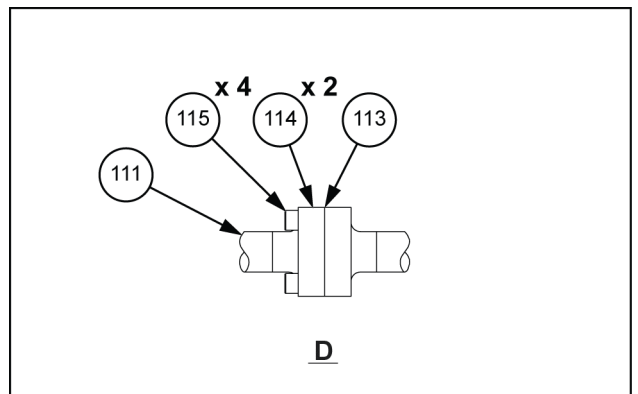
6. Fissare il complessivo tubazione (lato destro) (111) con 1 fascetta stringitubo (103) e 2 bulloni tipo Sems (102).

- Fissare la fascetta stringitubo (103) su un punto a **110 mm (4.33 in)** dall'estremità anteriore del complessivo tubazione (destra) (111).



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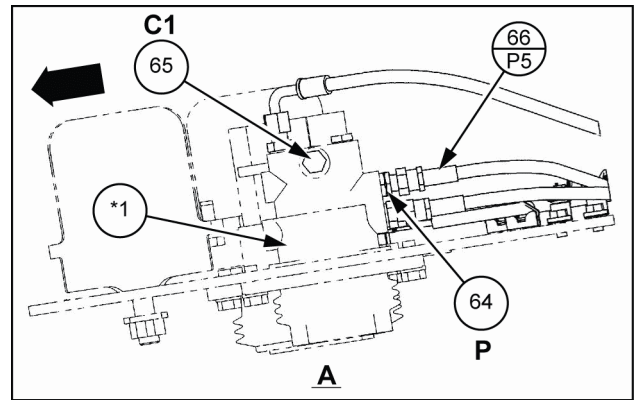
7. Dopo aver montato l'O-ring (113) sull'estremità posteriore del complessivo tubazione (lato destro) (111), fissare il complessivo tubazione (lato destro) (111) con le 2 semiflange (114) e i 4 bulloni a testa esagonale incassata (115).



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3. Montare il tappo (65) sul distributore idraulico ausiliario (*1), luce C1.

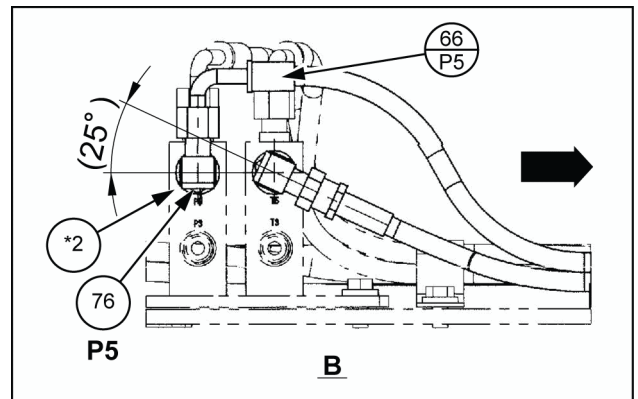
Montare il nipplo con filtro (64) sul distributore idraulico ausiliario (*1), luce P.



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4. Montare il gomito (76) sul collettore (*2), luce P5.

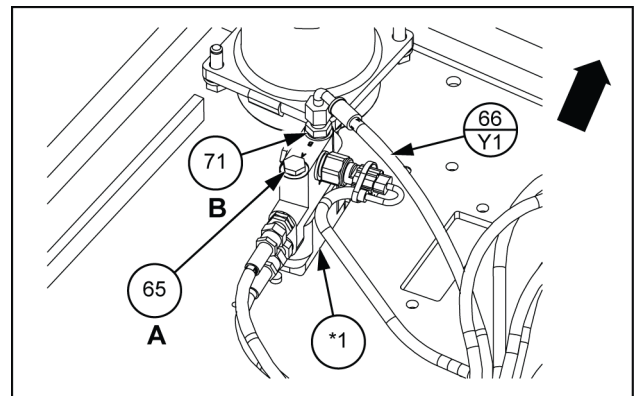
Collegare il distributore idraulico (*1), luce P e il collettore (*2), luce P5 con il tubo flessibile del complessivo (66/P5).



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5. Montare il tappo (65) sul distributore idraulico ausiliario (*1), luce A.

Montare l'adattatore tubo flessibile (71) sul distributore idraulico ausiliario (*1), luce B.



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2 - PREENSAMBLADO

PREPARACIÓN PARA MONTAJE

Preparación

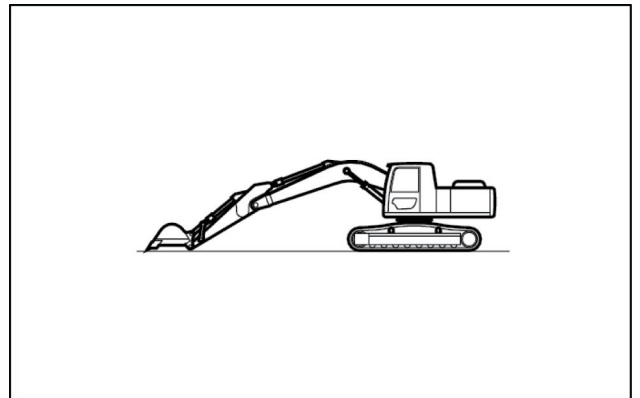
En este documento, el símbolo "*" indica que la pieza está montada en la máquina.

Elementos necesarios:

- Llaves (**10 mm, 13 mm, 17 mm, 19 mm, 22 mm**)
- Llaves hexagonales (**8 mm, 12 mm**)
- Destornillador Phillips (n.º 3)
- Cizallas, tijeras
- Trapo

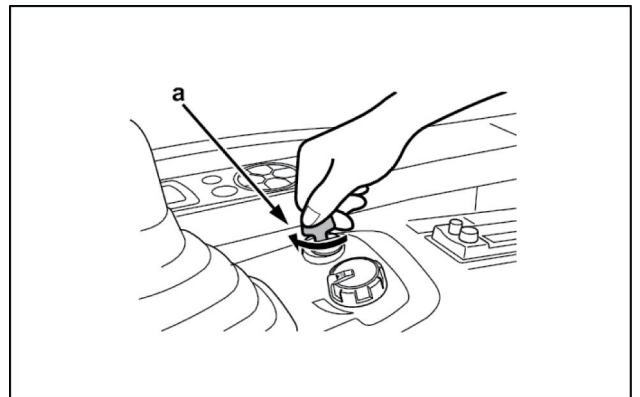
1. Coloque la máquina.

- Ponga la máquina en una superficie sólida y nivelada, extienda totalmente el cilindro de la cuchara y el cilindro del brazo, y baje la pluma hasta que la parte superior del brazo toque en el suelo.



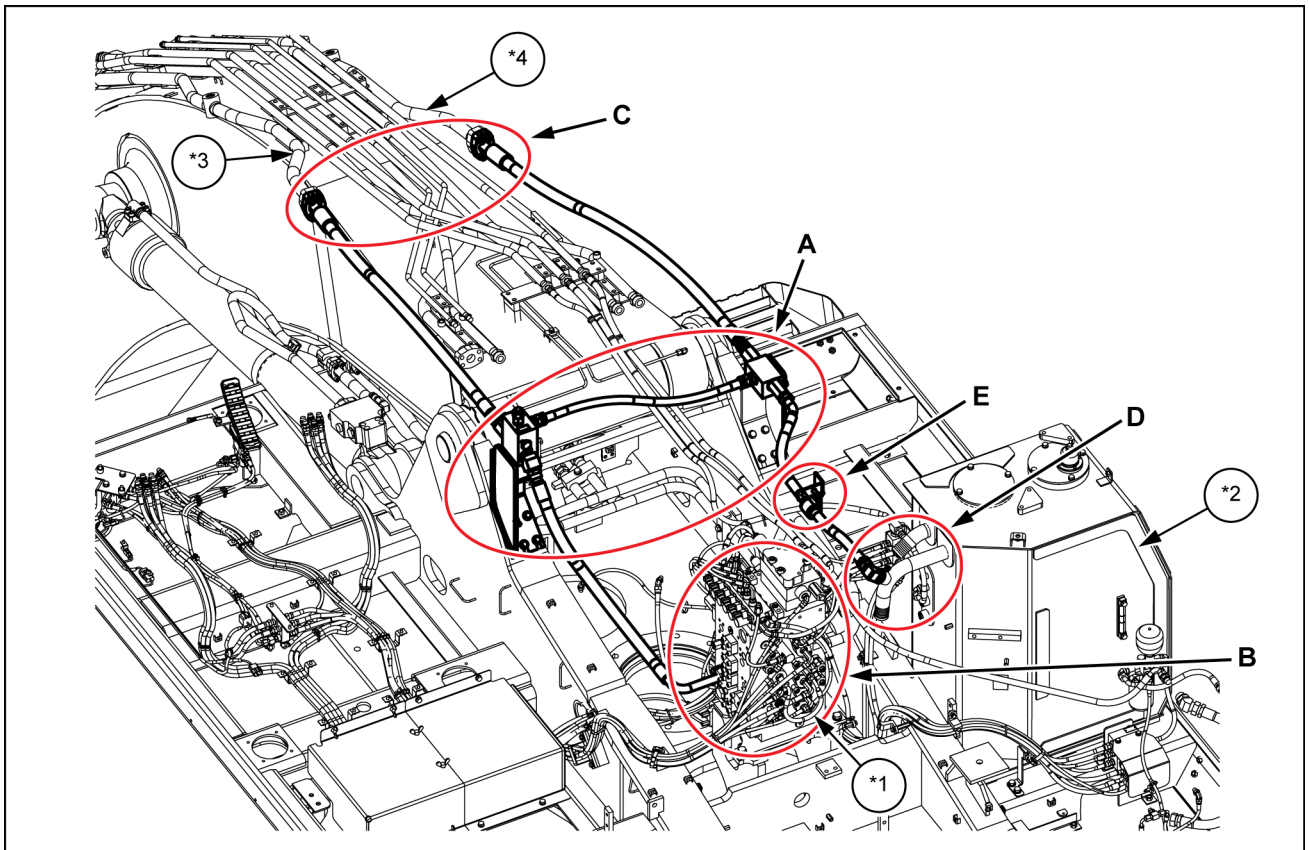
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2. Ponga la llave de contacto (**a**) en "OFF" (Apagado), asegúrese de que se ha detenido el motor y ponga de nuevo la llave en "ON" (Encendido). (No arranque el motor).



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Instalación del conducto principal superior



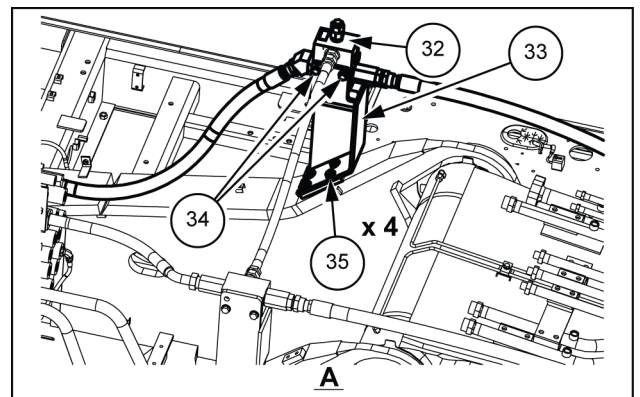
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Instalación del conducto principal superior (lado izquierdo)

1. Instale el soporte (33) en el bastidor con 4 pernos especiales (35).

Instale la válvula de descarga (32) en el soporte (33) con los 2 pernos SEMS (34).

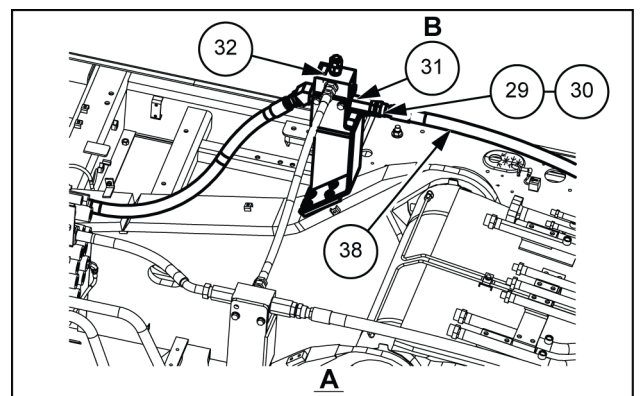
- Ajuste la presión definida para la válvula de descarga (32) de modo que coincida con el tipo de accesorio utilizado.



SMIL14I00995AB 2

2. Instale el casquillo (31) en el puerto B de la válvula de sobrepresión (32) para conectar el adaptador de manguera (30).

Instale la junta tórica (29) en el adaptador (30) y, a continuación, conecte la manguera hidráulica (38).



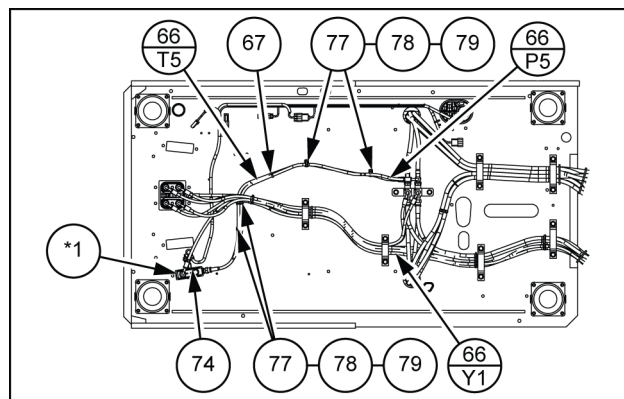
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8. Fije los conjuntos de manguera (66/Y1), (66/P5) y (66/T5) que salen de la válvula de control remoto (*1) en 4 posiciones con 1 abrazadera de montaje (77) cada uno, 1 tornillo de cabeza redonda Phillips (78) cada uno y 1 brida (79) cada uno.

Sujete las mangueras (66/P5) y (66/T5) que salen de la válvula de control remoto (*1) con la brida para cables (67).

- Fije los conjuntos de manguera (66/P5) y (66/T5) junto con la línea de control por pilotaje.

Instale el sensor de presión (74) en la válvula de control remoto (*1).



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