



## **INSTALLATION INSTRUCTIONS**

KG1NP108-00  
**DOUBLE-ACTING CIRCUIT PEDAL KIT (ONE PUMP FLOW)**

**APPROXIMATE INSTALLATION TIME: 25.0 hours**

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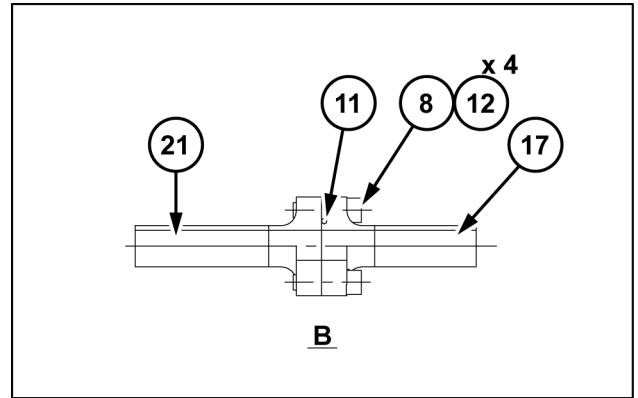


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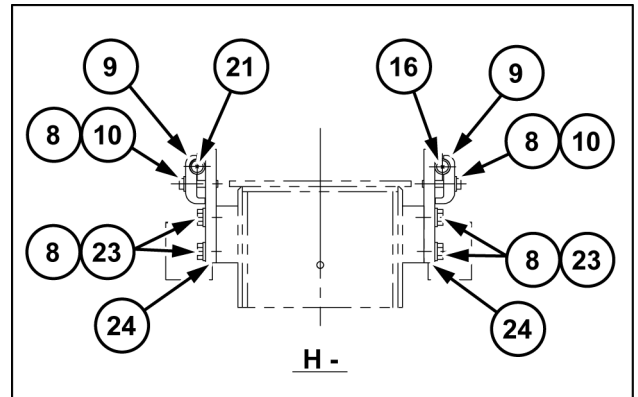


2. Set the O-ring (11) on the line assembly (left) (17), and then connect the line assembly (left) (21) with four hexagon socket head bolts (12).
  - Apply **LOCTITE® (8)** to the hexagon socket bolt (12).



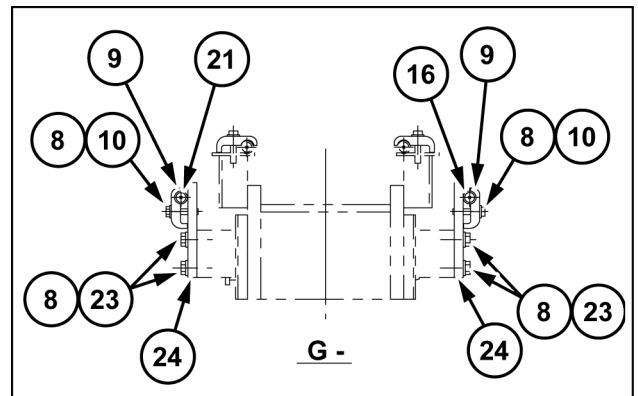
SMIL15CEXX850AB 8

3. Install the seating (24) on the boom with two sems bolts (23).
4. Fasten the line assembly (left) (21) with the clamps (9) and sems bolts (10).
  - Apply **LOCTITE® (8)** to the high-strength bolt (10) (23)



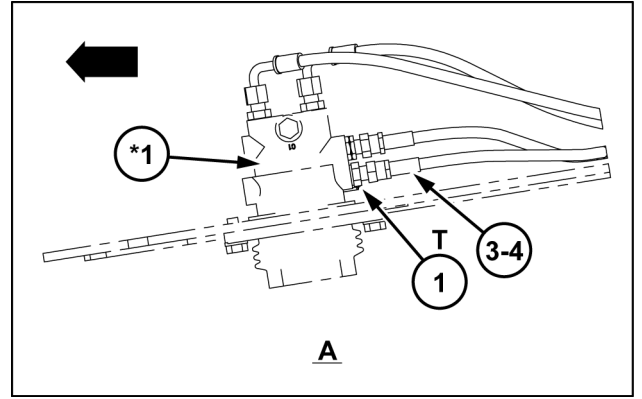
SMIL15CEXX851AB 9

5. Install the seating (24) on the boom with two sems bolts (23).
6. Fasten the line assembly (left) (21) with the clamps (9) and sems bolts (10).
  - Apply **LOCTITE® (8)** to the high-strength bolt (10) (23)
7. Install the line assembly (right) (16) in the same way as the line assembly (left) (21).



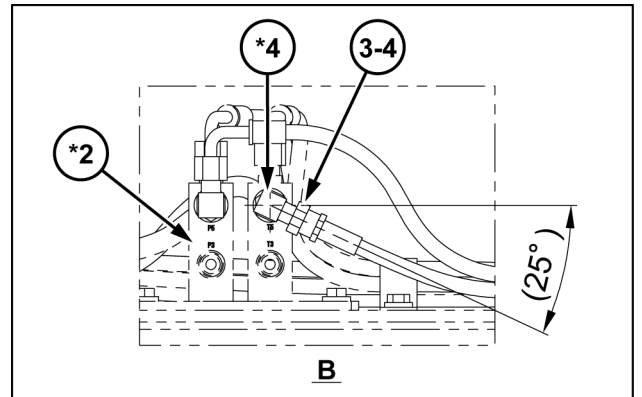
SMIL15CEXX852AB 10

1. Install the hose adapter (1) on the remote control valve (\*1) T port.



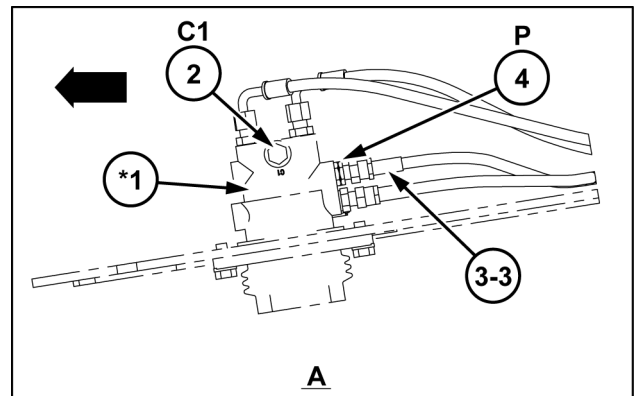
SMIL15CEXX895AB 4

2. Install the elbow (\*4) on the manifold (\*2) T5 port.
3. Connect the remote control valve (\*1) T port and manifold (\*2) T5 port with the nylon hose (3-4).
4. Install the elbow (\*4) with the horizontal angle of 25° down.



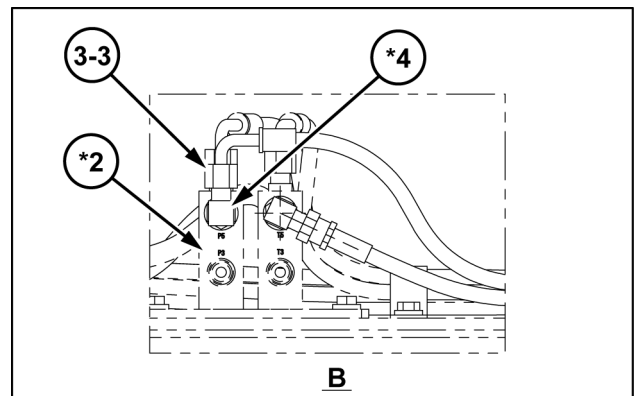
SMIL15CEXX896AB 5

5. Install the plug (2) on the remote control valve (\*1) C1 port.
6. Install the nipple with filter (4) on the remote control valve (\*1) P port.



SMIL15CEXX897AB 6

7. Install the elbow (\*4) on the manifold (\*2) P5 port.
8. Connect the remote control valve (\*1) P port and manifold (\*2) P5 port with the nylon hose (3-3).



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## 2 - VORMONTAGE

### VORBEREITUNG ZUR MONTAGE

#### Vorbereitung

CX130C Raupenbagger, LC, Version mit langem Ausleger (STUFE 4) - EU-Markt	WE
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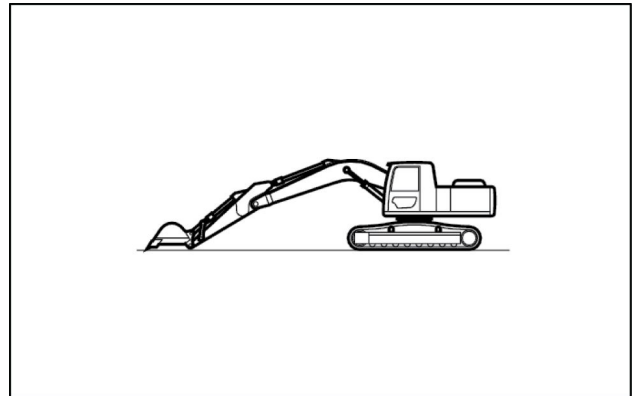
Ein „\*“ in diesem Dokument weist darauf hin, dass das Teil an der vorliegenden Maschine verbaut ist.

Vorzubereitende Elemente:

- Schraubenschlüssel ( **10 mm, 13 mm, 17 mm, 19 mm, 36 mm** )
- Sechskantschlüssel ( **8 mm** )
- Kreuzschlitzschraubendreher (Nr. 3)
- Cuttermesser, Schere
- Lappen

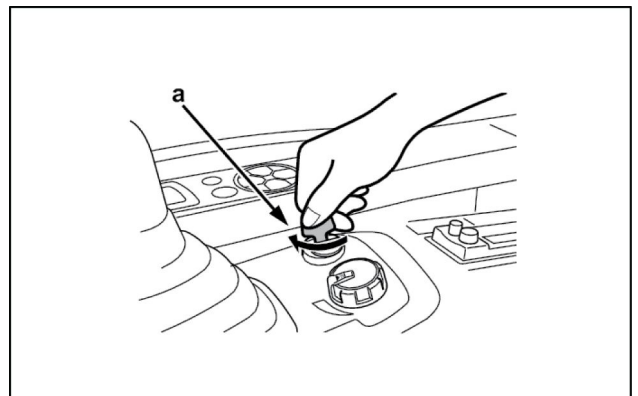
1. Bringen Sie die Haupteinheit in Position.

- Stellen Sie die Haupteinheit auf einem festen und ebenen Untergrund ab, fahren Sie den Löffelzylinder bis zum Anschlag aus, fahren Sie den Pendelarmzylinder bis zum Anschlag aus, senken Sie den Ausleger ab, und lassen Sie das Pendelarmoberteil den Boden berühren.



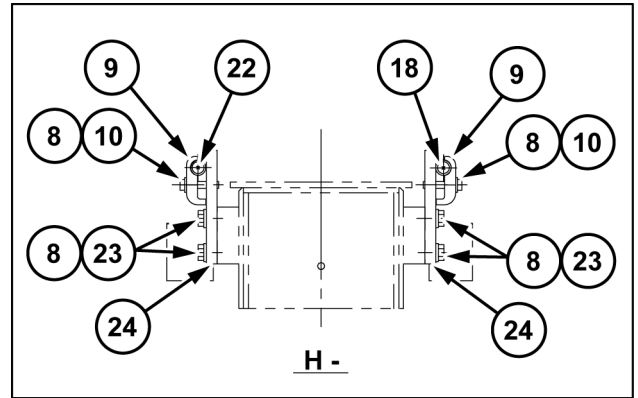
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2. Schalten Sie den Zündschlüssel (**a**) auf „OFF“ (AUS), vergewissern Sie sich, dass der Motor ausgeschaltet ist, und schalten Sie dann den Zündschlüssel wieder auf „ON“ (EIN). (Den Motor nicht starten.)



SMIL13II00107AA 2

2. Die drei Sitze (24) mit je zwei Kombischrauben (23) am Ausleger montieren.
3. Die Leitungsbaugruppe (links) (22) an drei Stellen mit je einer Rohrschelle (9) und einer Kombischraube (10) befestigen.
  - **LOCTITE® (8)** auf die Kombischrauben (10) (23) auftragen.
  - Befestigen Sie die Rohrschellen (9) in einem Abstand von **335 mm (13.2 in)** zum hinteren Ende und **122 mm (4.8 in)** zum vorderen Ende der Leitungsbaugruppe (links) (22).
4. Montieren Sie die Leitungsbaugruppe (rechts) (18) auf dieselbe Weise wie die Leitungsbaugruppe (links) (22).



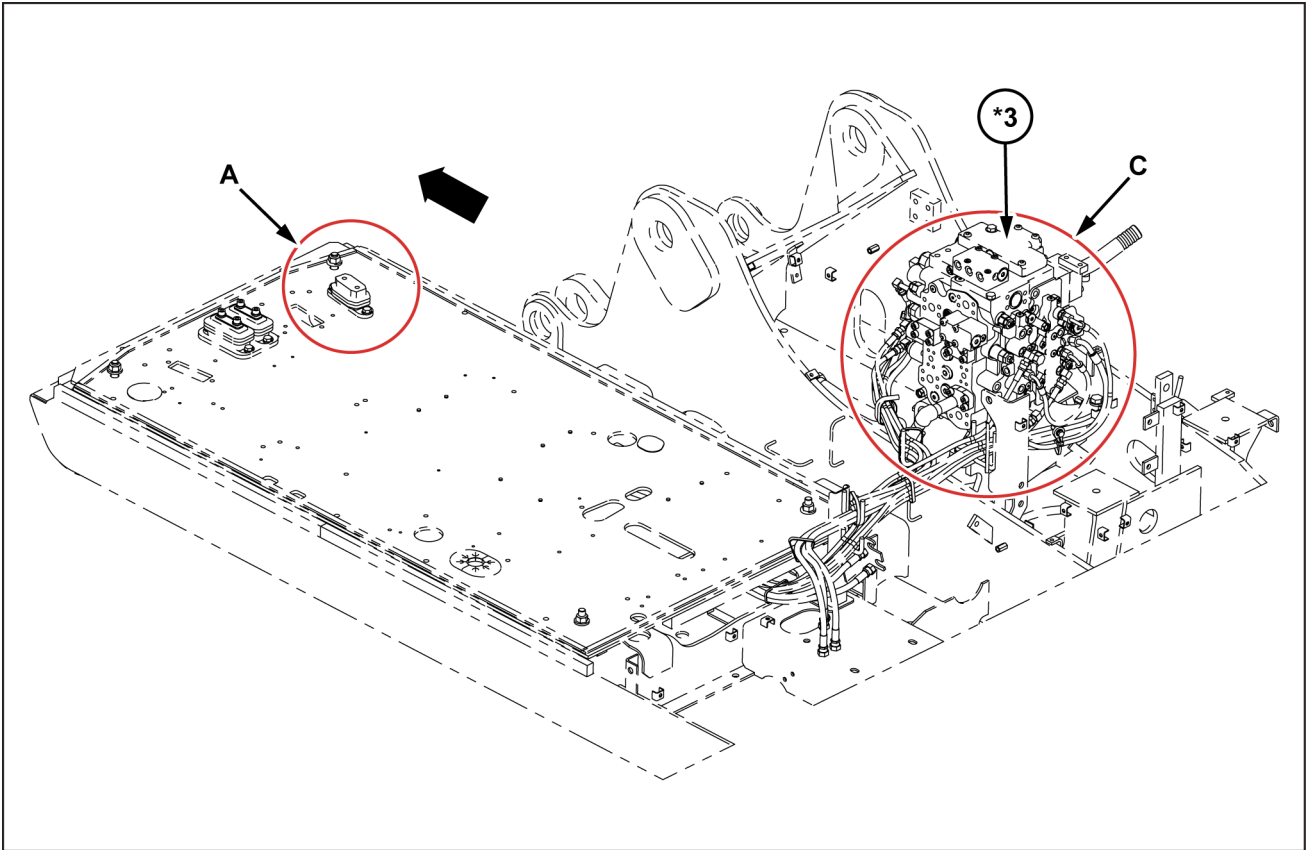
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# Montage der Vorsteuerleitung - Proportionalsteuerung

CX130C Raupenbagger, LC, Version mit langem Ausleger (STUFE 4) -  
EU-Markt

WE

## Einbau der Vorsteuerleitung

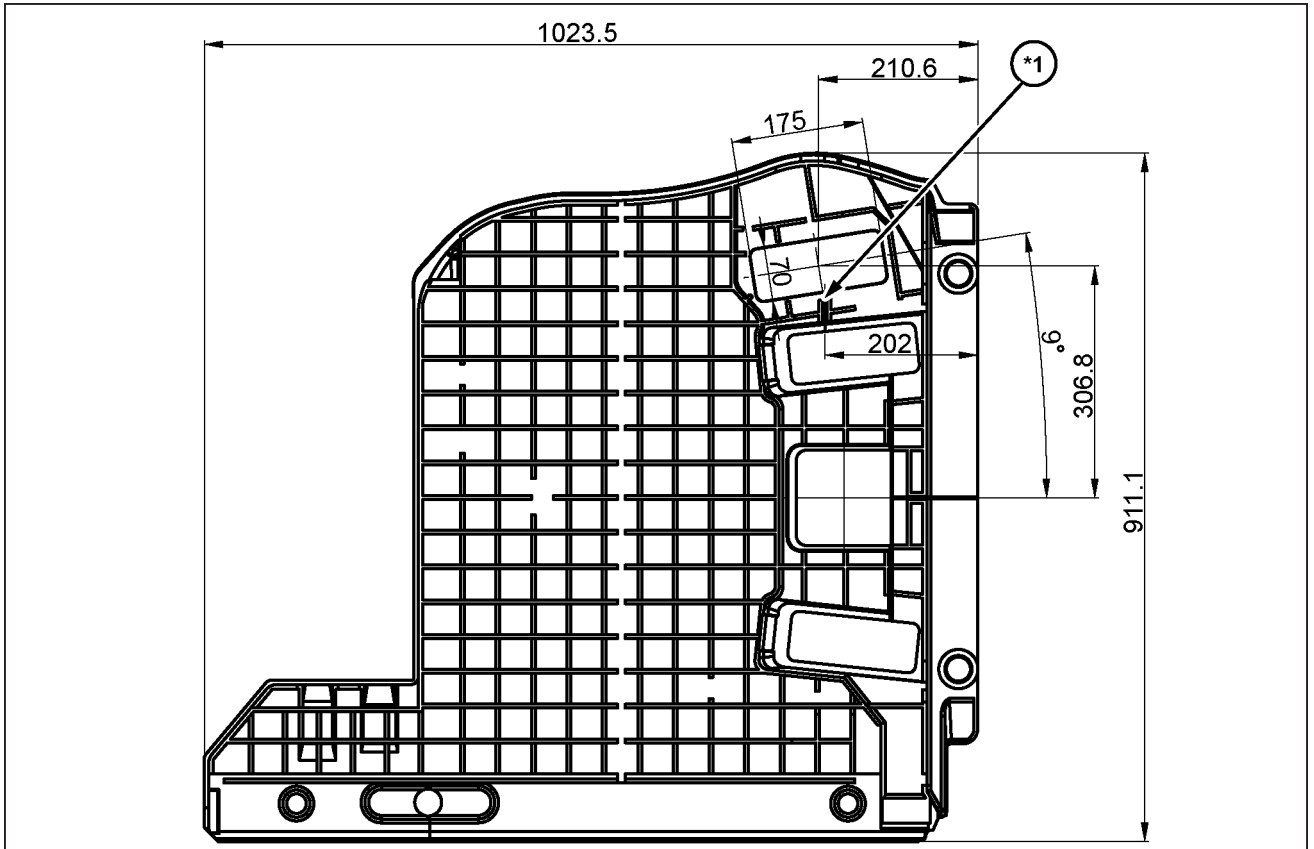


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## Zusätzliche Arbeiten bei Bodenmatte

CX130C Raupenbagger, LC, Version mit langem Ausleger (STUFE 4) -  
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1. Nehmen Sie die Bodenmatte aus der Kabine heraus.
2. Legen Sie die Bodenmatte auf der ebenen Plattform aus, und markieren Sie die Abmessungen.
3. Schneiden Sie mit einem Cuttermesser oder einer Schere die Schlitzze (\*1) aus.
4. Legen Sie die zugeschnittene Bodenmatte in der Kabine aus.

**Embase de flèche (voir 3-6)**

<b>H</b>			
<b>Item</b>	<b>Description</b>	<b>Quantité</b>	<b>Référence de pièce</b>
1	Plaque ( PL50x82x100)	2	—
2	Embase	10	KTV0853

**Conduite de bras (voir 3-3)**

<b>HA</b>			
<b>Item</b>	<b>Description</b>	<b>Quantité</b>	<b>Référence de pièce</b>
1	Bouchon G3/4	2	KHJ0481
2	Coude G3/4	2	KHJ0351
3	Soupape d'arrêt G3/4	2	KHV10710
4	Adaptateur de flexible	2	KHJ1348
5	Joint torique	6	KHJ1360
6	Vis haute résistance ( M12x75)	4	102R012Y075R
7	Rondelle haute résistance ( M12)	4	KHN0296
8	Loctite	1	KRC5007
9	Collier de serrage	8	KRV0548
10	Vis à rondelle ( M12x60)	8	105R012Y060R
11	Joint torique	2	UHJ0415
12	Boulon à tête creuse hexagonale ( M10x35)	8	108R010Y035R
13	Ensemble conduite (droite)	1	KNV29050
14	Ensemble conduite (droite)	1	KNV29040
15	Flexible hydraulique (L= 1780 mm (70.1 in))	2	KNV29060
19	Ensemble conduite (gauche)	1	KNV29030
20	Ensemble conduite (gauche)	1	KNV29020

**Support de bras (voir 3-1)**

<b>AZ</b>			
<b>Item</b>	<b>Description</b>	<b>Quantité</b>	<b>Référence de pièce</b>
1	Embase	2	KHV10930
2	Embase	4	KRV1646
3	Embase	4	KTV0700

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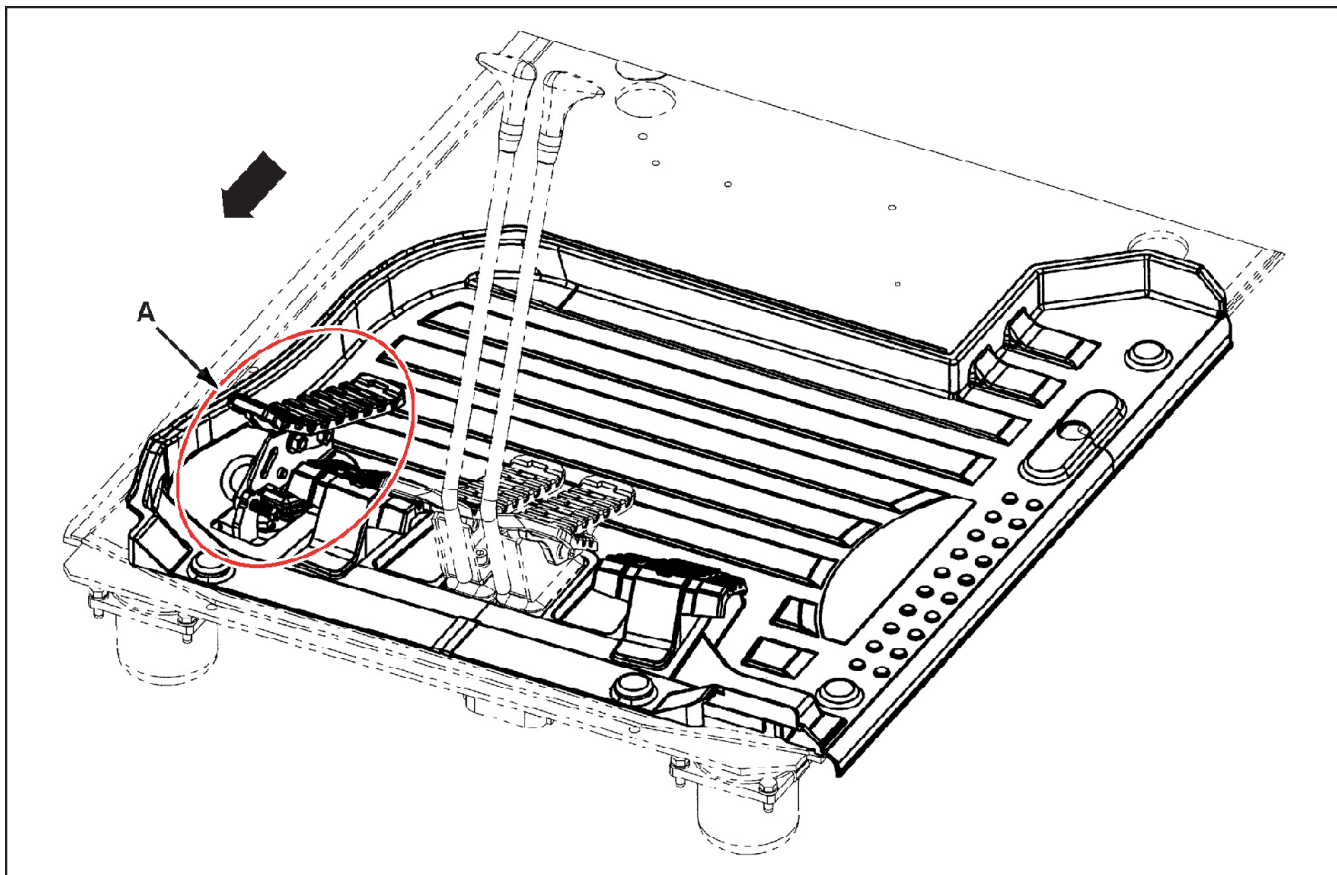
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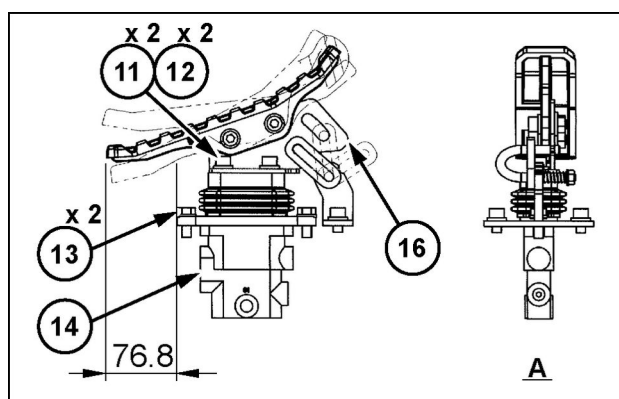
## Installation du distributeur de service (distributeur auxiliaire)

CX130C Excavatrice sur chenilles version LC LONGUE PORTEE (TIER 4) - WE  
Marché UE



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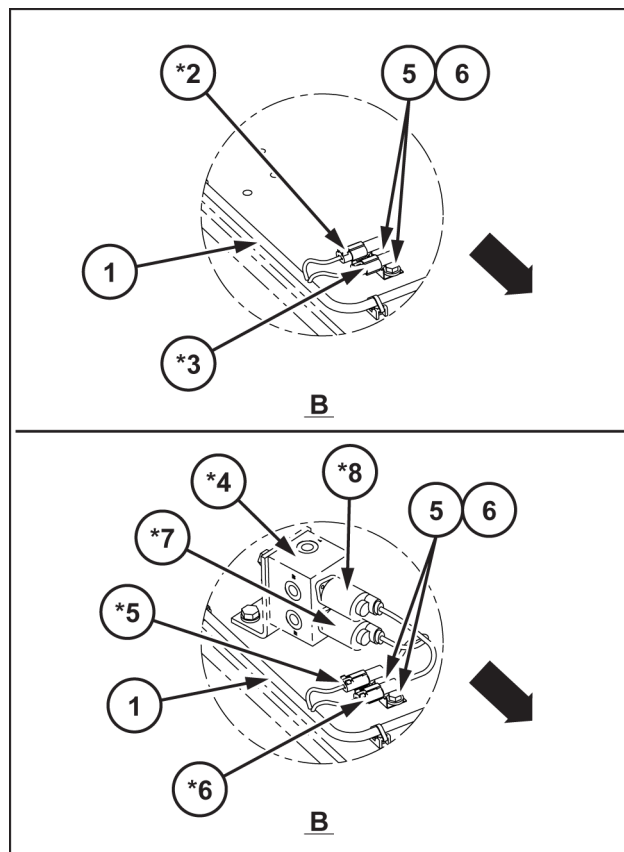
1. Déposer le tapis de sol de la cabine.
2. Fixer le distributeur auxiliaire (14) sur la section avant droite du plancher à l'aide des deux vis à rondelle (13). Poser le support de pédale droite d'option (16) sur le distributeur auxiliaire (14) à l'aide des deux vis à tête creuse hexagonale (12) et de deux rondelles haute résistance (11).



SMIL15CEX9836AB 2

5. Pour le circuit multi-usage, fixer les 2 raccords le long du faisceau électrique (1) avec 1 clip (5) et 1 vis à rondelle (6) pour chacun d'entre eux, puis brancher le faisceau électrique (1) et le faisceau de l'électrovanne (\*4), comme illustré.

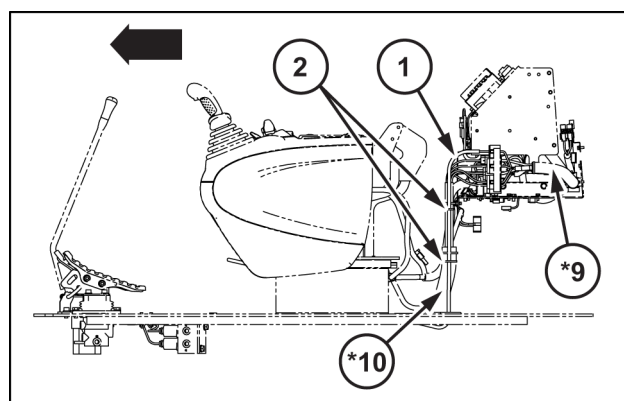
- Raccorder le faisceau électrique (1) (bande bleue) (\*5) et le faisceau de l'électrovanne (\*4) (\*7).
- Raccorder le faisceau électrique (1) (bande rouge) (\*6) et le faisceau de l'électrovanne (\*4) (\*8).



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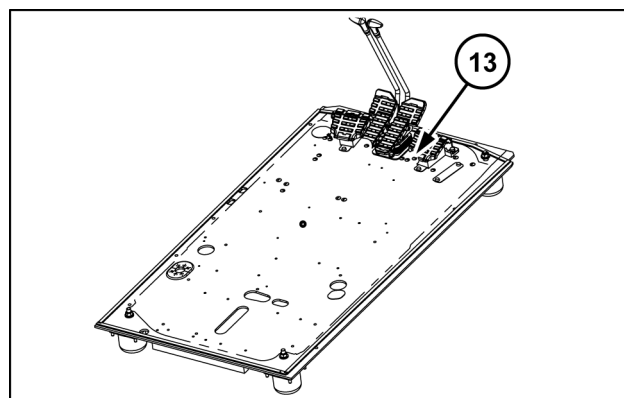
6. Faire passer le faisceau électrique (1) du côté plancher par dessous la cabine et le raccorder au faisceau principal de cabine (\*9).

7. Fixer le faisceau électrique (1) au faisceau électrique du châssis (\*10) avec 2 bracelets (2).



SMIL15CEXY17AB 5

8. Poser le bouchon à vis (13).



SMIL15CEXY19AB 6

# 1 - CONTENUTO DEL KIT

## Contenuto del kit

CX130C Escavatore cingolato versione LC A LUNGA PORTATA (TIER 4) - Mercato EU	WE
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**NOTA:** fare riferimento al catalogo dei ricambi per gli ordini.

### Valvola di servizio (fare riferimento a 3-17)

AA2			
Componente	Descrizione	Quantità	Riferimento parte
9	Pedale opzionale	1	KHJ13850
10	Bullone a testa esagonale incassata ( M10x30)	2	KHJ24800
11	Rondella ad alta resistenza ( M10)	6	KHJ0183
12	Bullone a testa esagonale incassata ( M10x20)	2	KHJ1104
13	Bullone tipo Sems ( M10x25)	2	105R010Y025R
14	Distributore idraulico ausiliario	1	KHJ24720
15	Copertura in plastica del pedale	1	KHP0912
16	Staffa pedale lato destro opzionale	1	KHJ24740
17	Leva di blocco	1	KHJ10701
18	Bullone a testa esagonale incassata ( M10x16)	2	108R010Y016R
19	Staffa di blocco	1	KHJ10711
20	Staffa pedale opzionale	1	KHJ24780
21	Molla di compressione	1	KHJ10721
22	Rondella piana ( M8)	1	KHN0420
23	Dado ad alta resistenza ( M8)	1	KHJ0091

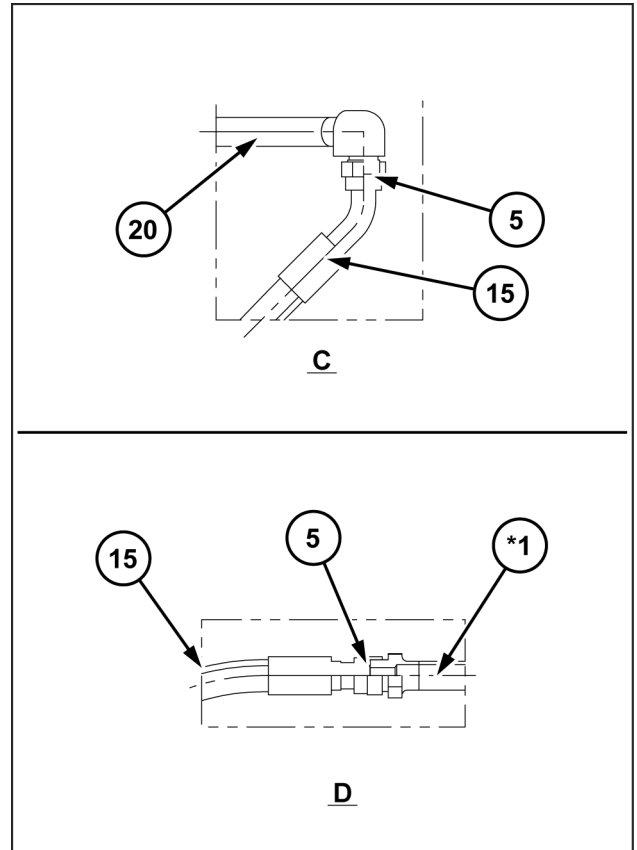
### Circuito principale a doppia azione (fare riferimento a 3-12)

MA			
Componente	Descrizione	Quantità	Riferimento parte
1	Collettore	2	KRJ12170
2	Adattatore tubo flessibile	2	KHJ1941
3	Flessibile idraulico	2	KLJ11690
4	O-ring	6	KHJ1360
5	Staffa	1	KNJ14840
6	Bullone tipo Sems ( M12x30)	14	105R012Y030R
7	Gomito	1	KHJ16290
8	Flessibile idraulico	1	KNJ15050
9	Gomito G1	1	KHJ14700
10	Staffa	1	KNJ14830
11	Staffa	1	KNJ18430
12	Fascetta stringitubo flessibile	2	KLJ10730
13	Piastra	1	KRH10210
14	Bullone tipo Sems ( M10x30)	2	105R010Y030R
15	Flessibile idraulico	1	KNJ12830
17	Semiflangia	4	KRJ2681
18	Bullone a testa esagonale incassata ( M10x30)	8	108R010Y030R
19	O-ring	2	KHJ0913

### Controllo proporzionale circuito pilota a doppia azione (fare riferimento a 3-19)

PI			
Componente	Descrizione	Quantità	Riferimento parte
1	Adattatore tubo flessibile	3	KNJ0758
2	Tappo	1	KHJ0363
3	Tubo flessibile del complessivo (3-1 3-4)		KNJ19180
3-1	Tubo flessibile di nylon	1	KHJ2167

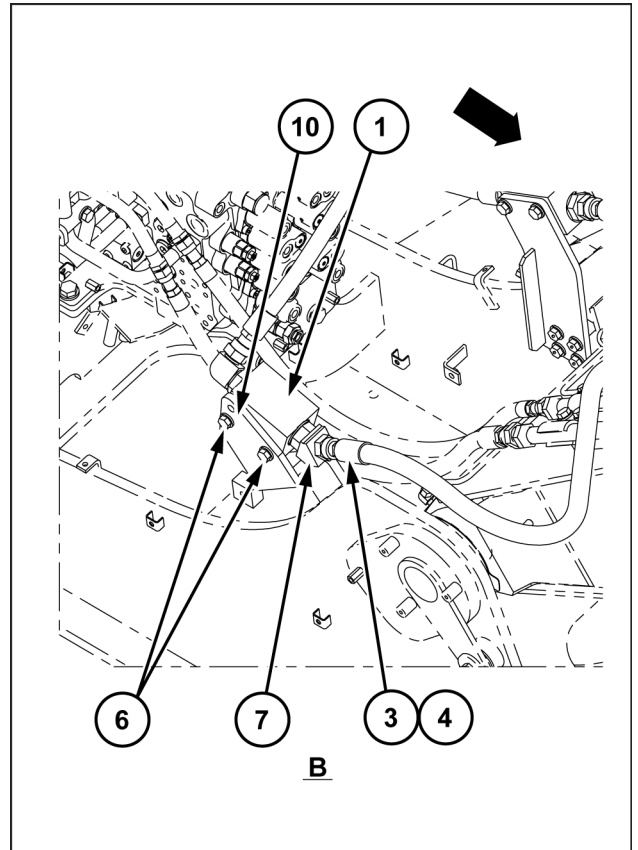
9. Posizionare 1 O-ring **(5)** ciascuno sul complessivo tubazione (lato sinistro) **(20)** e sul complessivo braccio (lato sinistro) **(\*1)**, quindi collegare con il flessibile idraulico **(15)**.



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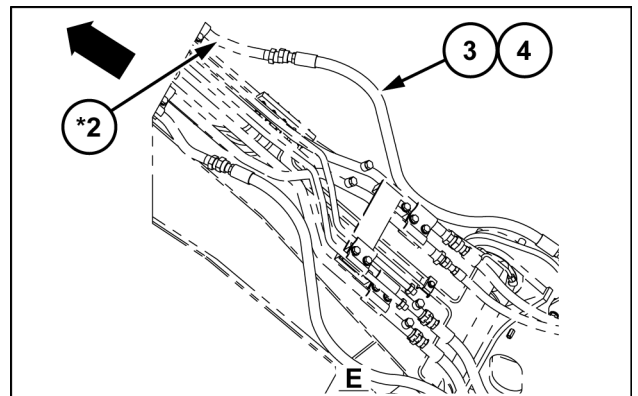
10. Montare il complessivo tubazione sul penetratore destro utilizzando le stesse procedure dei passi da 1 a 9 per il lato sinistro.
- Tuttavia, sostituire la dicitura complessivo tubazione (lato sinistro) **(19)** con complessivo tubazione (lato destro) **(13)**, complessivo tubazione (lato sinistro) **(20)** con complessivo tubazione (lato destro) **(14)**, complessivo braccio (lato sinistro) **(\*1)** con complessivo braccio (lato destro) **(\*2)**.

2. Montare il collettore (1) sulla staffa (10) con 2 bulloni tipo Sems (6).
3. Montare il gomito (7) sul collettore (1).
4. Posizionare l'O-ring (4) sul gomito (7) e collegare il flessibile idraulico (3).
  - Coppia di serraggio: **157 - 193 N·m (116 - 142 lb ft)**



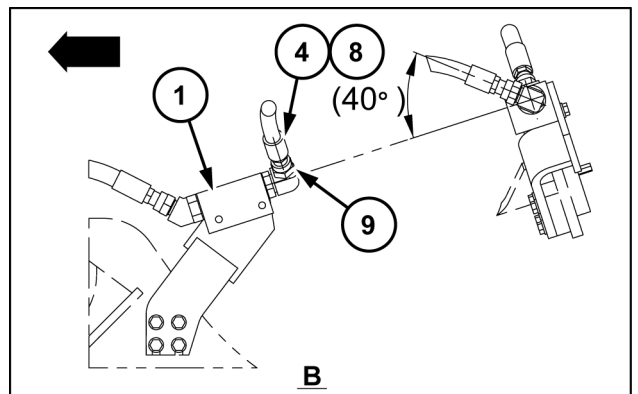
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5. Posizionare l'O-ring (4) sul complessivo tubazione (lato destro) (\*2) e collegare il flessibile idraulico (3).
  - Coppia di serraggio: **157 - 193 N·m (116 - 142 lb ft)**



SMIL15CEXX859AB 8

6. Montare il gomito (9) sul collettore (1).  
 Posizionare l'O-ring (4) sul gomito (9) e collegare il flessibile idraulico (8).
  - Coppia di serraggio: **157 - 193 N·m (116 - 142 lb ft)**



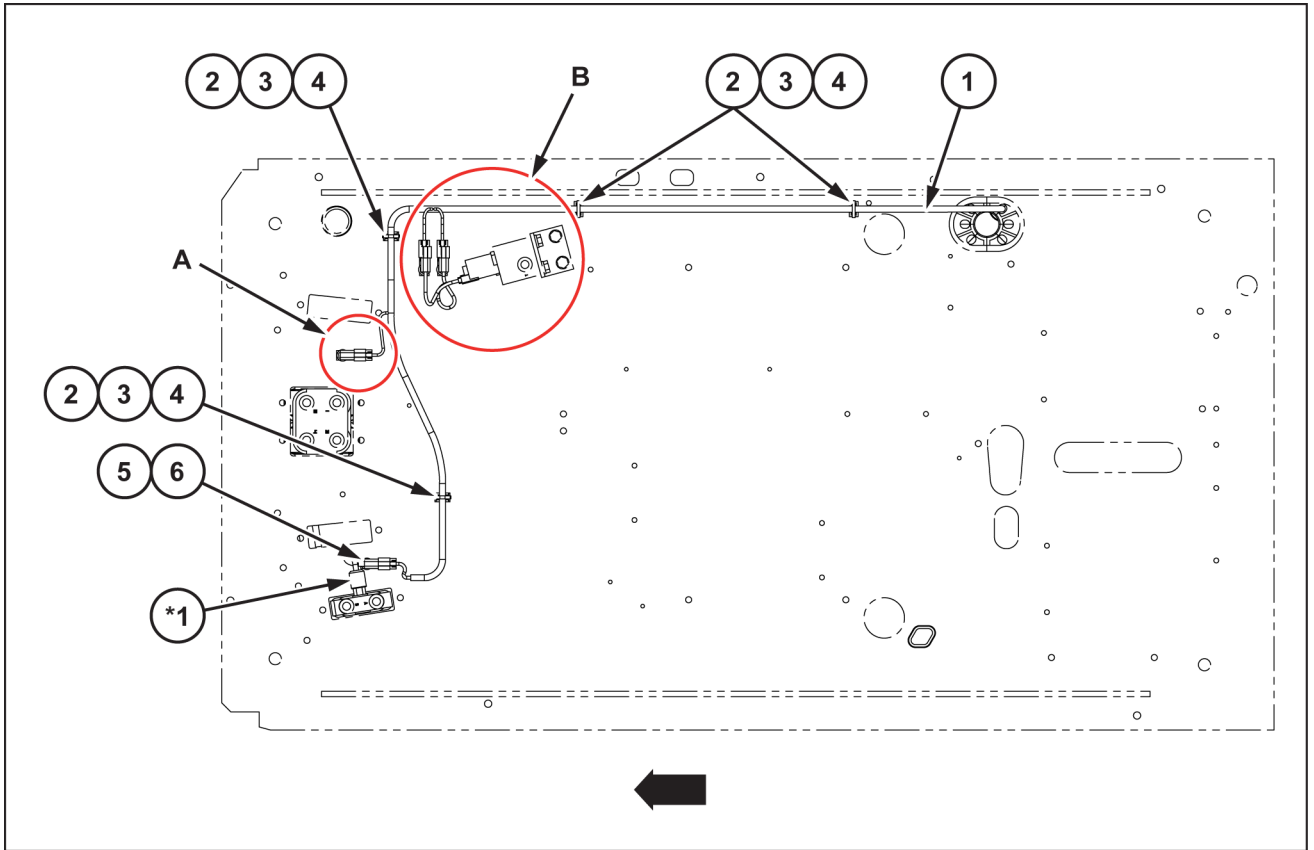
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## Montaggio cablaggio - Comando proporzionale

CX130C Escavatore cingolato versione LC A LUNGA PORTATA (TIER 4) - Mercato EU

WE

### Montaggio del cablaggio



SML15CEXY14FB 1

# Contenido

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## 1 CONTENIDO DEL KIT

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## 2 PREENSAMBLADO

### PREPARACIÓN PARA MONTAJE

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## 3 MONTAJE

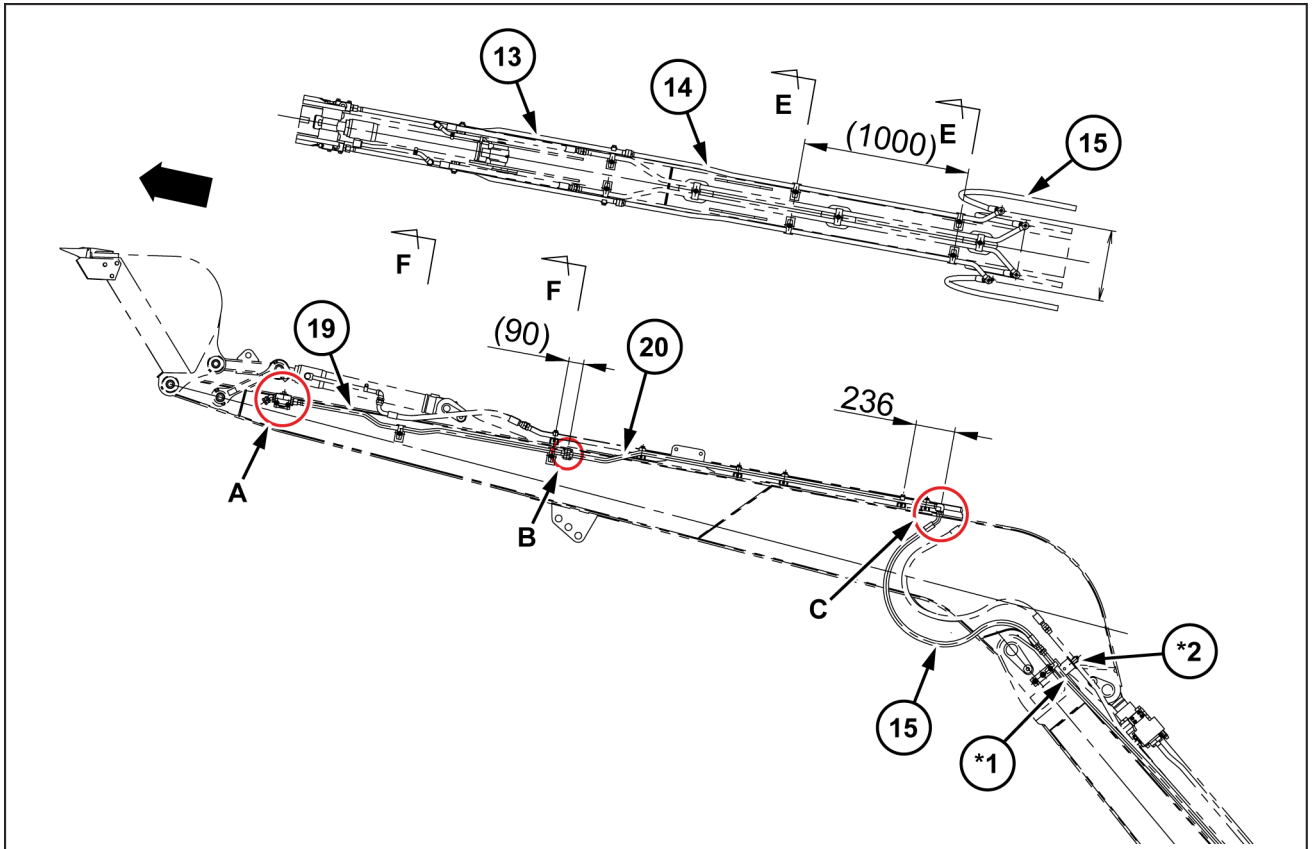
### KIT DE PEDAL DEL CIRCUITO DE ACCIÓN DOBLE (BOMBA DE CAUDAL SIMPLE)

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## Instalación de la línea del brazo

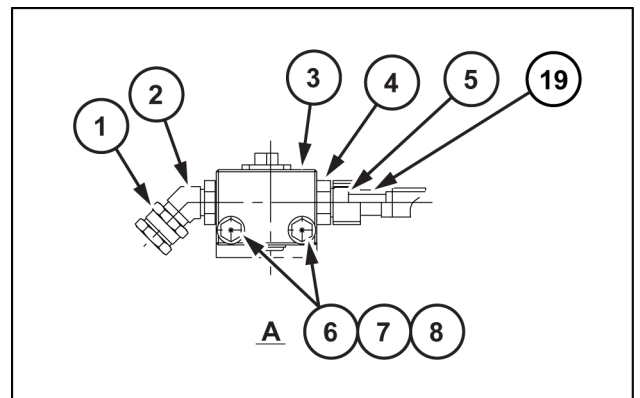
CX130C Excavadora de cadenas de largo alcance LC (TIER 4) - Mercado de Europa

WE



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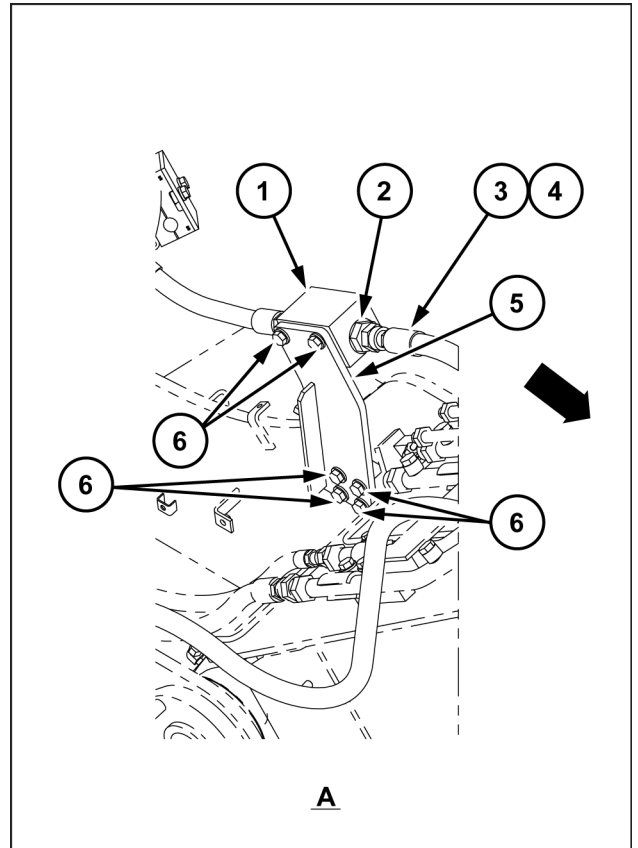
1. Instale la válvula de tope (3) en el lado izquierdo del brazo con siete pernos (6) y dos arandelas de alta resistencia (2).
  - Aplique **LOCTITE®** (8) al perno de alta resistencia (6).
2. Instale el codo (2) y el tapón (1) en la válvula de tope (3).
3. Instale el adaptador para manguera (4) en la válvula de parada (3).
4. Utilice un equipo de elevación o similar para colocar el conjunto de conductos (izquierdo) (19) en el lado izquierdo del brazo.
5. Coloque la junta tórica (5) en el conjunto del tubo (izquierdo) (19) y, a continuación, conecte el adaptador de manguera (4).



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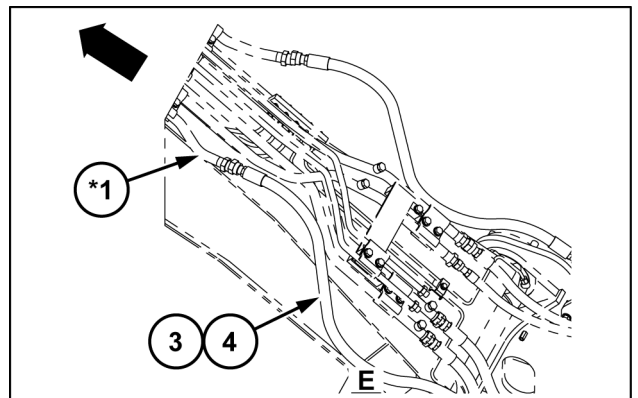
### Instalación del conducto principal superior (lado izquierdo)

1. Instale el soporte (5) en el bastidor con cuatro pernos SEMS (6).
2. Instale el colector (1) en el soporte (5) con dos pernos SEMS (6).
3. Instale el adaptador para manguera (2) en el colector (1).
4. Instale la junta tórica (4) en el adaptador (2) y, a continuación, conecte la manguera hidráulica (3).
  - Par de apriete: **157 - 193 N·m (115.8 - 142 lb ft)**



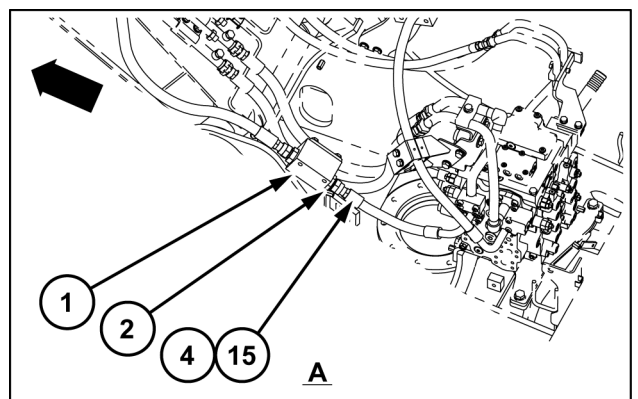
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5. Instale la junta tórica (4) en el conjunto del conducto (izquierdo) (\*1) y conecte la manguera hidráulica (3).
  - Par de apriete: **157 - 193 N·m (115.8 - 142 lb ft)**



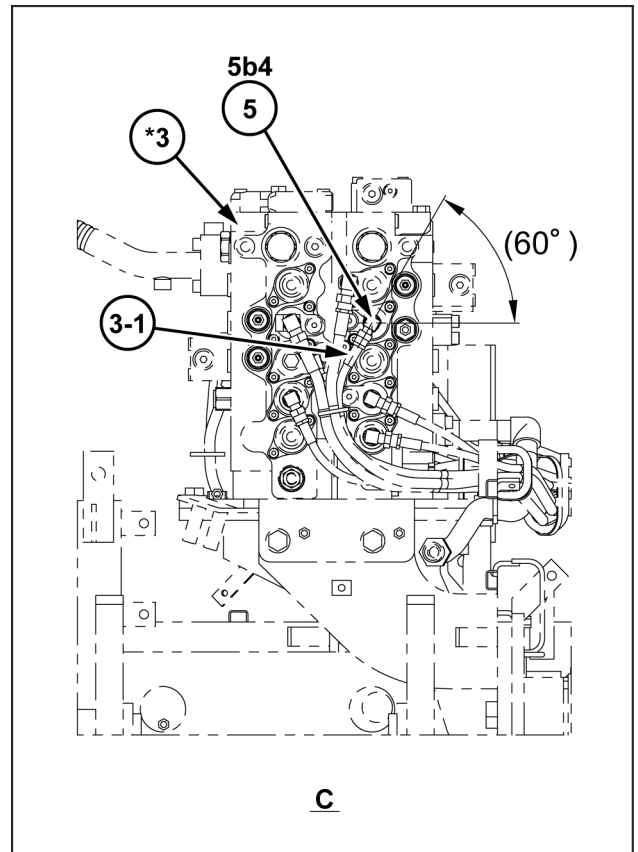
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6. Instale el adaptador para manguera (2) en el colector (1).
7. Coloque la junta tórica (4) en el adaptador para manguera (2) e instale la manguera hidráulica (15).
  - Par de apriete: **157 - 193 N·m (115.8 - 142 lb ft)**



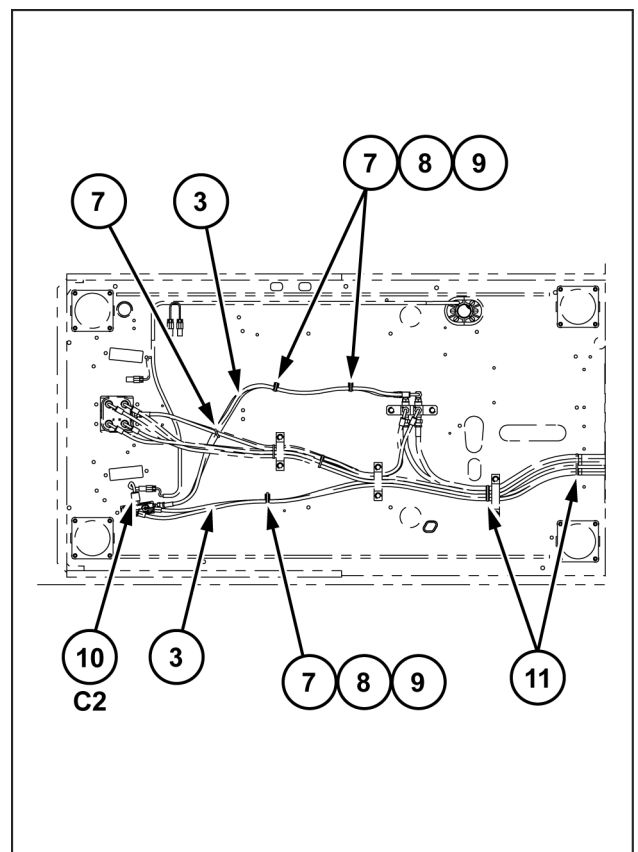
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14. Conecte el codo largo (5) en la toma 5b4 (\*3) de la válvula de control.
15. Conecte la toma B de la válvula de control remoto (\*1) y la toma 5b4 de la válvula de control (\*3) con la manguera de nailon (3-1).
16. Instale el codo largo (5) con el ángulo horizontal de unos 60 ° hacia abajo.



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17. Sujete la manguera del conjunto (3) procedente de la válvula de control remoto (\*1) con 3 abrazaderas de montaje (8), 3 tornillos de cabeza redonda Phillips (9), y 4 bridas (7).
18. Sujete la manguera del conjunto (3) junto con el conducto de control piloto.
19. Instale el presostato (10) en la válvula de control remoto (\*1).
20. Sujete la manguera (3) con 2 bridas para cables (11).



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