



## **INSTALLATION INSTRUCTIONS**

KG2RP258-00  
**BREAKER CIRCUIT PROPORTIONAL CONTROL KIT**

**APPROXIMATE INSTALLATION TIME: 28.0 hours**

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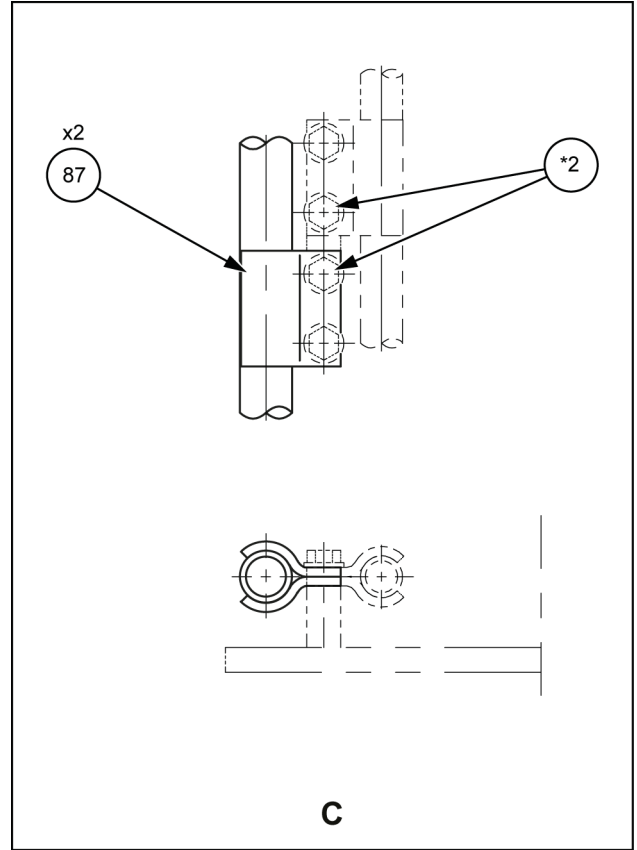
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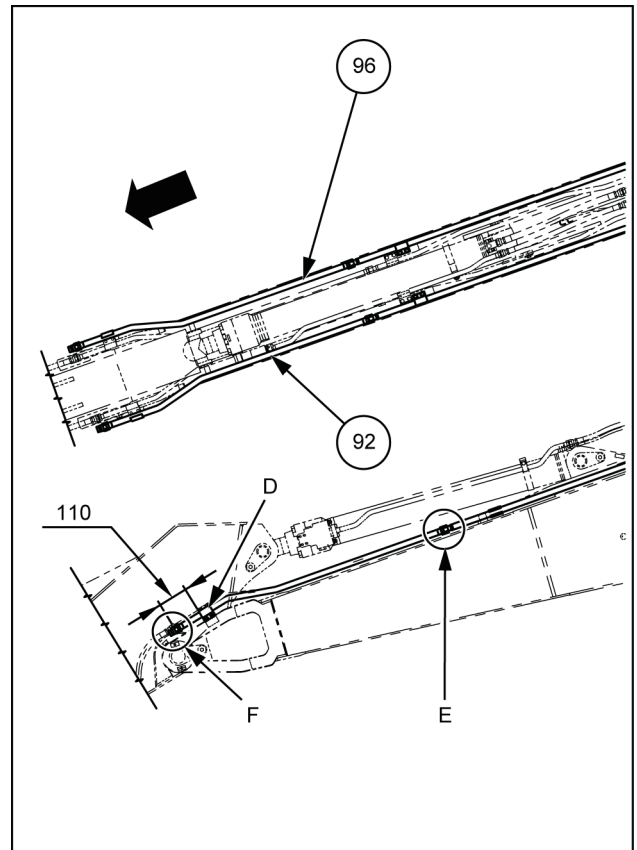
4. Sandwich the line assembly (left) **(91)** with two pipe clamps **(87)**, and then fasten with two sems bolts **(\*2)**.
  - Fasten the pipe clamp **(87)** at a position **285.0 mm (11.2 in)** from the front end of the line assembly (left) **(91)**.
5. Install the line assembly (right) **(95)** in the same way as the line assembly (left) **(91)**.



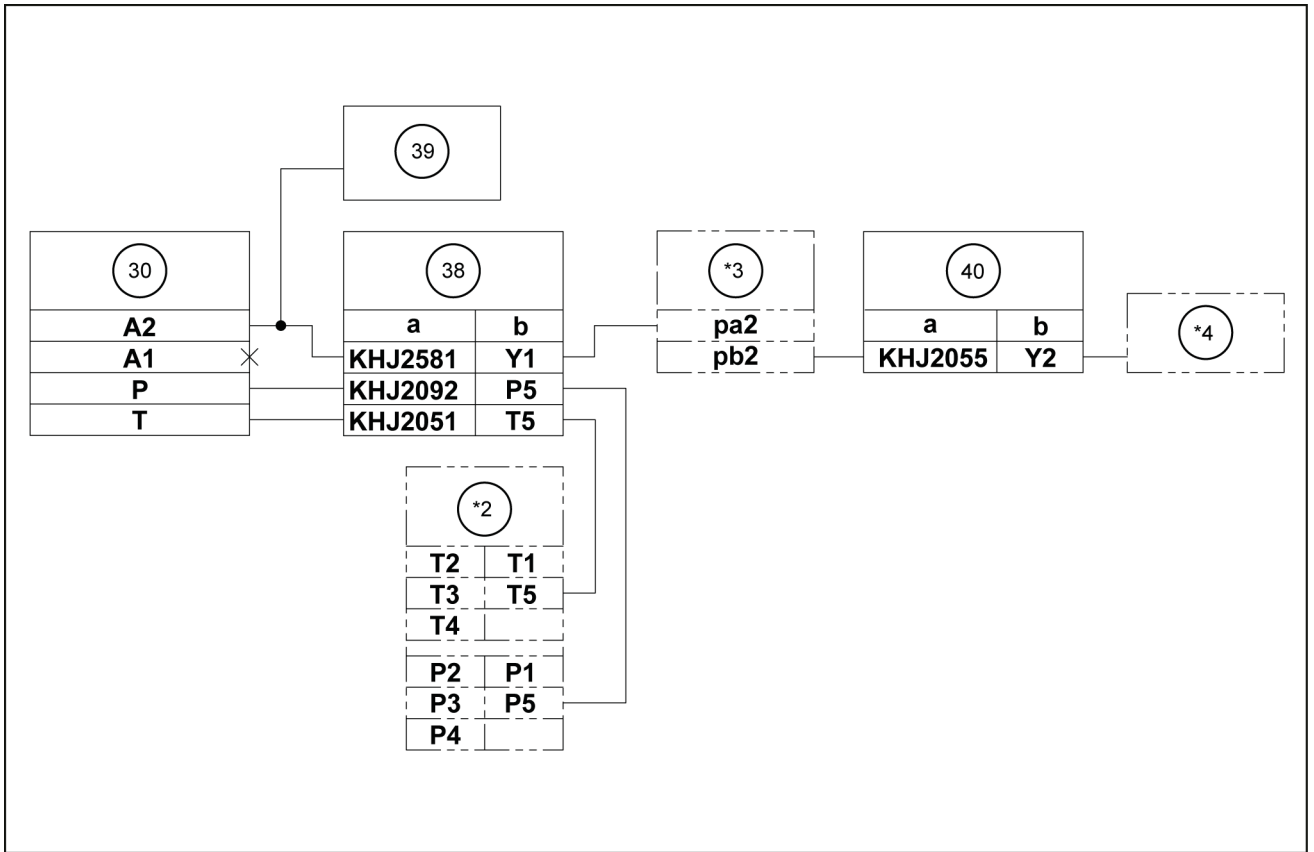
SMIL15CEX2470BB 5

**Line assemblies (92) and (96)**

1. Set the line assembly (left) **(92)**.



SMIL15CEX2831BB 6

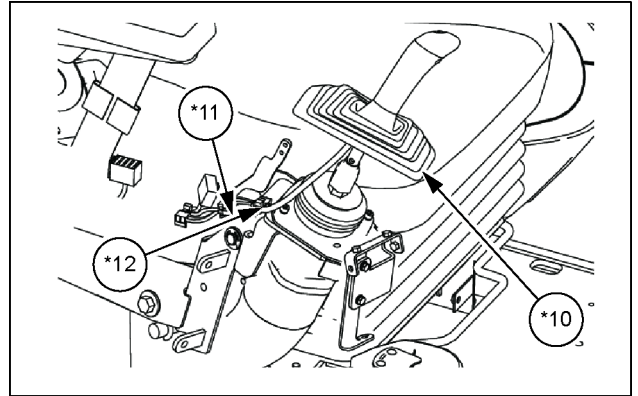


SMIL15CEX2509FB 3

- a. Hose assembly
- b. Code
- \*1. Floor

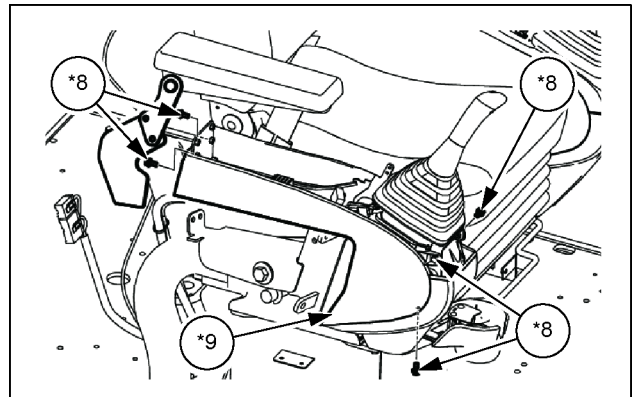
- \*2. Manifold
- \*3. Control valve
- \*4. Hydraulic tank

2. Install the horn switch connector (\*11), bundle with the wire band (\*12), and then cover the control lever boot (\*10).



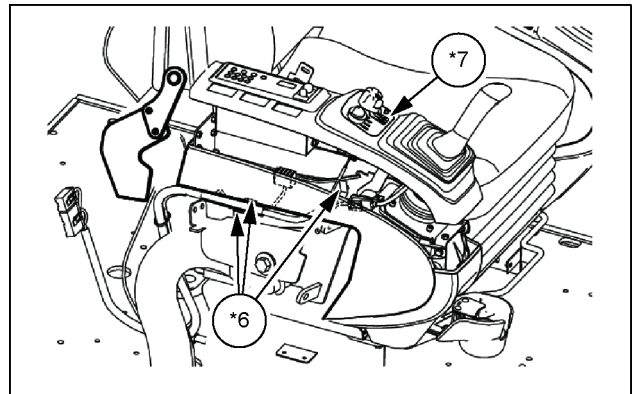
SMIL14II00174AB 9

3. Use a Phillips screwdriver or box wrench 10 mm to install the cover (\*9) with 5 bolts (\*8).



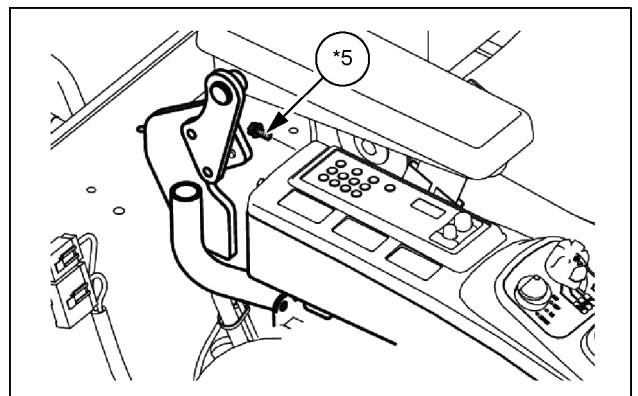
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4. Install the connectors (\*6) and install the console top cover (\*7).



SMIL14II00176AB 11

5. Use the Phillips screwdriver to install the 2 screws (\*5) of the console top cover.



SMIL14II00177AB 12

# 1 - SATZINHALT

## Satzinhalt

**HINWEIS:** Bitte ziehen Sie für die Bestellung von Teilen das Teilehandbuch heran.

### Steuerhebel (rechts) (siehe 3-21)

Gegenstand	Beschreibung	Anzahl	Teilereferenz
1	Knopf (rechts), Proportionalregelung	1	KHJ28550

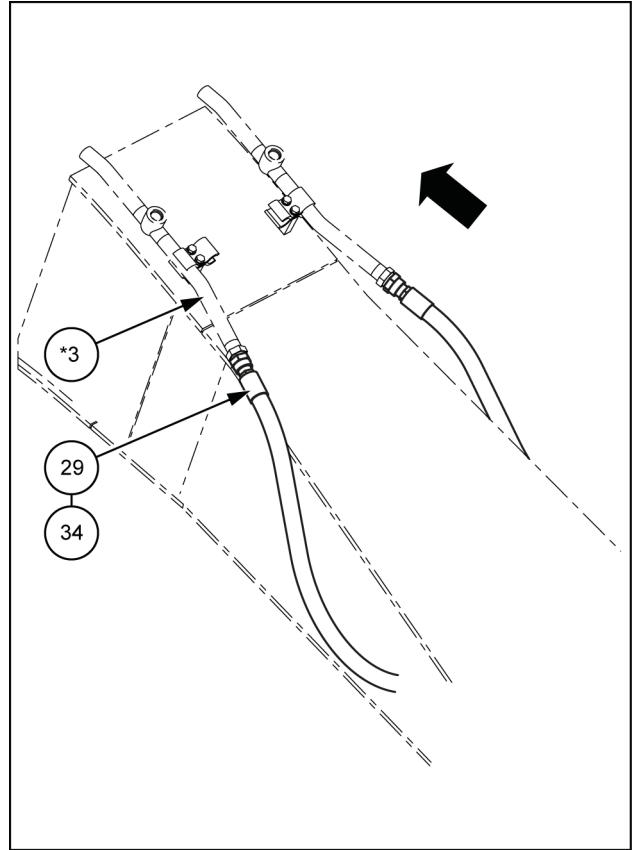
### Schutzhauptschaltkreis (siehe 3-5)

Gegenstand	Beschreibung	Anzahl	Teilereferenz
24	Hydraulikschlauch	1	KRJ36930
25	O-Ring	1	KHJ0914
26	Geteilter Flansch G1	2	KRJ2682
27	Innensechskantschraube M10x30	4	108R010Y030R
28	Schlauchadapter	3	KHJ1349
29	O-Ring	5	KHJ1361
30	Halterung	1	KRJ11470
31	Schraube mit unverlierbarer Unterlegscheibe M12x30	12	105R012Y030R
32	Überdruckventil	1	KHJ15050
34	Hydraulikschlauch	2	KSJ13741
35	Verteiler	1	KRJ16400
38	Halterung	1	KRJ16050
40	Hydraulikschlauch	1	KRJ11540
41	Winkelstück G3/4	2	KHJ0351
42	Hydraulikschlauch	1	KBJ19800
43	Winkelstück G1	1	KHJ0345
44	Winkelstück G1	1	KHJ0352
45	Kabelbinder ( L = 250 )	1	KHH0142

### Trennschalter Vorsteuerkreis, Proportionalregelung (siehe 3-12)

Gegenstand	Beschreibung	Anzahl	Teilereferenz
30	Reduzierventil	1	MFJ71500
31	Schraube mit unverlierbarer Unterlegscheibe M8x16	2	105R008Y016R
32	Halterung	1	KHJ28770
33	Schraube mit unverlierbarer Unterlegscheibe M10x20	2	105R010Y020R
34	Schlauchadapter G1/4	1	KNJ0758
35	T-Stück G1/4	1	KAJ3807
36	Stopfen G1/4	1	KHJ0363
37	Nippel mit Filter G1/4	1	CNA0584
38	Baugruppenschlauch	1	KBJ22350
39	Drucksensor	1	KHR26940
40	Baugruppenschlauch	1	KBJ22360
41	Winkelstück	1	KHJ28880
42	Winkelstück	1	KHJ28690
43	Kabelbinder ( L = 300 )	7	KHH0143
45	Schlauchadapter G1/4	1	KNJ0758
46	Winkelstück G1/4	2	KHJ28580
47	Befestigungsschelle	4	KHR0319
48	Kreuzschlitzschraube ( M6x8 )	4	145N006S008R
49	Kabelbinder ( L = 250 )	4	KHH0142

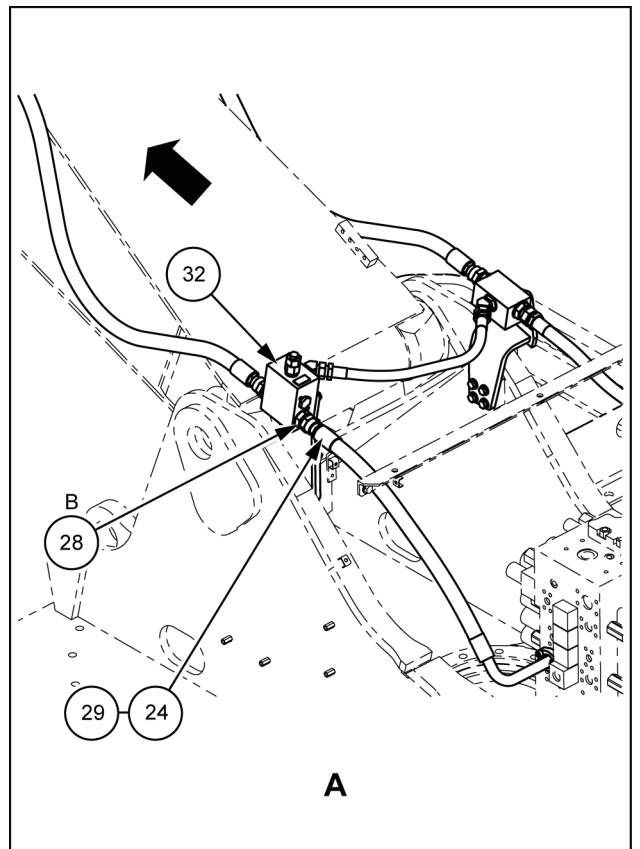
3. Bringen Sie den O-Ring **(29)** am Hydraulikschlauch **(34)** an, und schließen Sie die Leitungsbaugruppe (links) **(\*3)** an.



SMIL15CEX2478BB 4

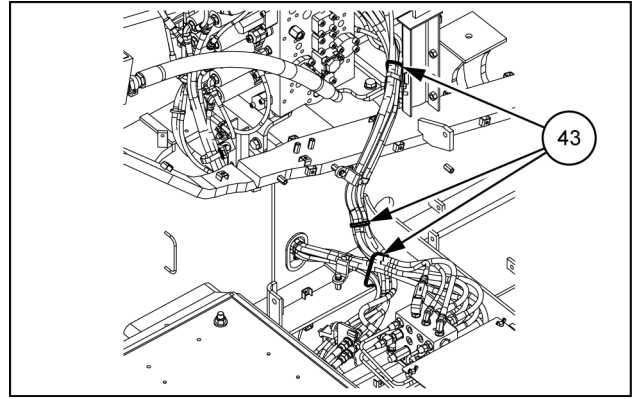
4. Montieren Sie den Schlauchadapter am Überdruckventil **(28)**, Anschluss B **(32)**.

Bringen Sie den O-Ring **(29)** am Schlauchadapter **(28)** an, und montieren Sie den Hydraulikschlauch **(24)**.



SMIL15CEX2479BB 5

11. Befestigen Sie den Baugruppenschlauch mit drei Kabelbindern (43).



SMIL15CEX2834AB 13

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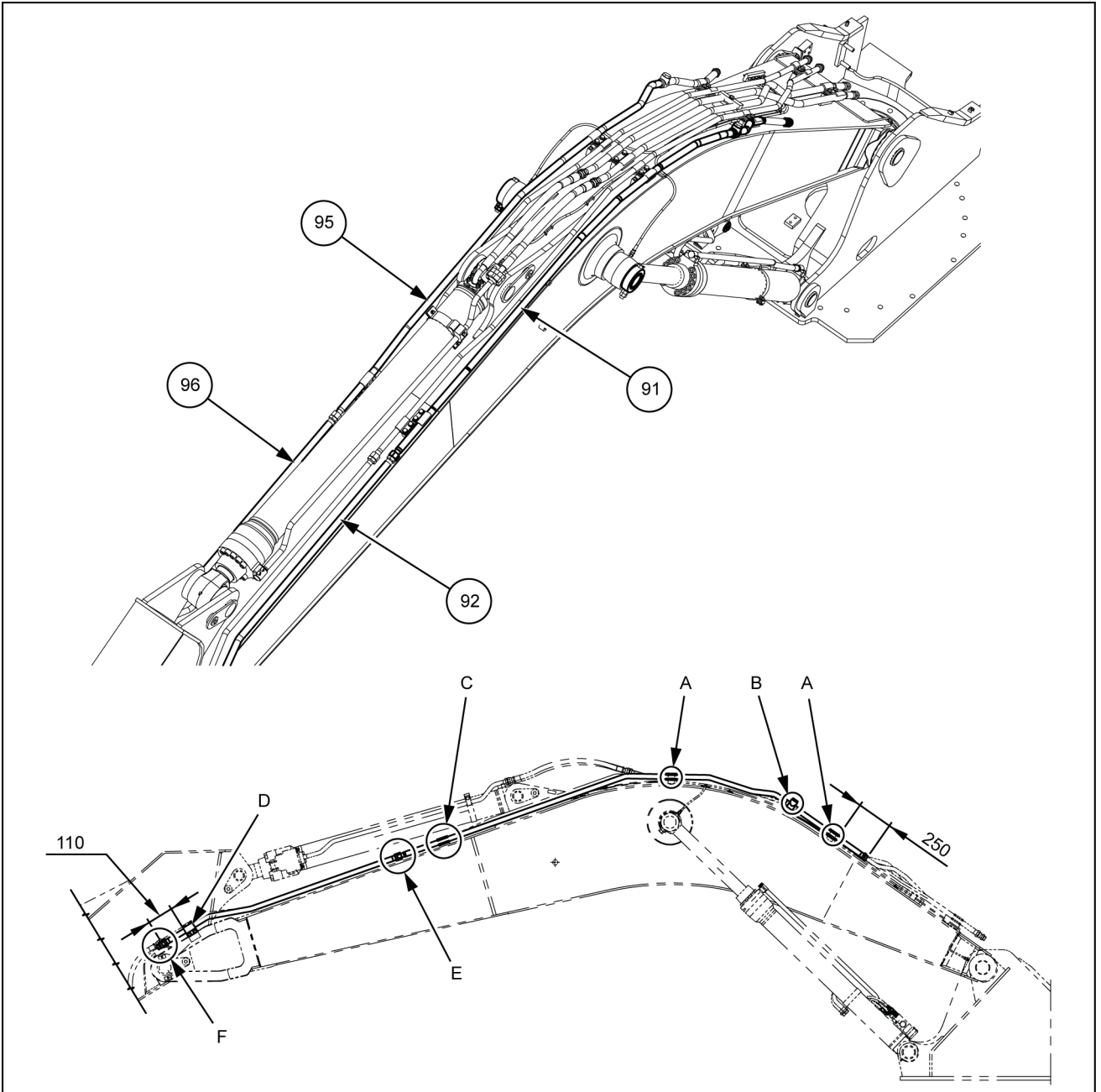
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### 3 - ASSEMBLAGE

#### KIT DE COMMANDE PROPORTIONNELLE DE CIRCUIT DE CONCASSEUR

#### Pose des conduites de flèche



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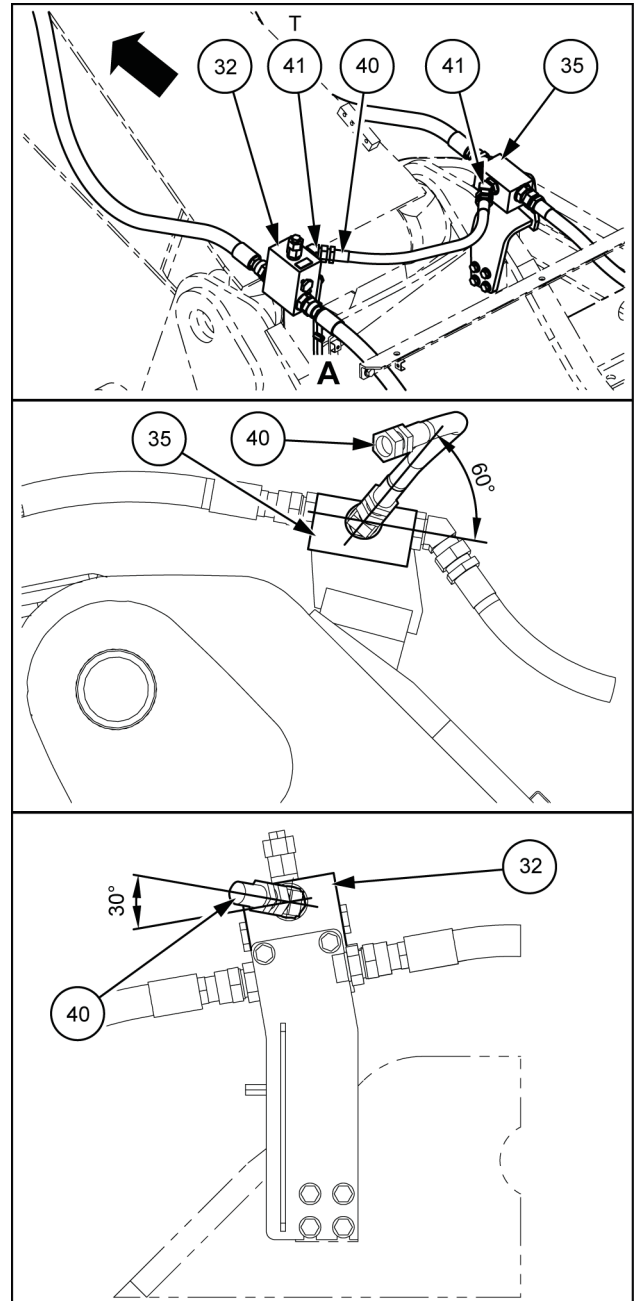
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6. Mettre en place le coude (41) sur l'orifice T de la soupape de décharge (32).  
Poser le coude (41) sur le côté clapet de décharge du collecteur (35).  
Connecter l'orifice T du clapet de décharge (32) et le côté clapet de décharge (35) du collecteur au moyen du flexible hydraulique (40).

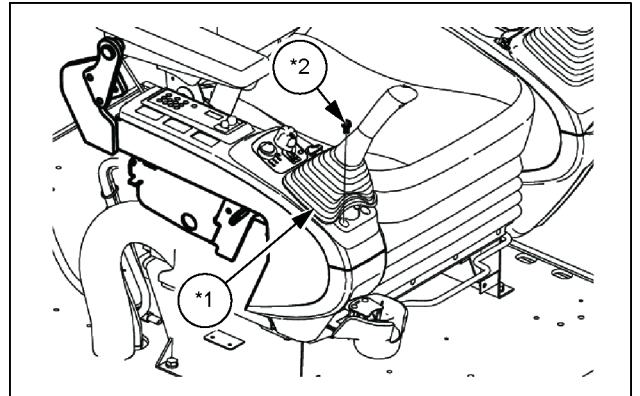


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## Installation du levier de commande

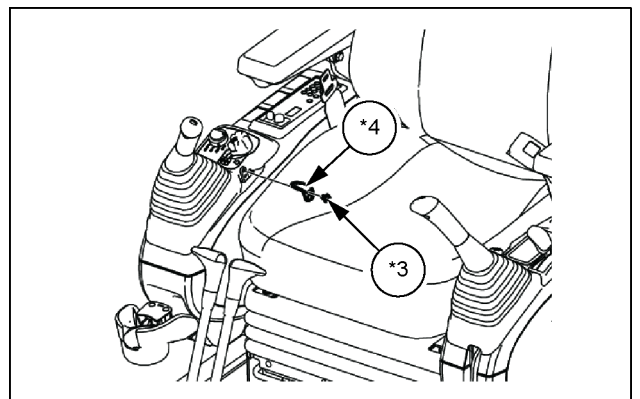
### Dépose du levier de commande (côté droit)

1. Relever le soufflet (\*1) du levier de commande et utiliser un tournevis cruciforme ou une clé polygonale de **10 mm** pour déposer les 2 vis (\*2) situées sur le couvercle supérieur de la console.



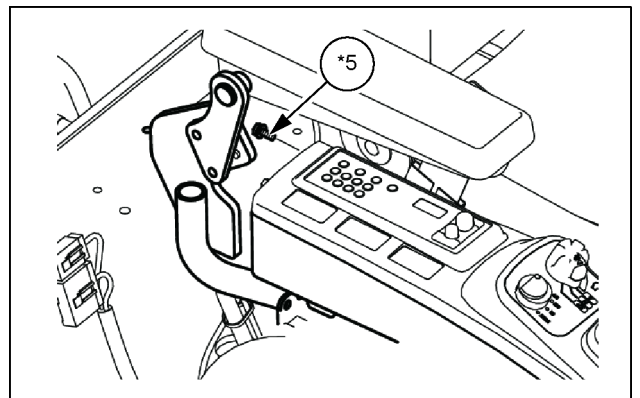
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2. Utiliser le tournevis cruciforme pour déposer les 2 vis (\*3), puis déposer la poignée du levier d'inclinaison (\*4).



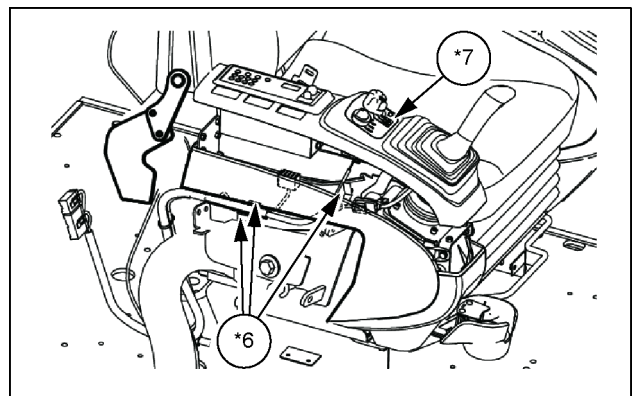
SMIL14II00168AB 2

3. Utiliser le tournevis cruciforme pour déposer les 2 vis (\*5) du couvercle supérieur de la console.



SMIL14II00169AB 3

4. Déposer les connecteurs (\*6) et le couvercle supérieur de la console (\*7).



SMIL14II00170AB 4

# Contenuto

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## 2 PRE-ASSEMBLAGGIO

### OPERAZIONI PRELIMINARI PER IL MONTAGGIO

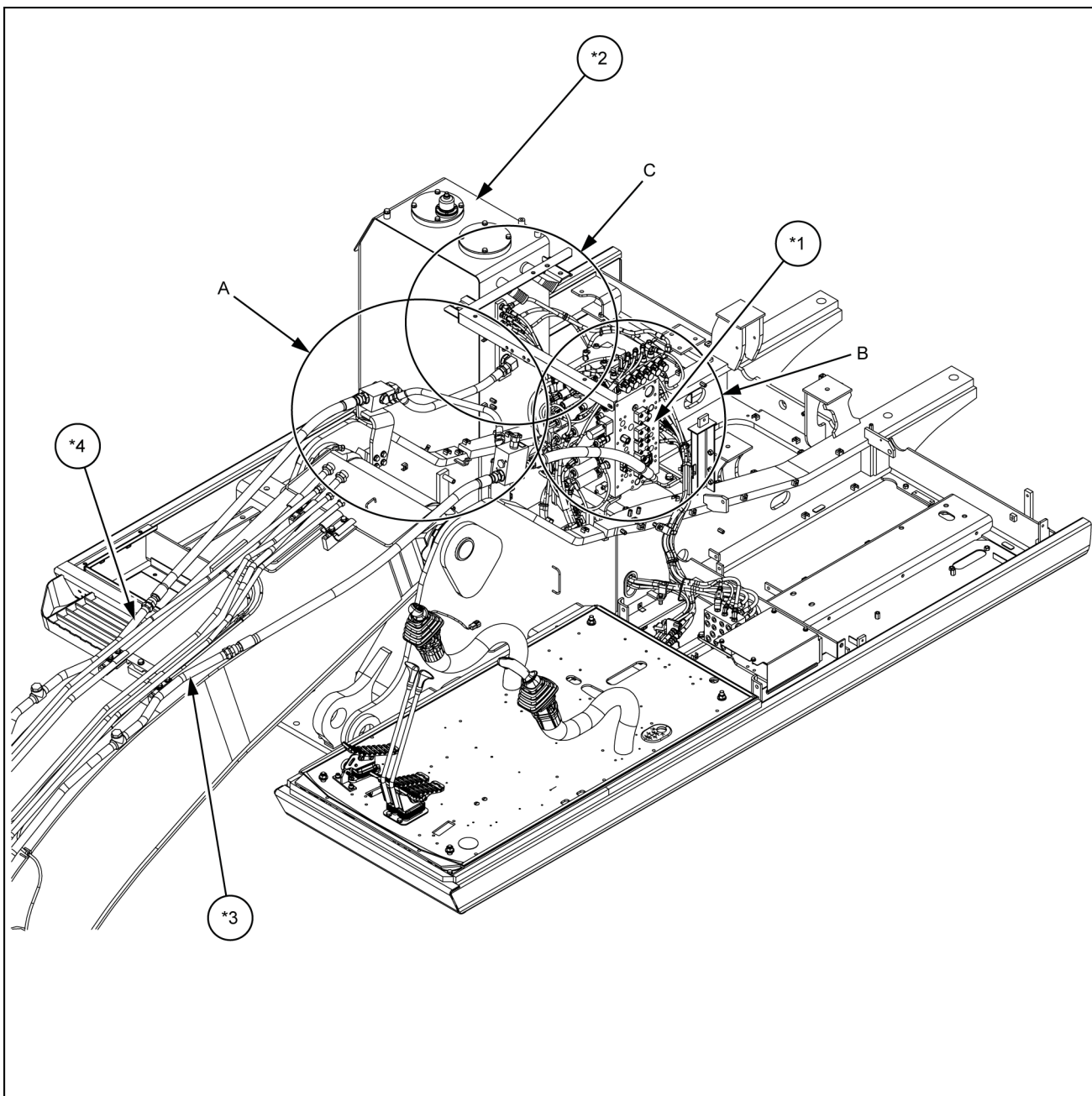
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## 3 MONTAGGIO

### KIT COMANDO PROPORZIONALE CIRCUITO INTERRUTTORE

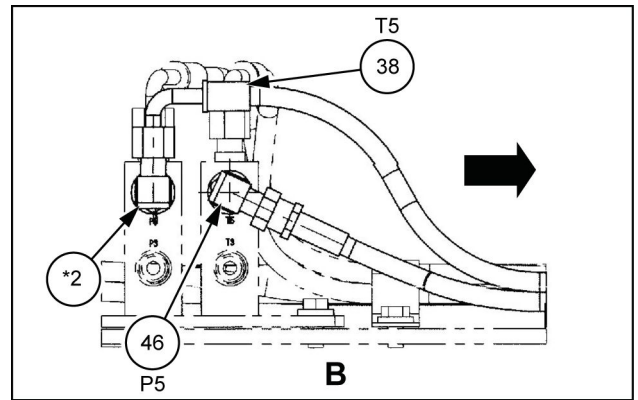
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## Montaggio della tubazione principale superiore



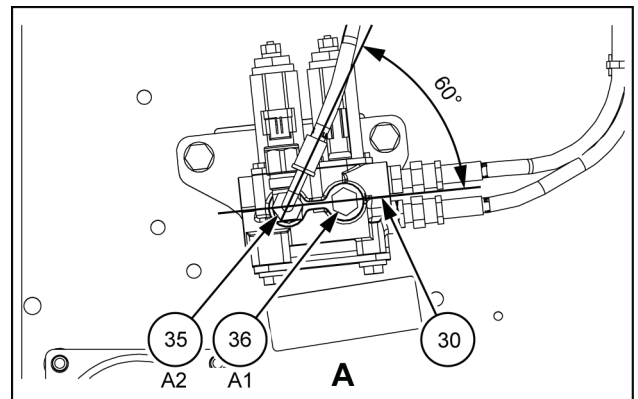
SMIL15CEX2475GB 1

6. Montare il gomito (**46**) sul collettore (**\*2**), luce P5. Collegare la valvola di riduzione (**30**), luce P, e il collettore (**\*2**), luce P5, con il tubo flessibile del complessivo (**38**) (P5).



SMIL15CEX2515AB 8

7. Montare il tappo (**36**) sulla valvola di riduzione (**30**), luce A1. Montare il raccordo a T (**35**) sulla valvola di riduzione (**30**), luce A2.

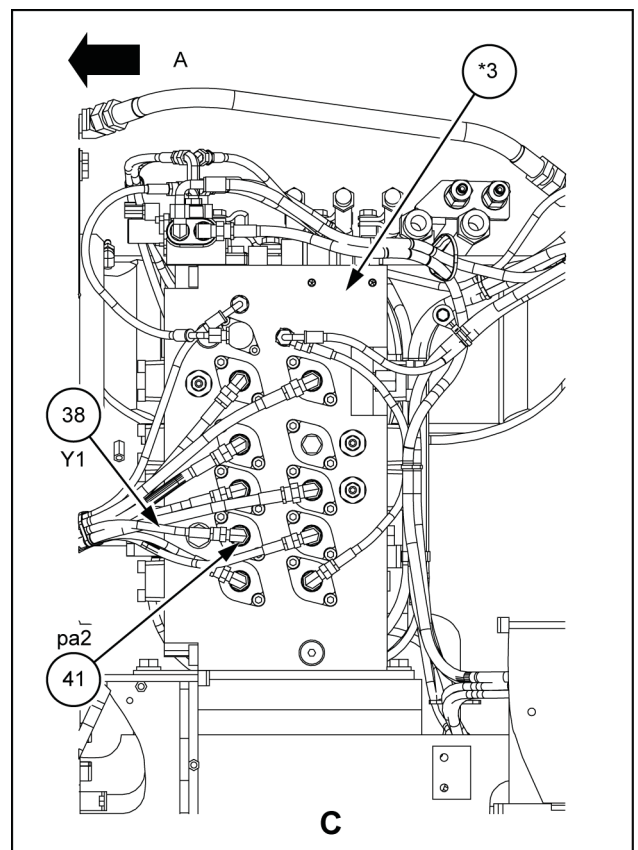


SMIL15CEX2516AB 9

8. Montare il gomito (**41**) sul distributore idraulico (**\*3**), luce pa2. Collegare la valvola di riduzione (**30**), luce A2, e il distributore idraulico (**\*3**), luce pa2, con il tubo flessibile del complessivo (**38**) (Y1).

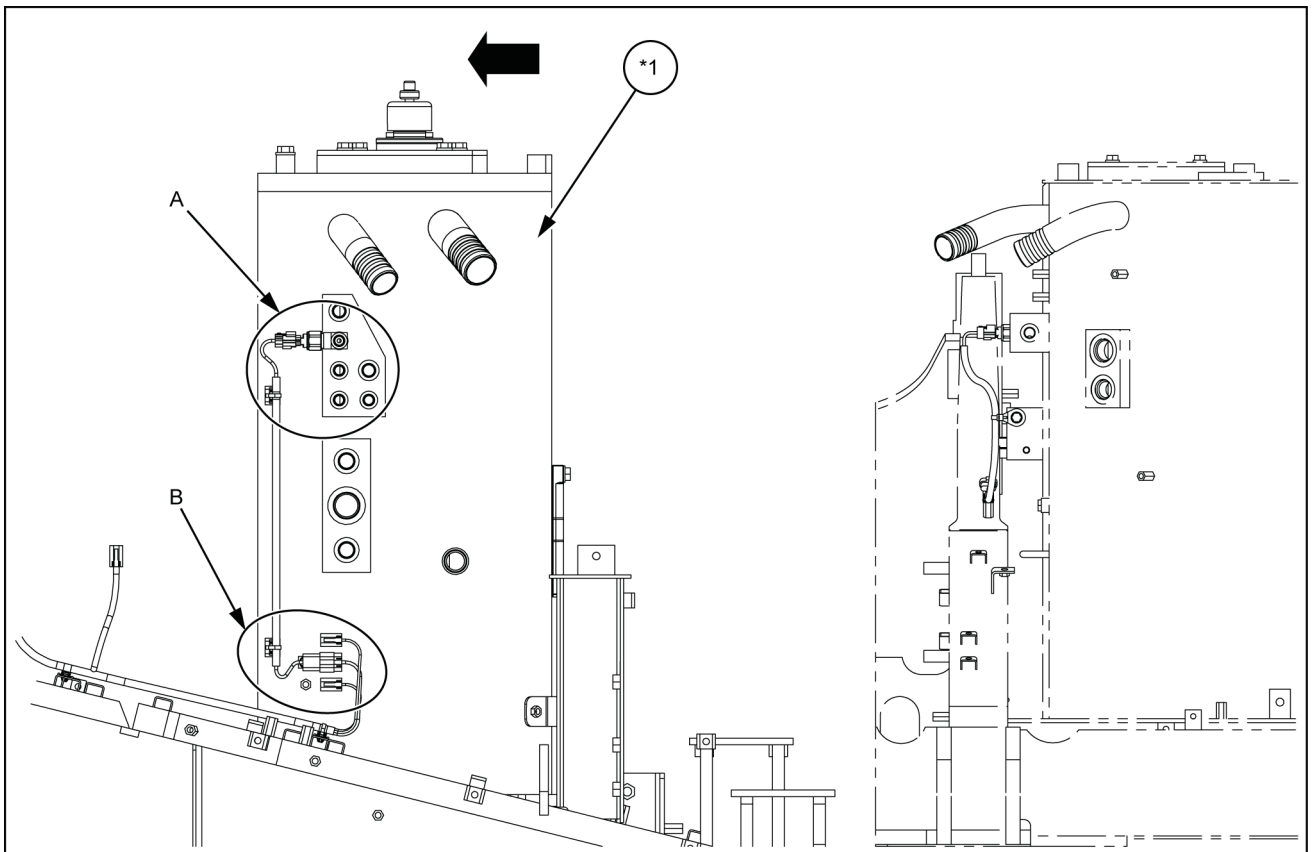
A. Lato sinistro

- Montare il gomito (**41**) con l'angolo orizzontale di circa **20°** verso il basso.



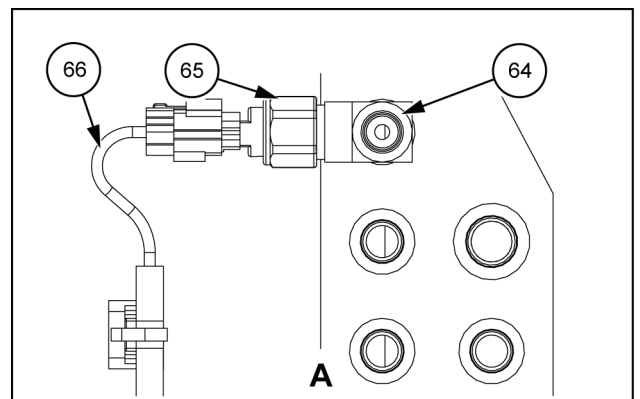
SMIL15CEX2517BB 10

## Montaggio sensore indicatore serbatoio (avvertenza ostruzione filtro)



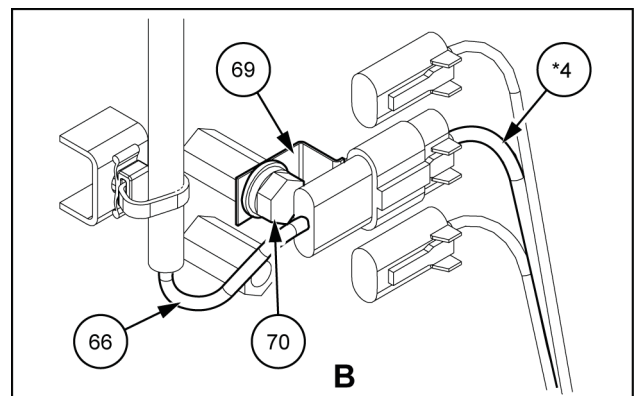
SMIL15CEX3045FB 1

1. Smontare il gomito e le tubazioni pilota P e T dal collettore del serbatoio dell'olio idraulico (\*1), quindi montare il raccordo a T (64).
2. Montare il sensore di pressione (65) sul raccordo (64). Collegare il cablaggio del sensore (66) al pressostato (65).



SMIL15CEX2527AB 2

3. Collegare il cablaggio del sensore (66) al cablaggio principale del telaio (\*4). Fissare il cablaggio del sensore (66) con il bullone speciale (70) e il fermo (69).



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## 2 - PREENSAMBLADO

### PREPARACIÓN PARA MONTAJE

#### Preparación

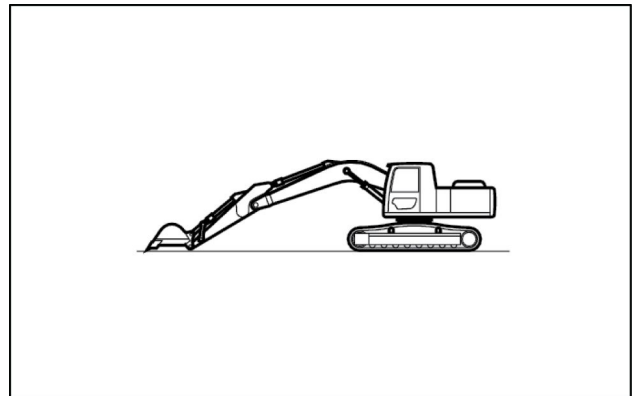
En este documento, el símbolo “\*” indica que la pieza está montada en la máquina.

Elementos necesarios:

- Llaves ( **13 mm**, **17 mm**, **19 mm**, **36 mm**, **41 mm**, **46 mm**, **50 mm**)
- Llaves hexagonales ( **8 mm**, **12 mm**)
- Destornillador Phillips (n.º 3)
- Cizallas, tijeras
- Trapo

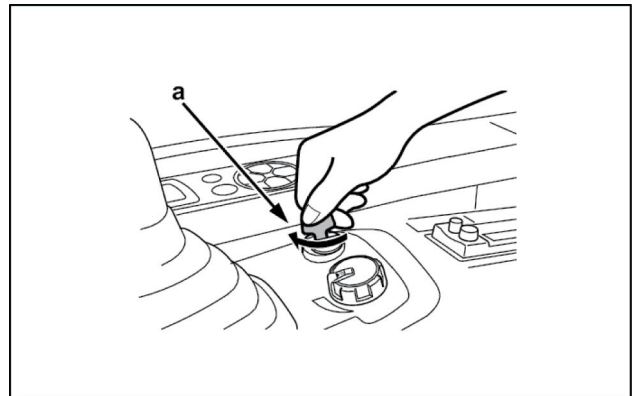
#### 1. Coloque la máquina.

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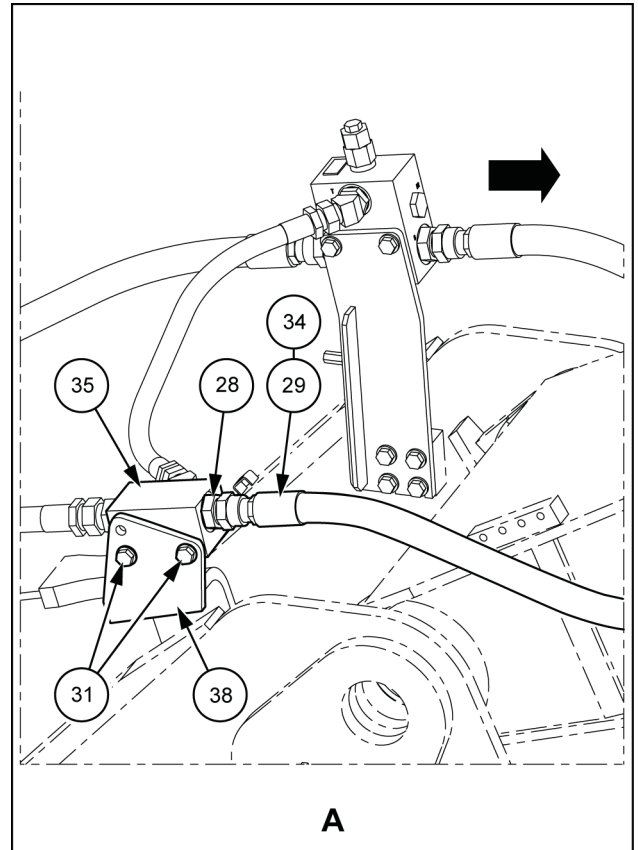
#### 2. Ponga la llave de contacto (a) en OFF, asegúrese de que se ha detenido el motor y ponga de nuevo la llave en ON. (No arranque el motor).



SMIL13II00107AA 2

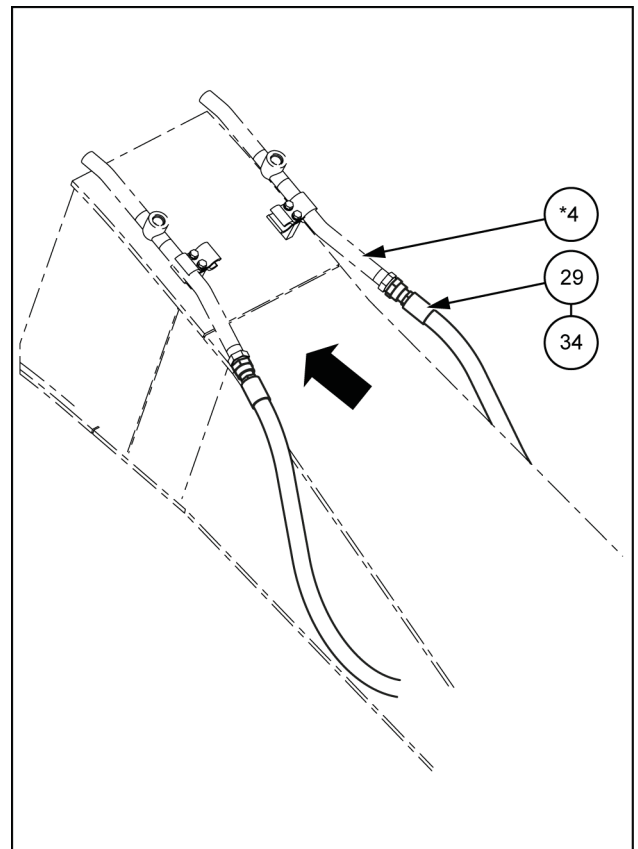
2. Instale el colector (35) en el soporte (38) con dos pernos Sems (31). Instale el adaptador para manguitos (28) en el lado de los conductos (derecha) (\*4) del colector (35).

Instale la junta tórica (29) en el adaptador (28) y, a continuación, conecte la manguera hidráulica (34).



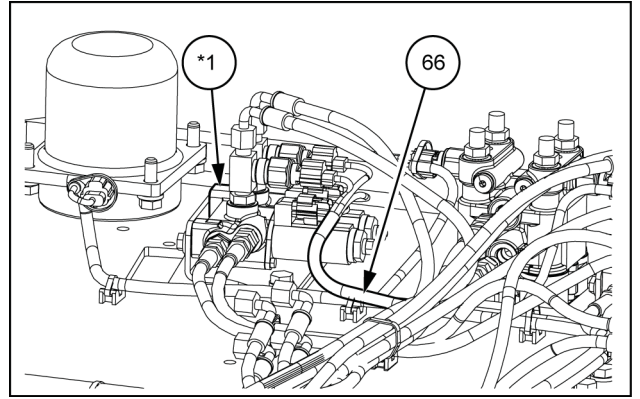
SMIL15CEX2482BB 8

3. Instale la junta tórica (29) en la manguera hidráulica (34) y conéctela al conducto (\*4).



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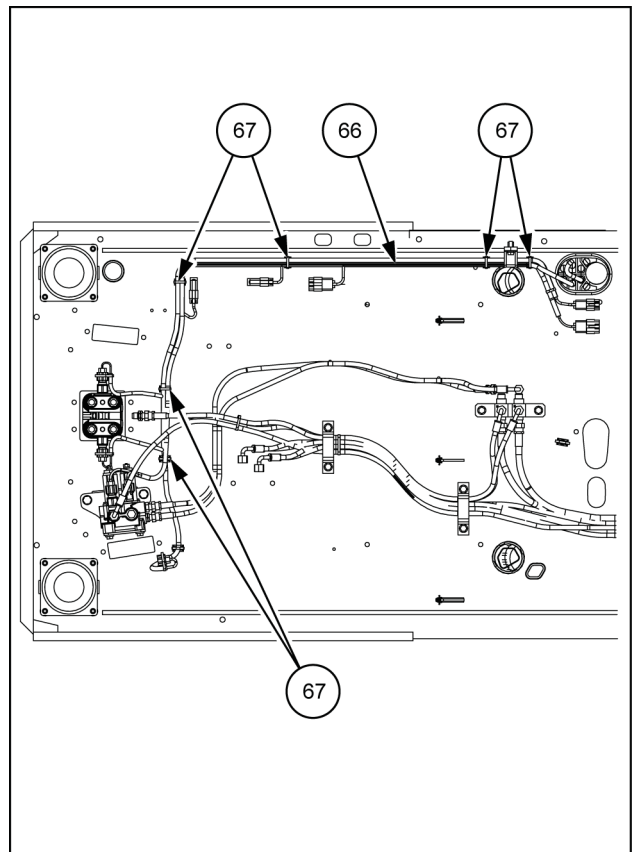
1. Conecte el mazo de cables **(66)** y la válvula reductora **(\*1)**.



SMIL15CEX2522AB 3

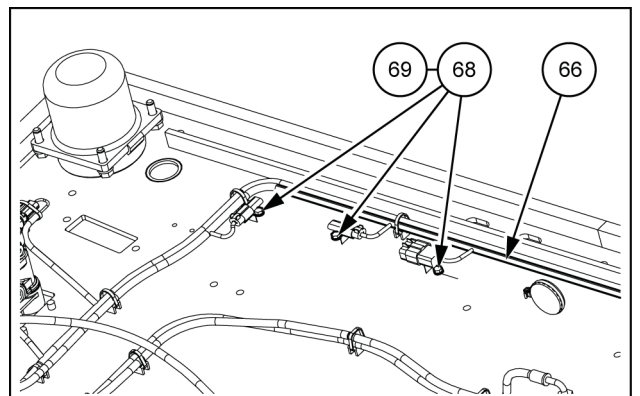
2. Dirija el mazo de cables **(66)** tal y como se muestra en el diagrama.

Fije el mazo de cables **(66)** en seis posiciones con seis bridas **(67)**.



SMIL15CEX2523BB 4

3. Fije los tres acoplamientos en el mazo de cables **(66)** con una presilla **(68)** en cada uno y un perno **(69)** en cada uno.



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