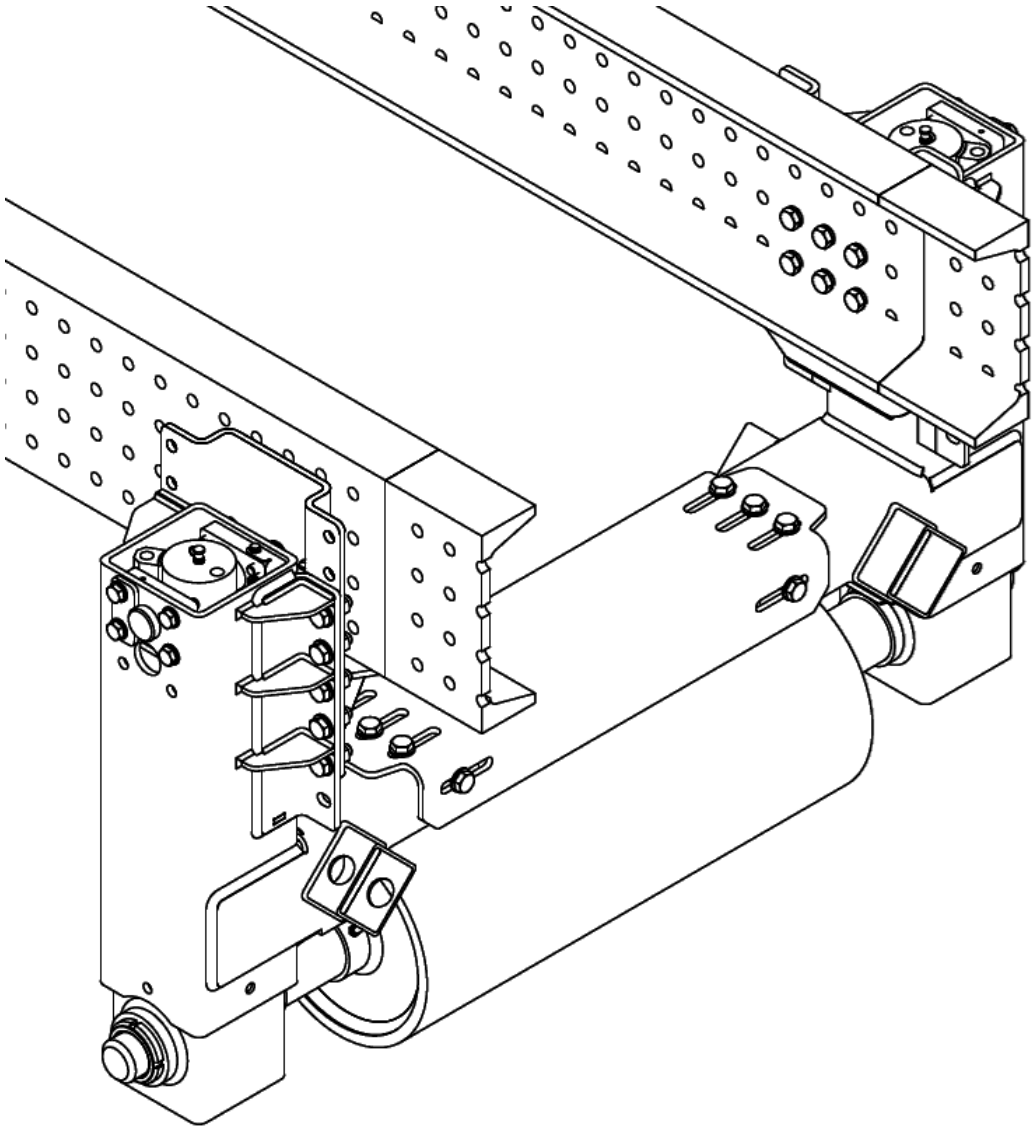
HYVA®
We move your world

VERTICAL STABILIZER

QIK
QUICK INSTALLATION KITS



MOUNTING INSTRUCTIONS

VERTICAL STABILIZER

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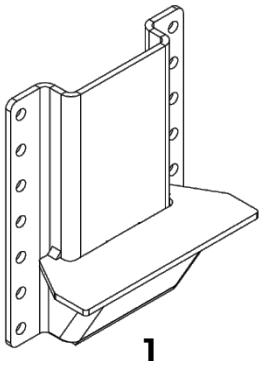
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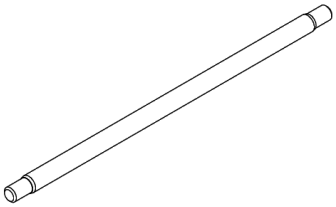
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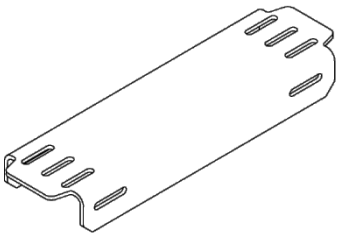
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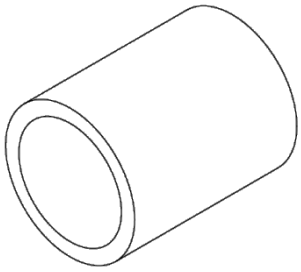
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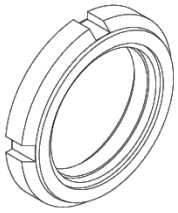
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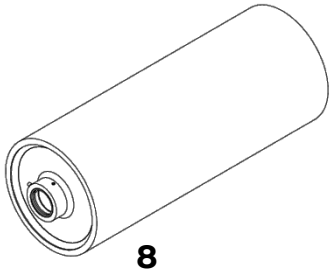
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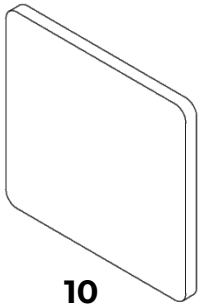
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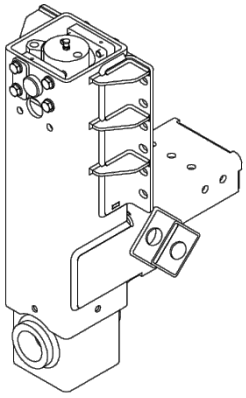
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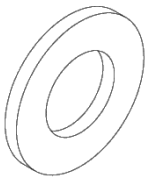
Mounting kit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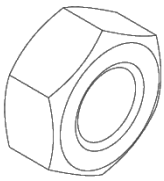
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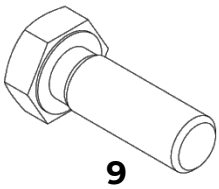
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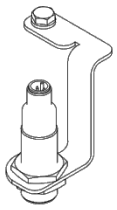
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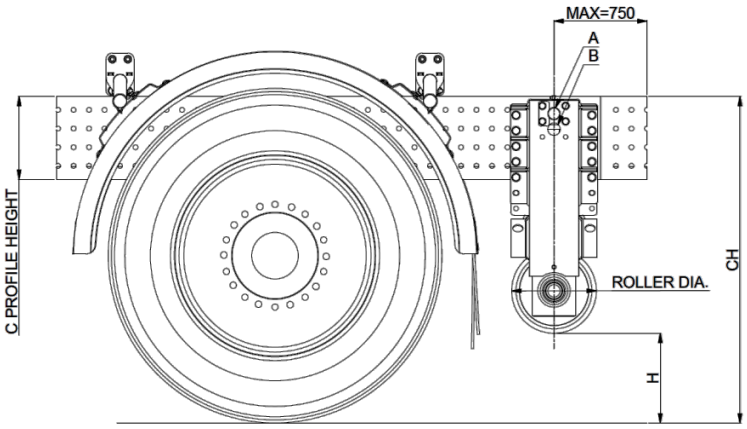
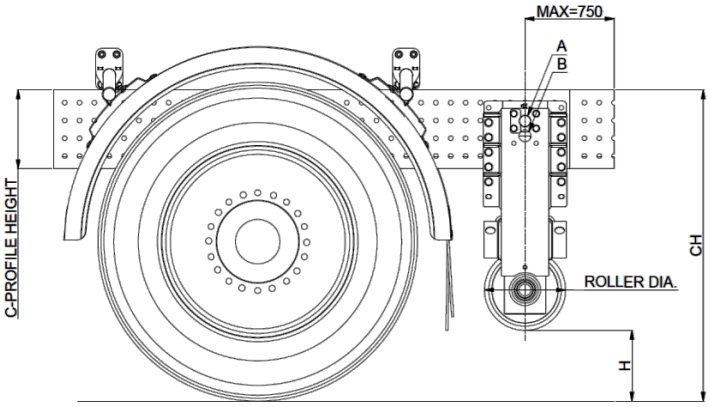
No.	Description	Qty
1	Chassis Support Assy	2
2	Main Axle	1
3	Cross Beam	1
4	Rubber Bush	2
5	Plain washer M14	60
6	Hexagonal nut M14	30
7	Locknut M52x1.5	2
8	Roller Assy	1
9	Hex Head Bolt M14x40	30
10	Filler plate	2
11	Main vertical Jack Beam Assy	2
12	Sensor Assy	1

VERTICAL STABILIZER

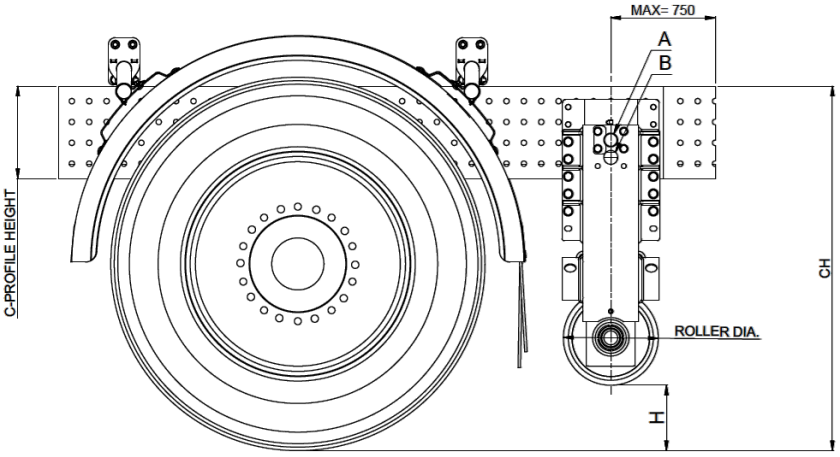
1 Define configuration of Vertical Stabilizer based on chassis conditions. Max position from rear is 750 mm.



POS 1



POS 2

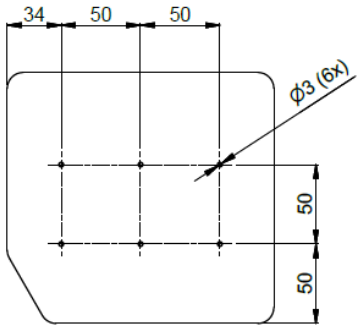


POS 3

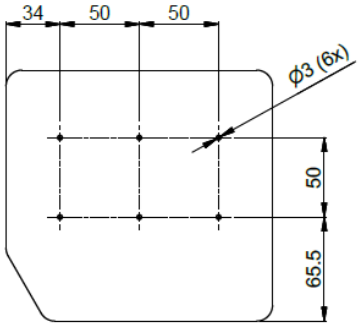
	CHASSIS HEIGHT (CH)	C-PROFILE HEIGHT	ROLLER DIA	MOUNTING TYPE	CYLINDER MOUNTING POSITION	H
CONDITION 1	1050	270	229	POS 1	A	310
CONDITION 2	1050	270	270	POS 1	A	290
CONDITION 3	1050	310	270	POS 1	A	250
CONDITION 4	1050	310	229	POS 1	A	270
CONDITION 5	1200	270	229	POS 3	B	310
CONDITION 6	1200	270	270	POS 3	B	290
CONDITION 7	1200	310	270	POS 2	B	300
CONDITION 8	1200	310	229	POS 2	B	320
CONDITION 9	1200	310	270	POS 2	B	300

VERTICAL STABILIZER

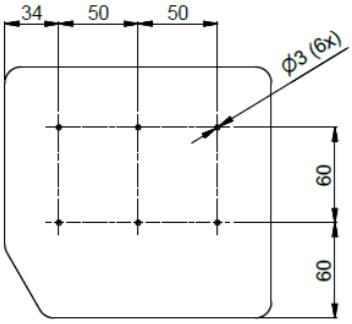
2 Drill the holes according to filler plate. Predrilled holes are in place for Volvo, Mercedes, DAF, Iveco, Scania, etc.



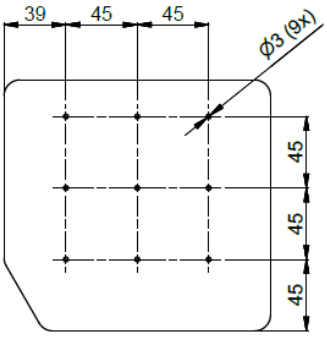
DAF



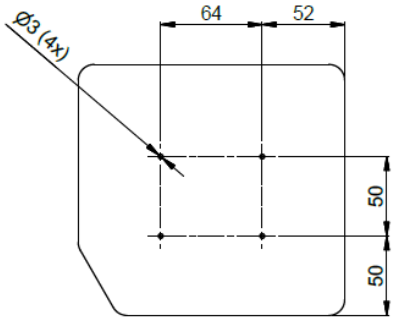
MERCEDES



VOLVO

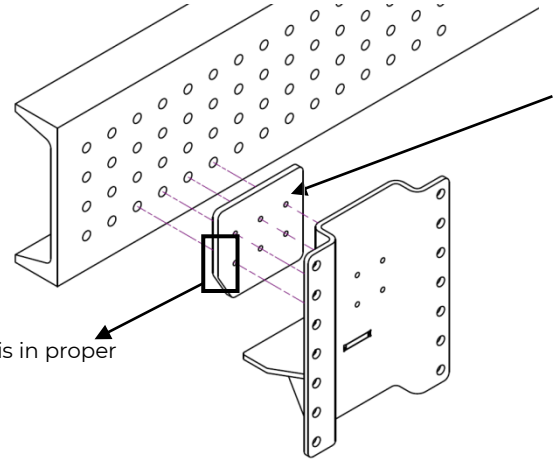


IVECO



SCANIA

3 Drill the chassis support assembly following the pattern of the filler plate.



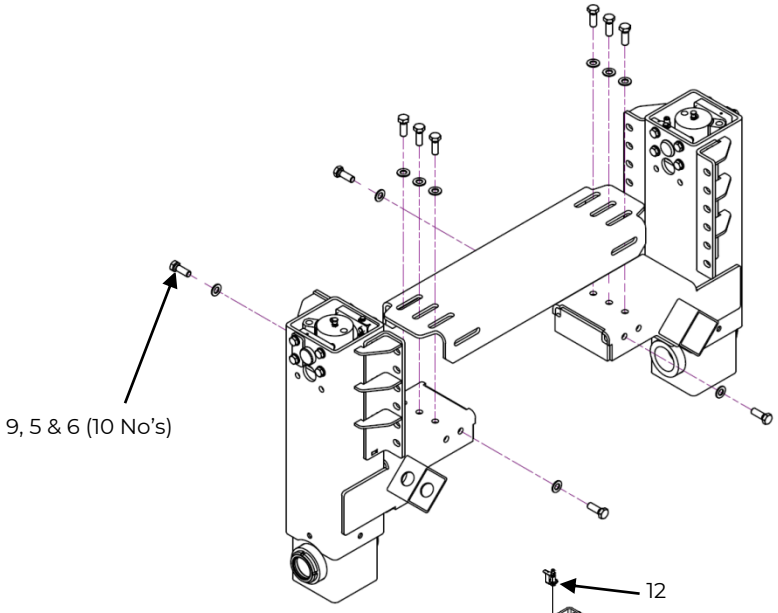
Mark and drill after removing the filler plate

Make sure that the filler plate is in proper orientation using the chamfer

VERTICAL STABILIZER

4 Pre-assemble Roller, axle, main beam, rubber bush and cross member

1



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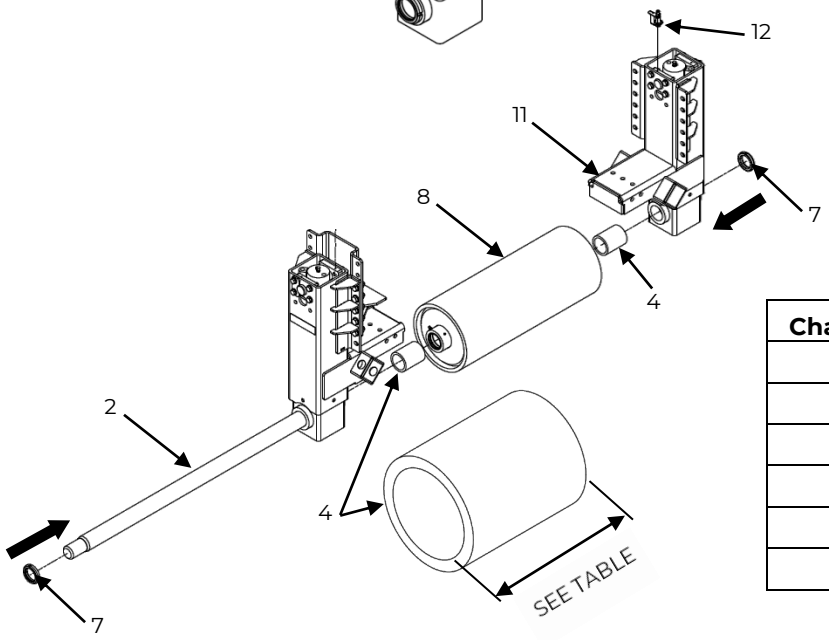
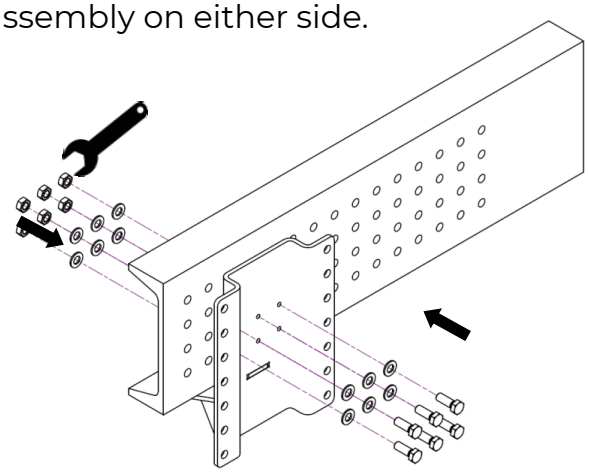


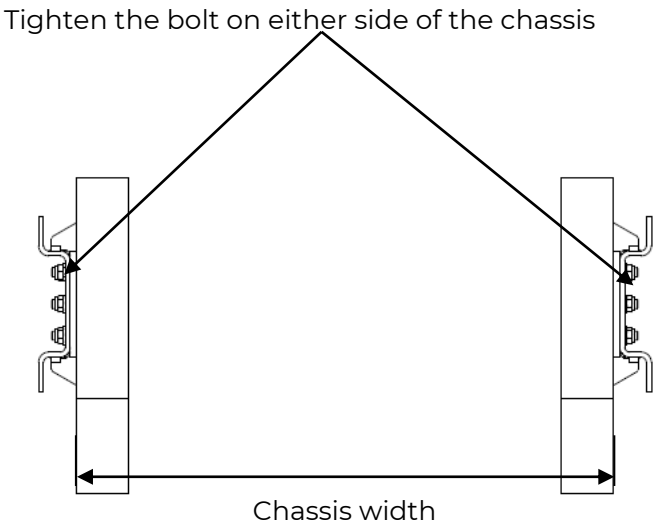
Cut to dimension rubber bush (4) based on the chassis width

Chassis width	Rubber bush(4) width
760	53
762	54
765	55.5
770	58
790	68
850	98

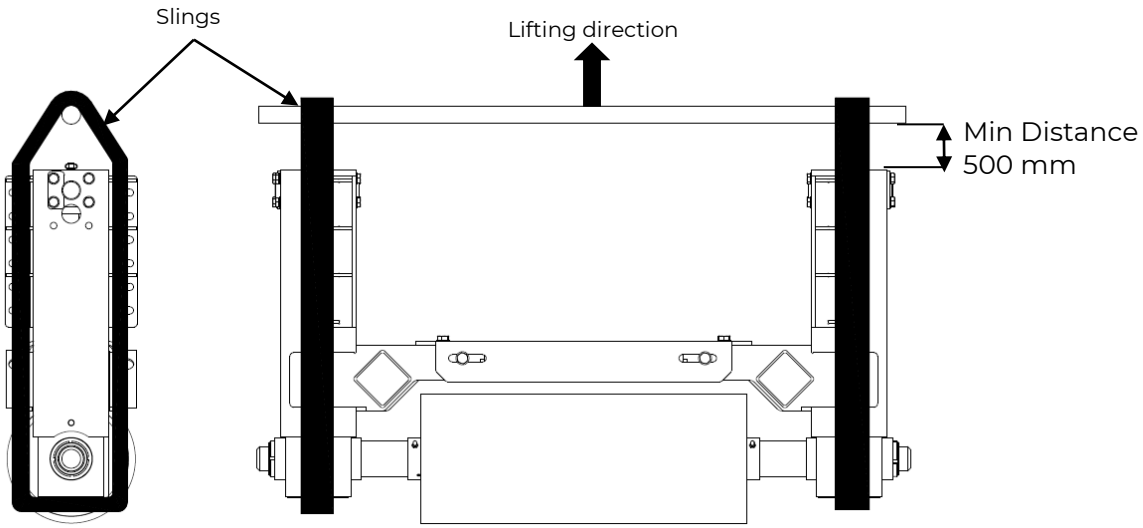
5 Bolt the filler plate and chassis support assembly on either side.

89 Nm / 65 ft*lbf (Q8.8) → M14
131 Nm / 97 ft*lbf (Q10.9) → M14



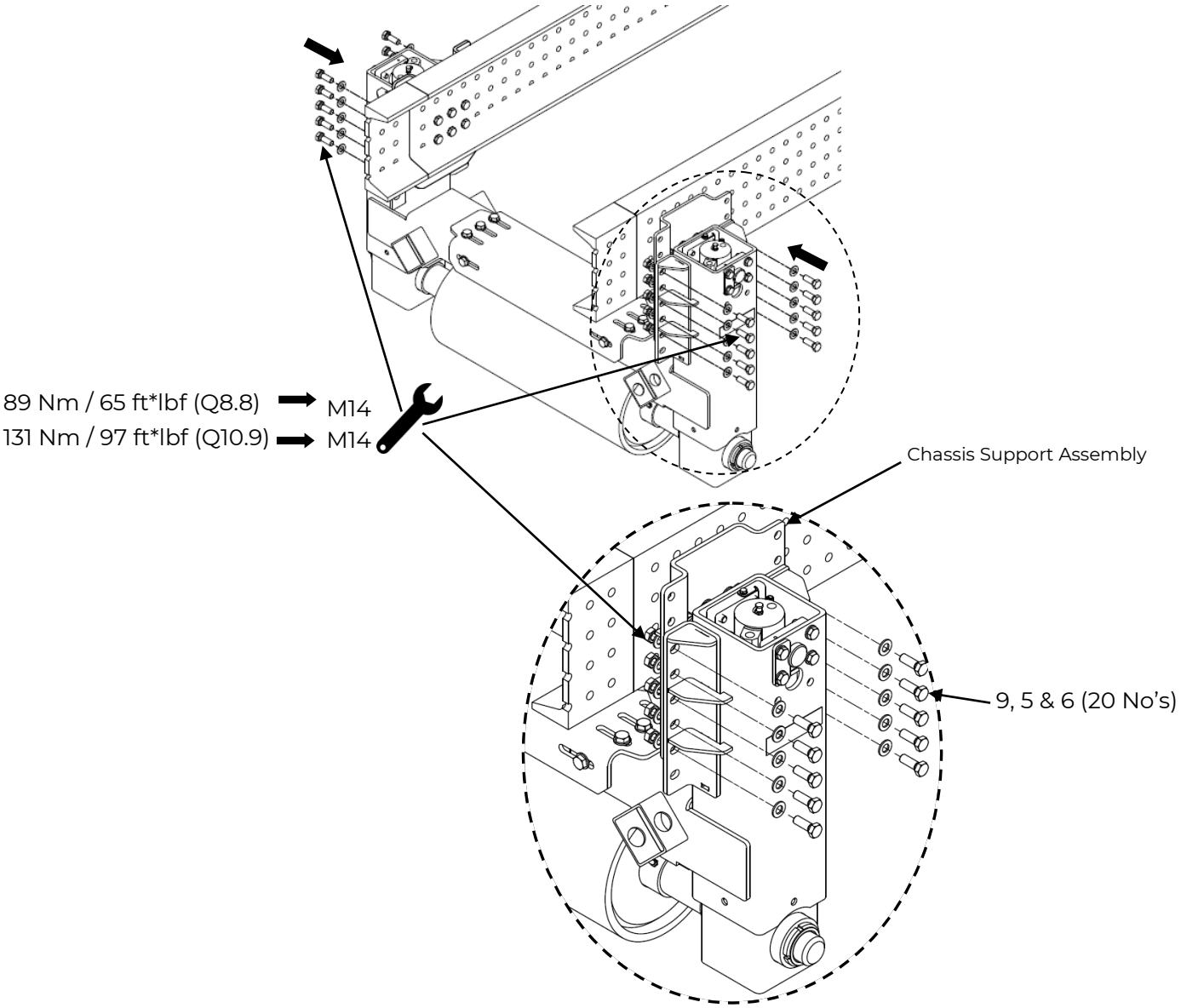


6 Lift beam assembly using stiff slings.



7 Place the assembly close to the desired position as specified in the step **1** .

8 Bolt the assembly to the chassis support assy.



9 Tight the locknuts to position using loctite. Apply torque by hand.