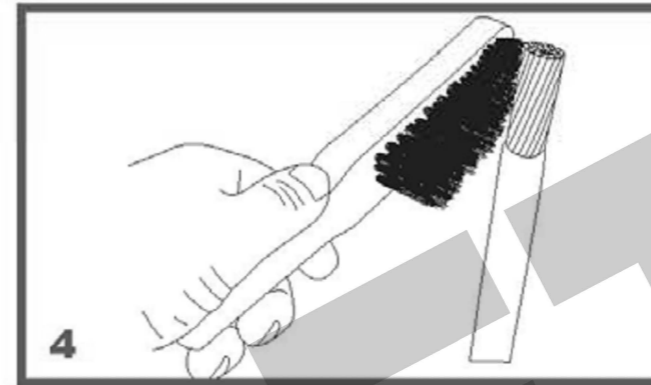
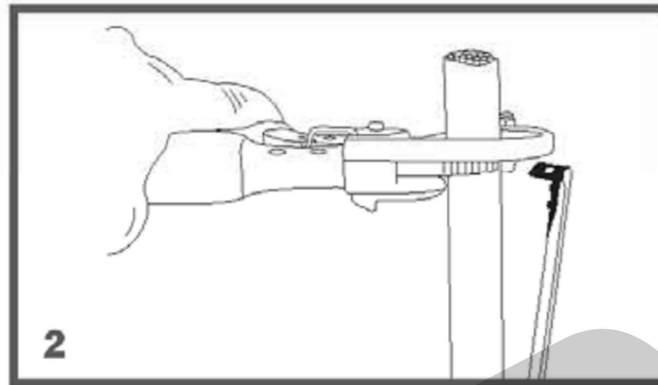


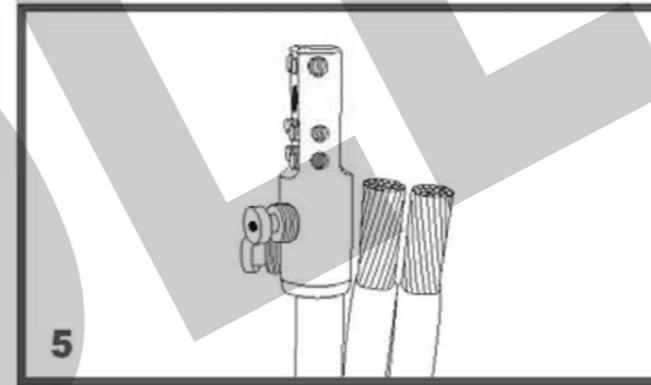
1 Set 240mm², 4 core Aluminium cables in place



4 Scratch brush each conductor



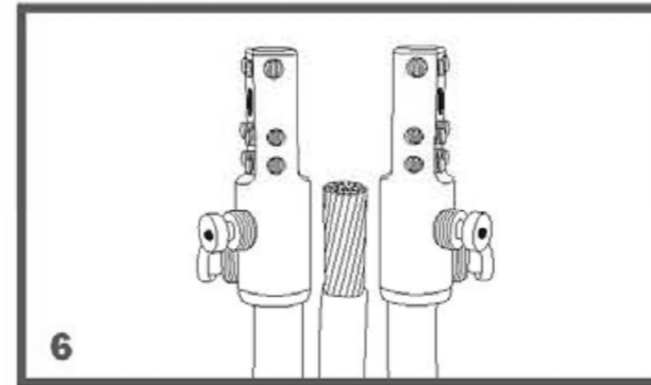
2 Cut conductor 390mm from the top of the pillar base



5 Position first bolted lug onto the conductor with shear heads facing out



3 Strip top of the conductor 50mm and remove insulation



6 Position second bolted lug onto the conductor with shear heads facing out

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	OBSOLETE	A.N.	AUG'21	A.N.	B.V.
0	ISSUED FOR CONSTRUCTION	J.C.	NOV'07	B.C.	S.C.
AMENDMENTS					

PowerWater
NORTHERN TERRITORY

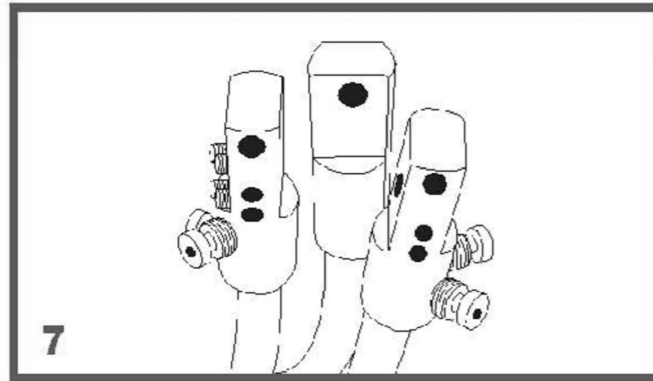
DES	B.C.
DRN	J.C.
CKD	B.C.
APPD	S.C.
SCALE	N.T.S.
ISSUED	NON'07
ALL DIM. IN	mm
DRAFTING STANDARD TO A.S.1100	

3 WAY URD BOLTED CONNECTION
ASSEMBLY INSTRUCTIONS
SHEET 1 OF 3

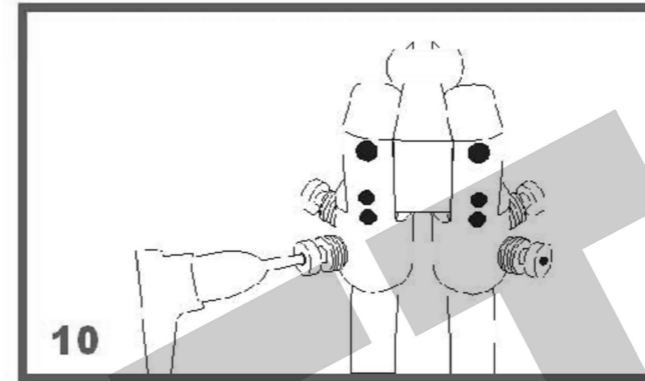
A3 DRAWING NUMBER S02-01-03-16_1

CAD PRODUCT - DO NOT AMEND MANUALLY

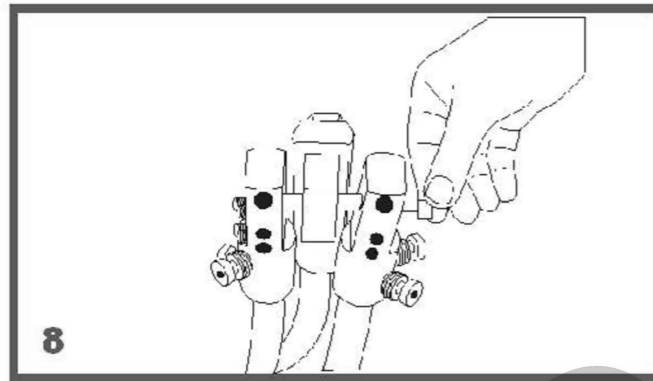




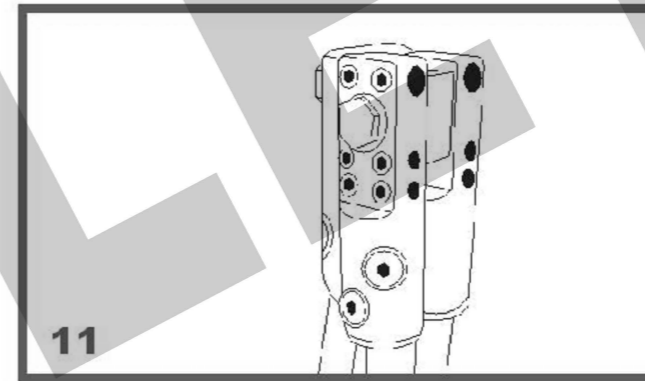
Position the third blank lug (no tunnels for service cable) onto the conductor with the shear heads facing away from you.



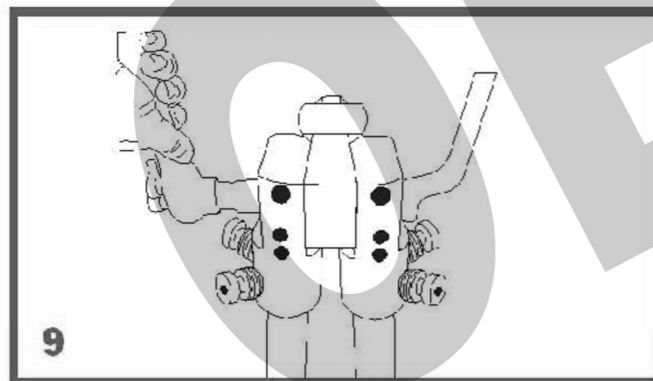
Using the hex socket tool attachment and ratched, tighten connection screws until shear torque is reached.



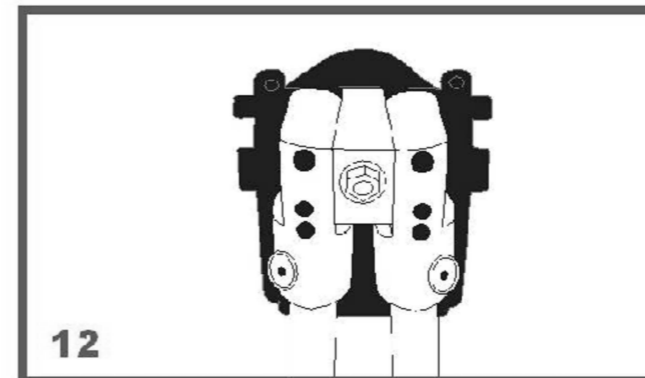
Position busbar between all three lugs into the slots provided, ensure that the 10mm threaded hole on the busbar is facing away from you and toward the top of the lugs. Place the 10mm bolt through the back blank lug and thread into the back of the busbar. Make sure that the belville washer has the concave side facing you. Put the 12mm bolt through the front 2 lugs and busbar and once again that the beville washers have the concave side facing in



Shear off connection screws making sure you do one lug at a time starting from top to bottom. Make sure there is no bare aluminium conductor visible Repeat step above on the second and third lug making you shear off the screws from top to bottom making sure there is no bare conductor showing.



Tighten nut onto bolt with a 19mm spanner and the 19mm socket attached to the ratchet drive. These are in the tool kit.



Place the black cover with no service holes onto the side of the lug. The cover will not fit unless screws are sheared off prior to cover assembly.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	OBSOLETE	A.N.	AUG'21	A.N.	B.C.
0	ISSUED FOR CONSTRUCTION	J.C.	NOV'07	B.C.	S.C.
AMENDMENTS					

PowerWater
NORTHERN TERRITORY

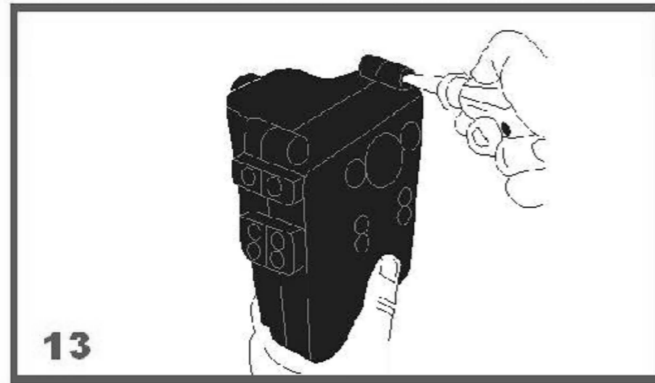
DES	B.C.
DRN	J.C.
CKD	B.C.
APPD	S.C.
SCALE	N.T.S.
ISSUED	NON'07
ALL DIM. IN	mm
DRAFTING STANDARD TO A.S.1100	

3 WAY URD BOLTED CONNECTION
ASSEMBLY INSTRUCTIONS
SHEET 2 OF 3

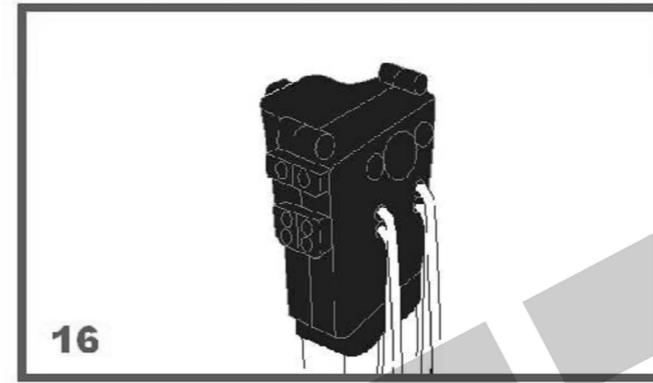
A3 DRAWING NUMBER S02-01-03-16_2

CAD PRODUCT - DO NOT AMEND MANUALLY



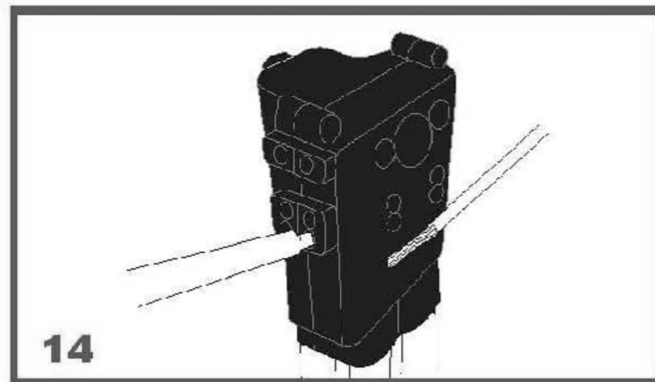


Place front cover onto the back of the lugs and tighten all 4 captive screws using a number 2 Phillips head screwdriver. Screws need to be tightened gradually and sequentially to allow for the captive screws.

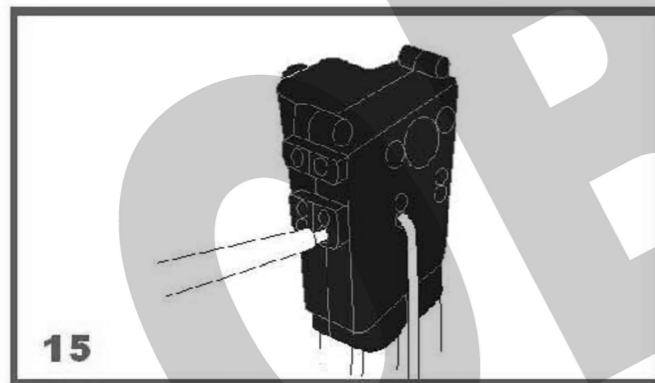


Loosen the required grub screws until the conductor is inserted all the way.

Tighten grub screws ensuring there is no bare conductor visible and pull service cable to ensure it is inserted correctly.



Strip service cable to length specified on the front cover, up to 70mm² compacted conductor can be used.



Loosen all required grub screws and insert service cable from the front of the cover. Ensure cable is inserted all the way.



CMPBL3 Completed

1 0	OBSOLETE ISSUED FOR CONSTRUCTION	A.N. J.C.	AUG'21 NOV'07	A.N. B.C.	B.V. S.C.	DES	B.C.	3 WAY URD BOLTED CONNECTION ASSEMBLY INSTRUCTIONS SHEET 3 OF 3	A3	DRAWING NUMBER	S02-01-03-16_3	AMDT
						DRN	J.C.					
CKD	B.C.											
APPD	S.C.											
SCALE	N.T.S.											
ISSUED	NON'07					ALL DIM. IN mm						
AMENDMENTS						DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY				

PowerWater
NORTHERN TERRITORY