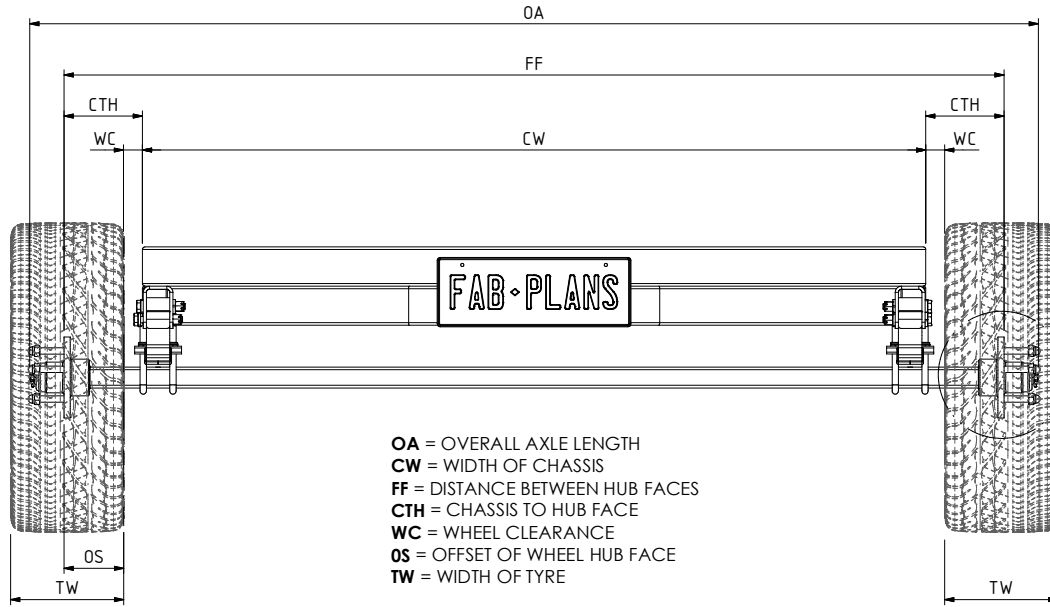
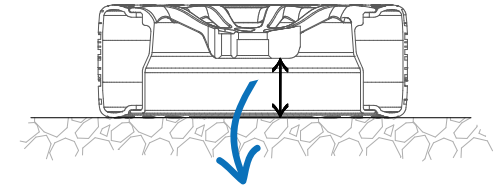


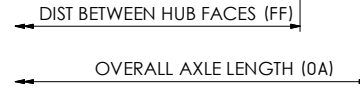
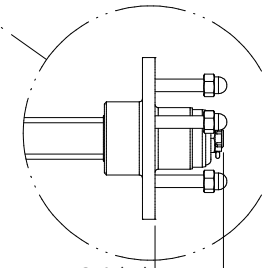
AXEL SELECTION CHART



- OA** = OVERALL AXLE LENGTH
- CW** = WIDTH OF CHASSIS
- FF** = DISTANCE BETWEEN HUB FACES
- CTH** = CHASSIS TO HUB FACE
- WC** = WHEEL CLEARANCE
- OS** = OFFSET OF WHEEL HUB FACE
- TW** = WIDTH OF TYRE



TO GET THE WHEEL OFFSET (OS),
LAY THE WHEEL ON A FLAT SURFACE
AND MEASURE THROUGH THE HUB CENTER



USE THE FOLLOWING EQUATION TO DETERMINE REQUIRED AXLE LENGTH

AXLE LENGTH (DISTANCE BETWEEN OUTSIDE HUB FACES) = FF
 $FF = (CW) + (2 \times WC) + (2 \times OS)$

FOR EXAMPLE
 IF WIDTH OF CHASSIS = 1200mm & TYRE SIZE 215/55R18 WITH NO HUB OFFSET.

$$FF = CW + (2 \times WC) + (2 \times OS)$$



$$FF = 1500 + (2 \times 45) + (215) = 1805\text{mm}$$



AXLE LENGTH BETWEEN HUB FACES = **1805mm**



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CORRECT AXLE SELECTION

SHEET 1 OF 1

SCALE	DRAWING NUMBER	REVISION
NTS	AXLE-SELECTION	1