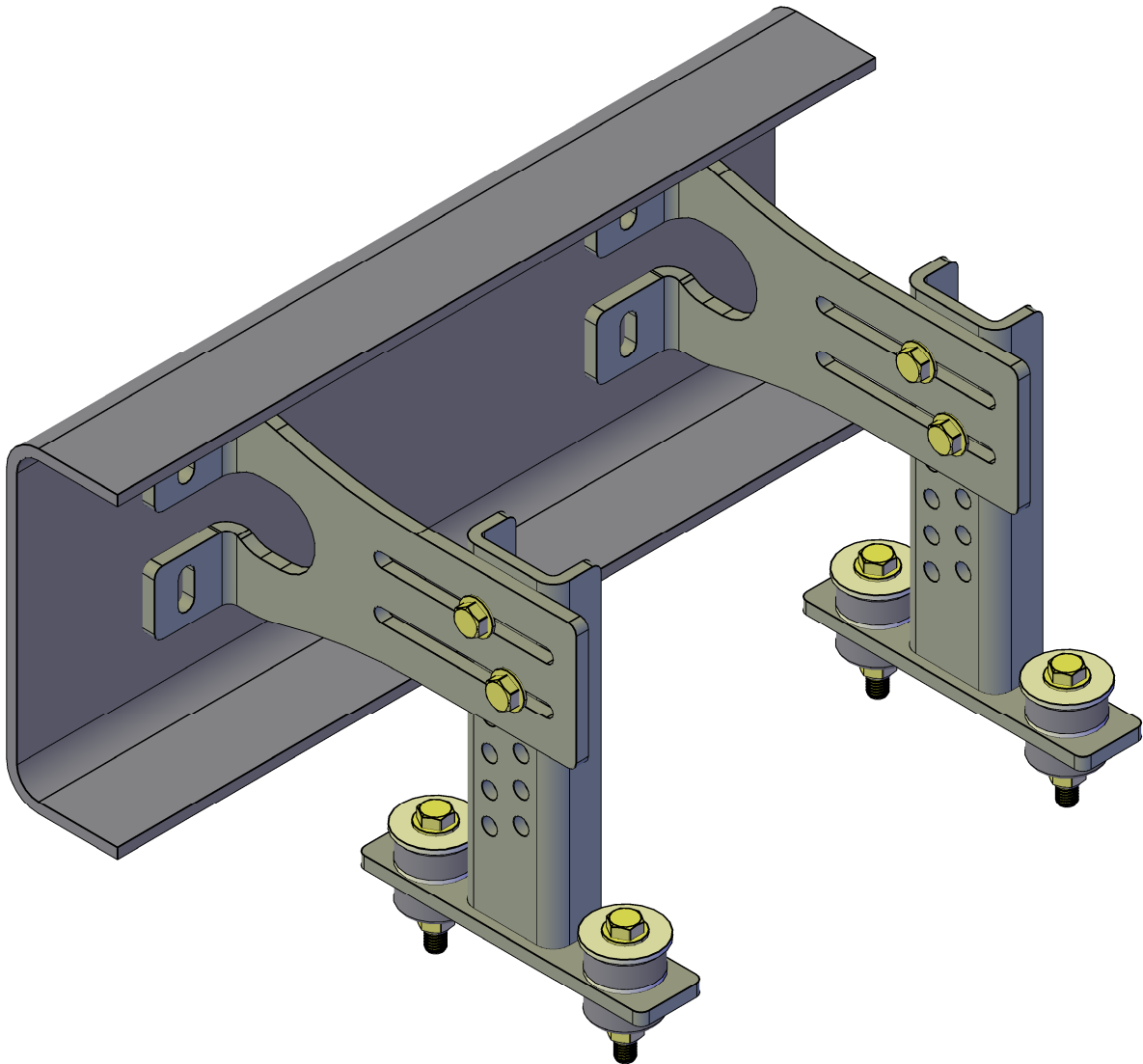


DIESEL EMISSIONS SERVICE

RETROFIT AND REPOWER SPECIALISTS

Portland | Redding | Oakland | Ontario



DES M4102 "HEAVY DUTY" INSIDE FRAME ISOLATED MOUNTING KIT

ALL INSTALLATION INSTRUCTIONS AND GUIDELINES MUST BE THOROUGHLY READ AND UNDERSTOOD BEFORE INSTALLING A DIESEL EMISSIONS SERVICE PRODUCT



PRODUCT GUIDELINES

Diesel Emissions Service recommends its products be installed by a trained technician with proper tools and safety equipment. In addition all Diesel Emissions Service mounting brackets should be installed using good judgment and sound mechanical principles. Since all installations are unique, it is the sole responsibility of the installer to determine the best fit and function of the DPF mounting brackets.

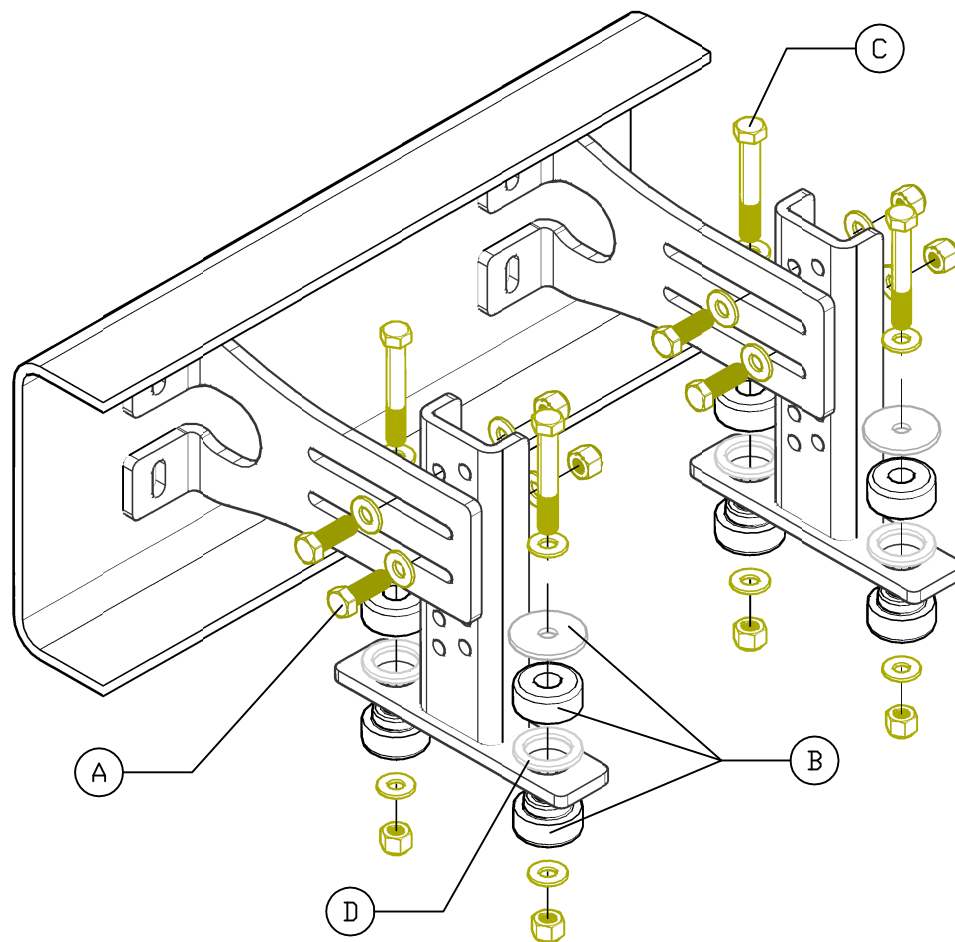
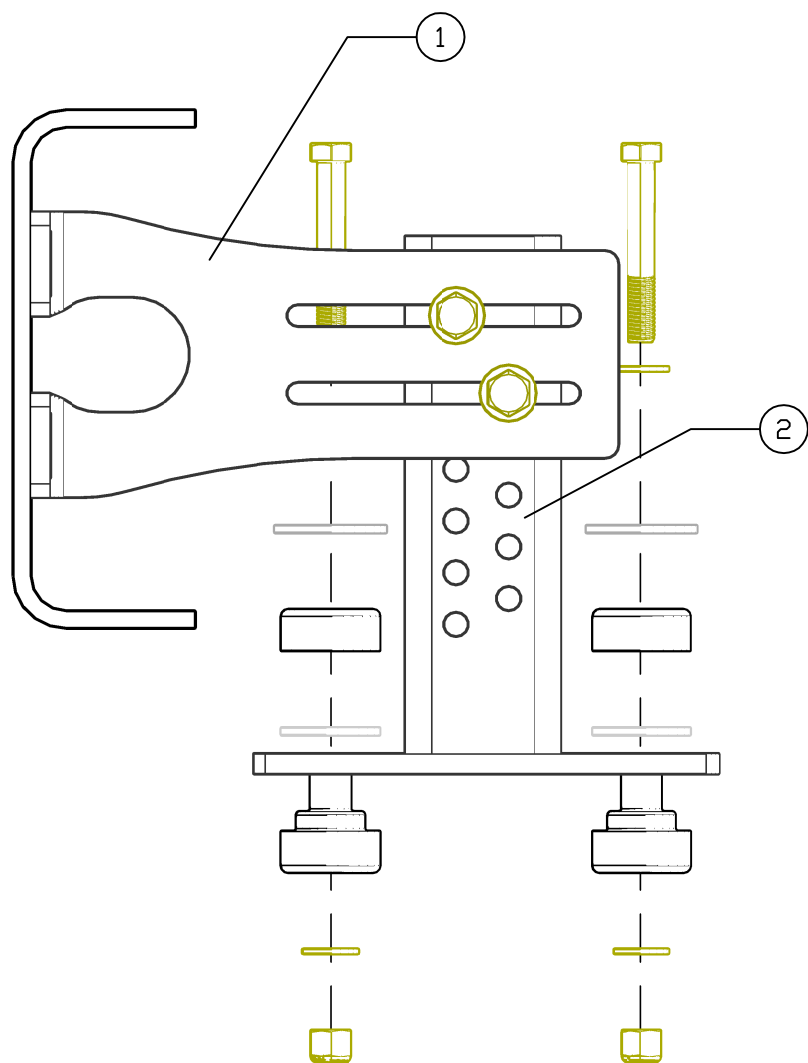
PRODUCT SAFETY

Diesel Emissions Service products are designed for “ON-ROAD” applications only. Modifications to any Diesel Emissions Service product are not recommended and can compromise the bracket performance. Diesel Emissions Service claims no liability or responsibility for the improper application or installation of its products.

PRODUCT WARRANTY

Diesel Emissions Service warrants to the original purchaser of its products that such products will be free from defects in material and workmanship under normal use. Diesel Emissions Service’s obligation under this warranty is solely and exclusively limited to repair and or replacement, at Diesel Emissions Service option, of the product (or components thereof) which Diesel Emissions Service’s examination proves to its satisfaction to be defective. Diesel Emissions Service SHALL HAVE NO OBLIGATION FOR CONSEQUENTIAL DAMAGES TO PERSONAL OR REAL PROPERTY, OR FOR INJURY TO ANY PERSON.

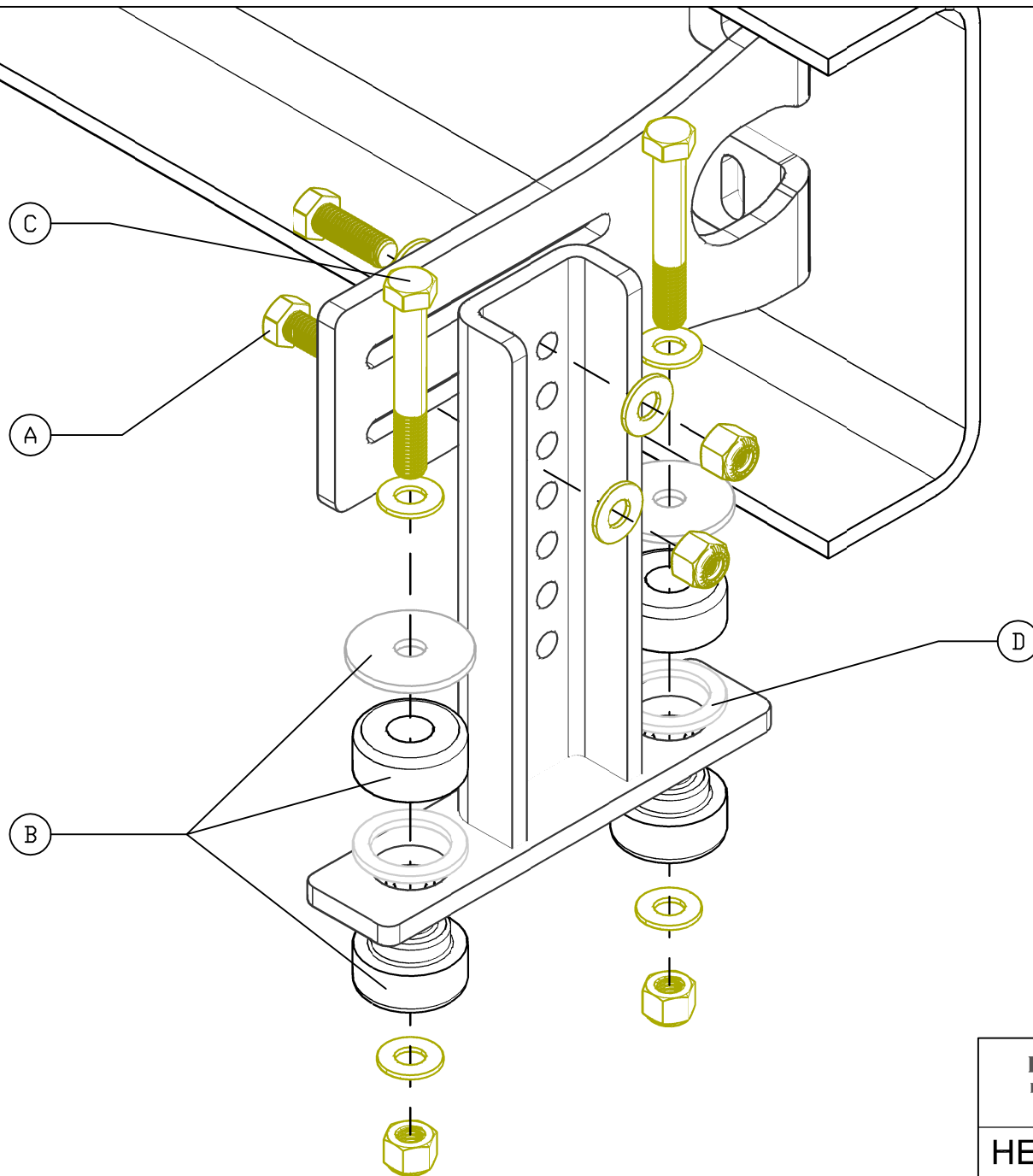
This warranty does not apply to products which have been subject to improper use, accident, negligence, abuse or misuse.



DIESEL EMISSIONS SERVICE
 PORTLAND REDDING OAKLAND ONTARIO
 888-792-2922

HEAVY DUTY INSIDE FRAME ISOLATION MOUNTING KIT

ITEM	QTY	COMPONENT DESCRIPTION	ITEM	QTY	HARDWARE DESCRIPTION	Size	Drawing No.	Rev
			A	4	7/16-14 X1-1/2 BOLT,NUT,WASHER,ASSY	A	DES M4102	
1	2	INSIDE FRAME BRACKET	B	4	POLY ISOLATOR ASSEMBLY			
2	2	ADJUSTABLE T BRACKET	C	4	1/2- 13 X 3-1/2 BOLT,NUT,WASHER,ASSY			
			D	4	1/8 SPACER WASHER	Scale NOT TO SCALE	CAD File	Sheet 1 of 7



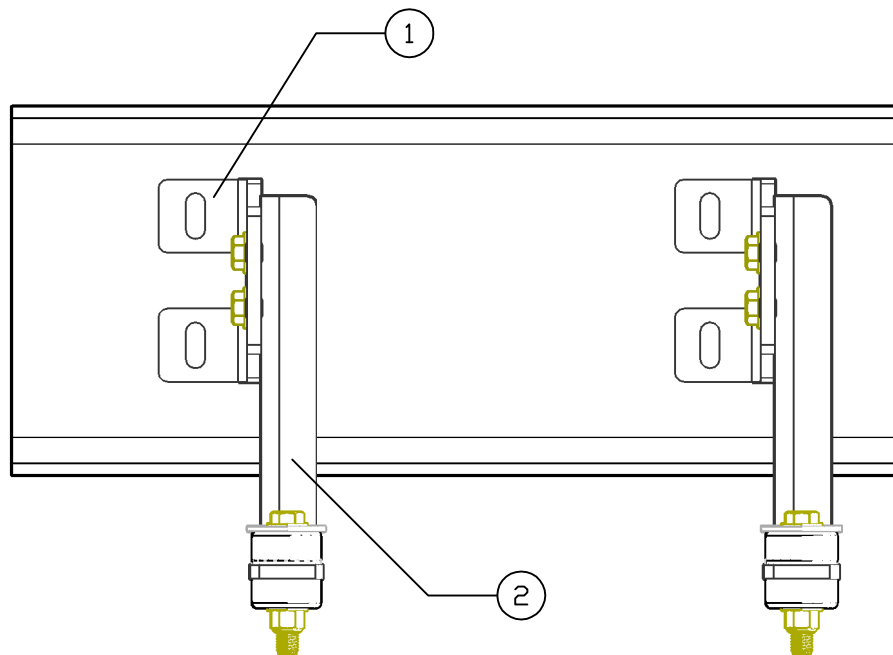
ITEM	QTY	HARDWARE DESCRIPTION
A	4	7/16-14 X1-1/2 BOLT,NUT,WASHER,ASSY
B	4	POLY ISOLATOR ASSEMBLY
C	4	1/2- 13 X 3-1/2 BOLT,NUT,WASHER,ASSY
D	4	1/8 SPACER WASHER

DIESEL EMISSIONS SERVICE
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HEAVY DUTY INSIDE FRAME ISOLATED MOUNTING KIT

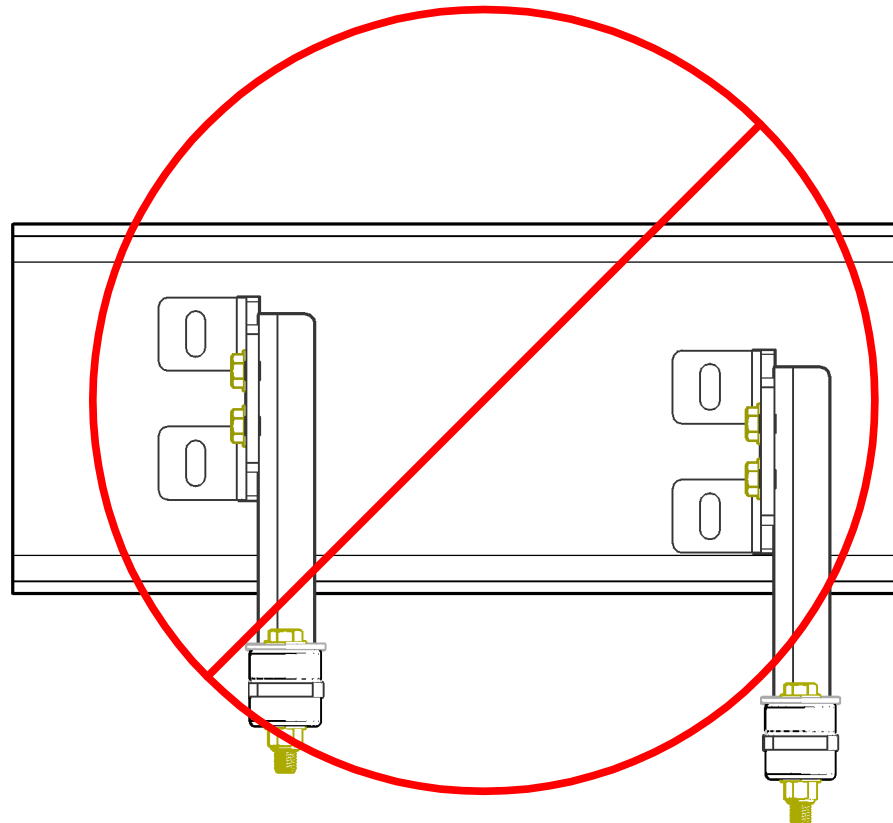
Size	Drawing No.	Rev
A	DES M4102	
Scale	CAD File	Sheet
NOT TO SCALE		2 of 7


CORRECT



INSIDE FRAME BRACKET (1) AND ADJUSTABLE T BRACKET (2) MUST BE PERPENDICULAR WITH ONE ANOTHER AND PARALLEL TO FRAME RAIL

INCORRECT

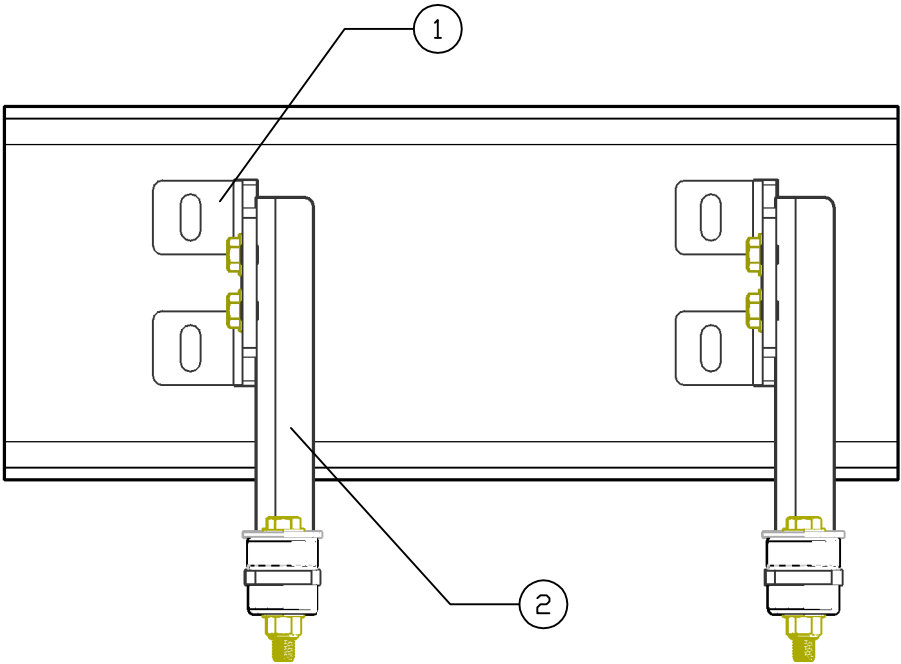


 FAILURE TO PROPERLY INSTALL DES M4102 BRACKETS CAN RESULT IN BRACKET FAILURE AND OR DAMAGE TO FILTER

ITEM	QTY	COMPONENT DESCRIPTION
1	2	INSIDE FRAME BRACKET
2	2	ADJUSTABLE T BRACKET

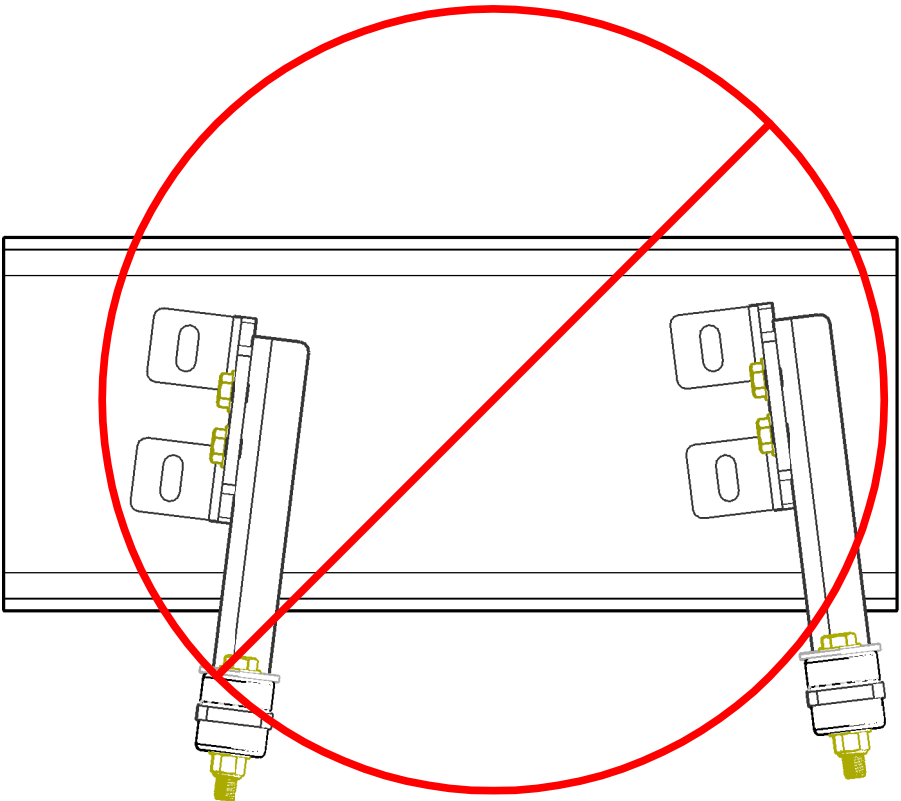
DIESEL EMISSIONS SERVICE PORTLAND REDDING OAKLAND ONTARIO 888-792-2922		
Size	A	Drawing No.
		DES M4102
Scale	NOT TO SCALE	Sheet 3 of 7


CORRECT



INSIDE FRAME BRACKET (1) AND ADJUSTABLE T BRACKET (2) MUST BE PERPENDICULAR WITH ONE ANOTHER AND PARALLEL TO FRAME RAIL

INCORRECT

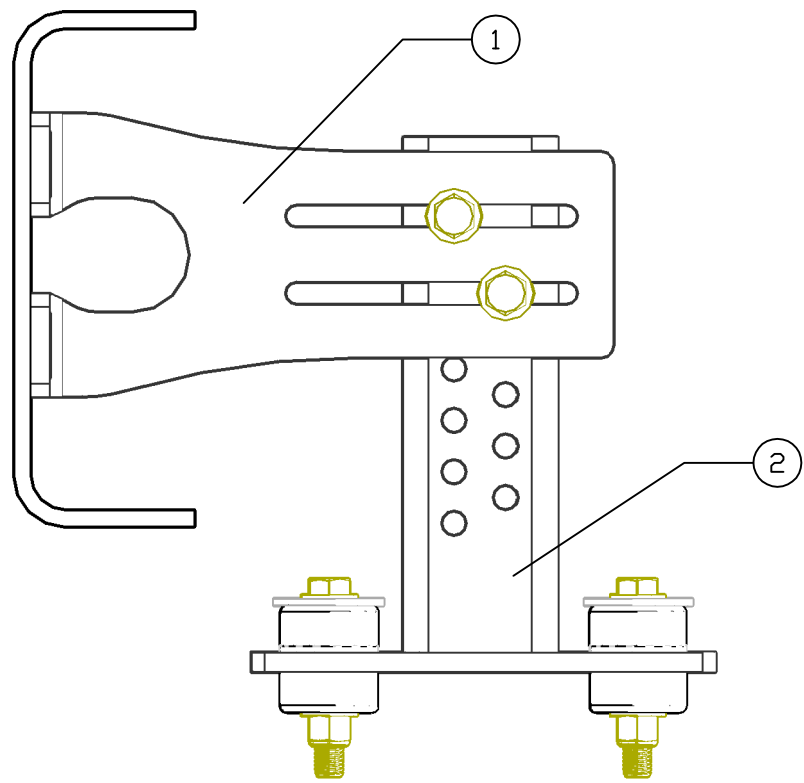


 FAILURE TO PROPERLY INSTALL DES M4102 BRACKETS CAN RESULT IN BRACKET FAILURE AND OR DAMAGE TO FILTER

ITEM	QTY	COMPONENT DESCRIPTION
1	2	INSIDE FRAME BRACKET
2	2	ADJUSTABLE T BRACKET

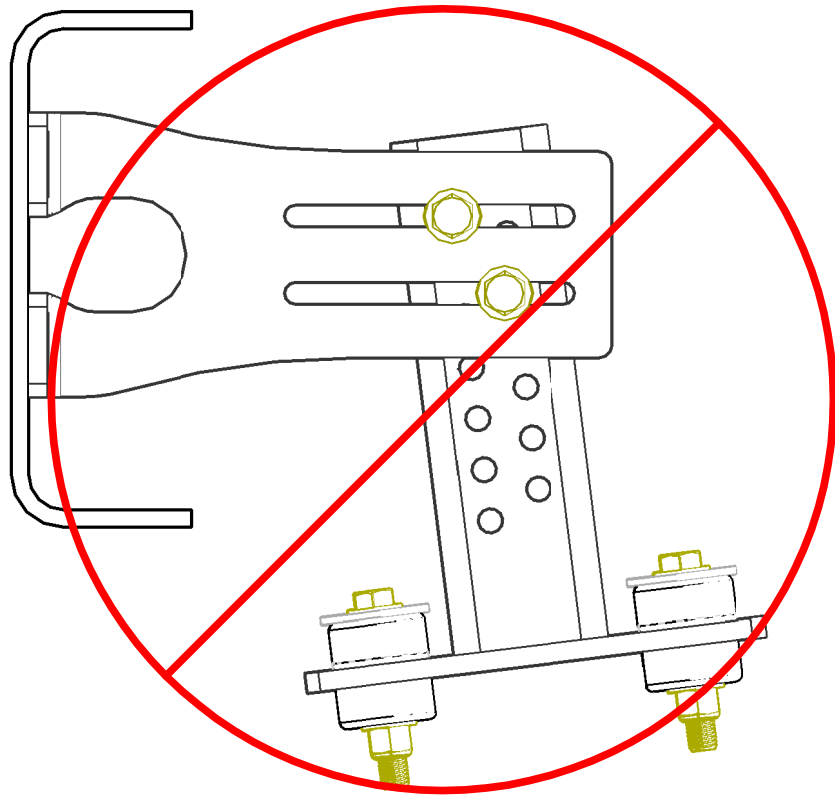
DIESEL EMISSIONS SERVICE PORTLAND REDDING OAKLAND ONTARIO 888-792-2922		
Size	A	Drawing No.
		DES M4102
Scale	NOT TO SCALE	Sheet 4 of 7


CORRECT



INSIDE FRAME BRACKET (1) AND ADJUSTABLE T BRACKET (2) MUST BE PERPENDICULAR WITH ONE ANOTHER AND PARALLEL TO FRAME RAIL

INCORRECT

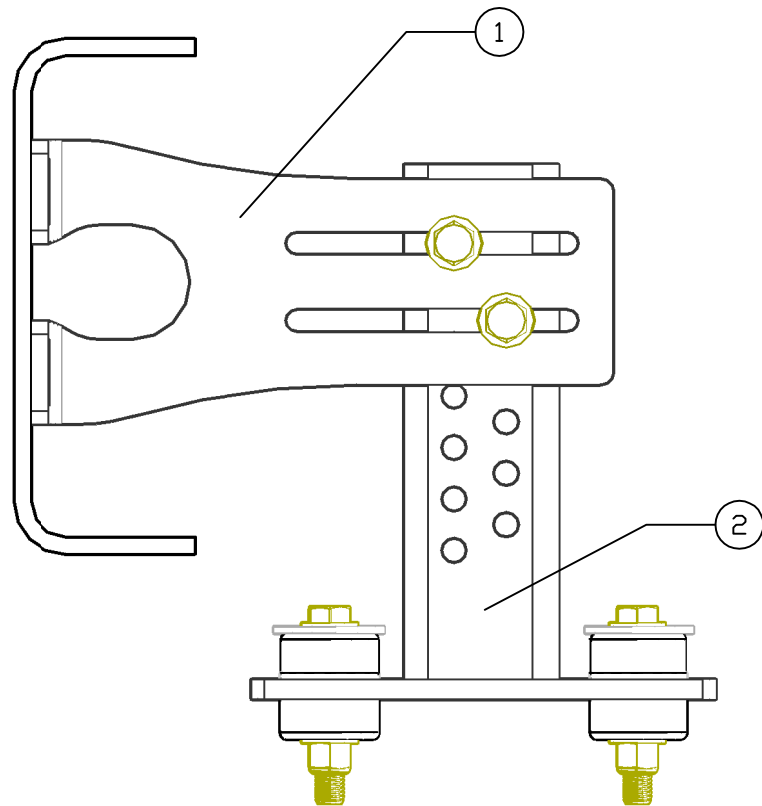


 FAILURE TO PROPERLY INSTALL DES M4102 BRACKETS CAN RESULT IN BRACKET FAILURE AND OR DAMAGE TO FILTER

ITEM	QTY	COMPONENT DESCRIPTION
1	2	INSIDE FRAME BRACKET
2	2	ADJUSTABLE T BRACKET

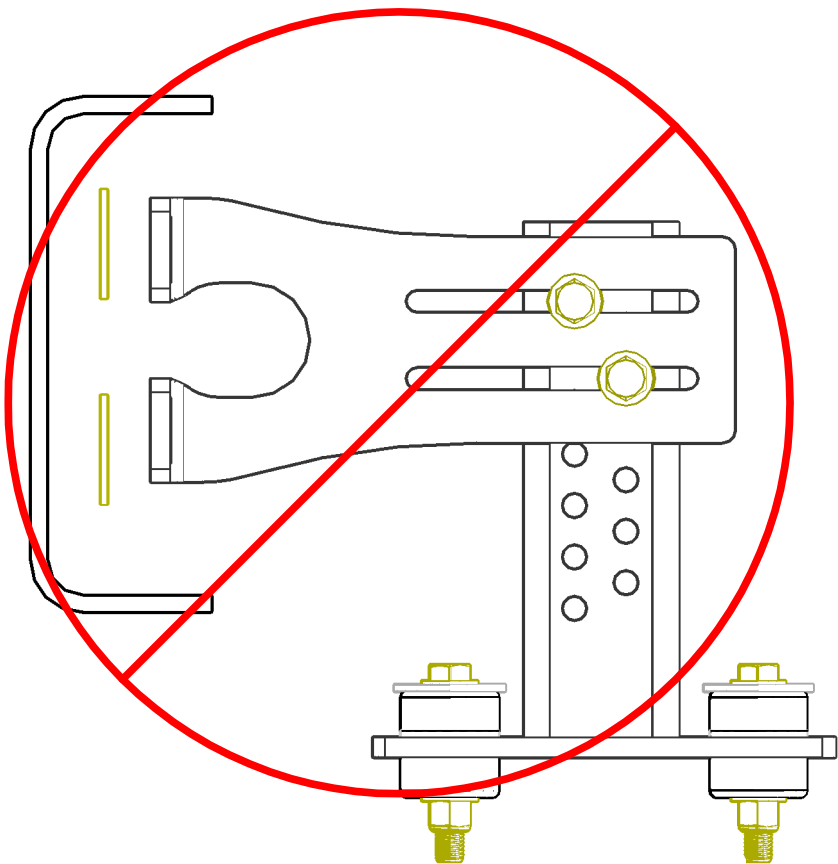
DIESEL EMISSIONS SERVICE PORTLAND REDDING OAKLAND ONTARIO 888-792-2922		
Size	A	Drawing No. DES M4102
Scale	NOT TO SCALE	Sheet 5 of 7

CORRECT



INSIDE FRAME BRACKET (1) MUST SEAT FLUSH
TO FRAME RAIL

INCORRECT

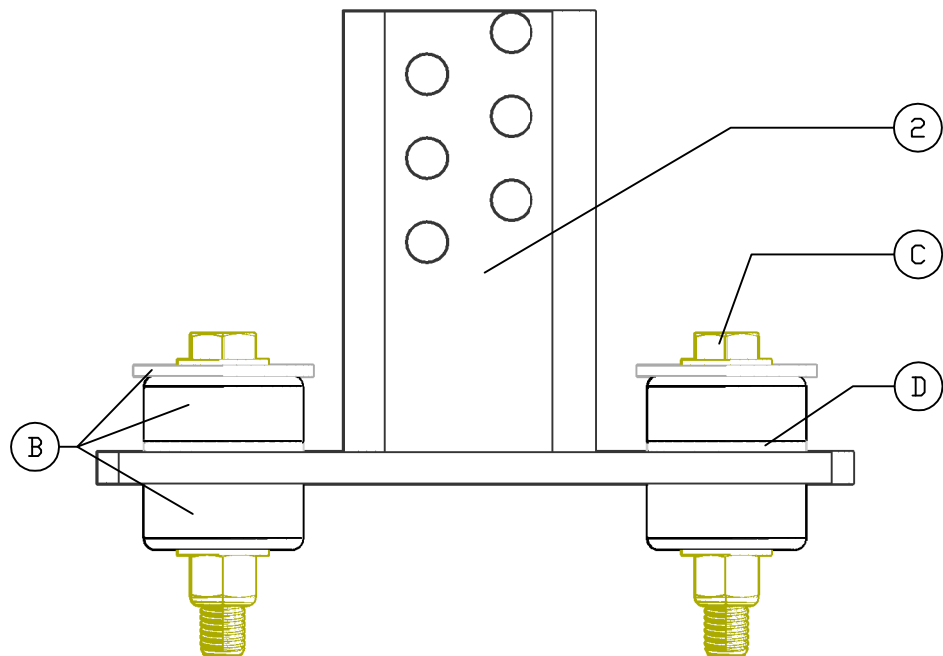


NEVER SPACE INSIDE FRAME BRACKET (1)
AWAY FROM FRAME RAIL

ITEM	QTY	COMPONENT DESCRIPTION
1	2	INSIDE FRAME BRACKET
2	2	ADJUSTABLE T BRACKET

DIESEL EMISSIONS SERVICE PORTLAND REDDING OAKLAND ONTARIO 888-792-2922		
Size	A	Drawing No. DES M4102
Scale	NOT TO SCALE	Sheet 6 of 7

CORRECT

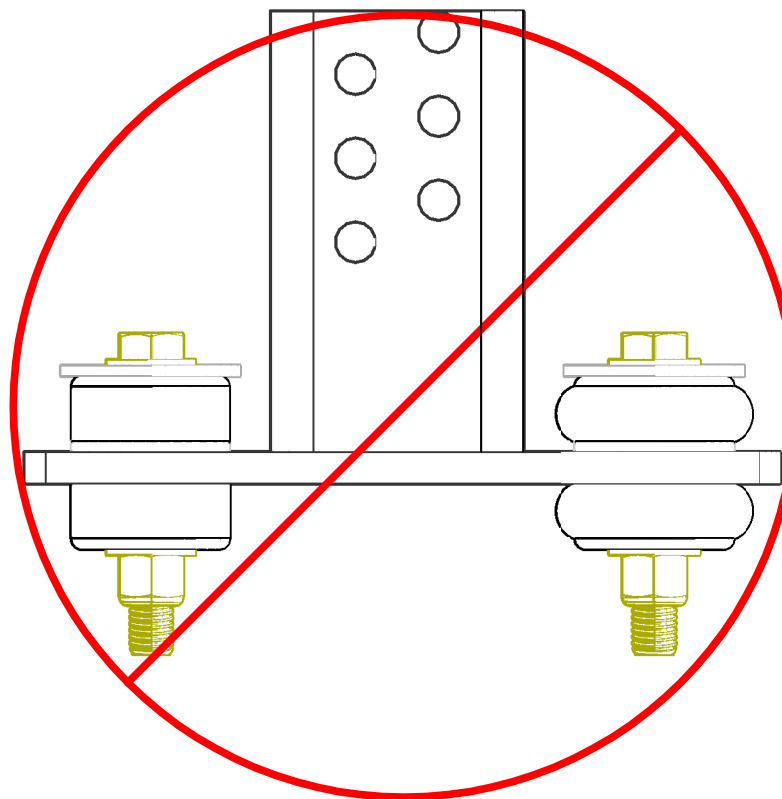


ISOLATOR ASSEMBLY (B) MUST BE COMPRESSED EQUALLY



ISOLATOR ASSEMBLY (B) SHOULD BE COMPRESSED APPROXIMATELY 25-30%

INCORRECT



IMPROPER ISOLATOR COMPRESSION CAN LEAD TO ISOLATOR FAILURE AND OR BRACKET FAILURE

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ITEM	QTY	COMPONENT DESCRIPTION	ITEM	QTY	HARDWARE DESCRIPTION	Size	Drawing No.
			B	4	POLY ISOLATOR ASSEMBLY	A	DES M4102
2	2	ADJUSTABLE T BRACKET	C	4	1/2- 13 X 3-1/2 BOLT,NUT,WASHER,ASSY		
			D	4	1/8 SPACER WASHER	Scale NOT TO SCALE	Sheet 7 of 7