

Body Panel Sectioning

Special Tool(s) / General Equipment

Self-Piercing Rivet (SPR) Remover/Installer
Belt Sander
Blind Rivet Gun
Air Body Saw
MIG/MAG Welding Equipment

Materials

Name	Specification
Seam Sealer TA-2-B, 3M™ 08308, LORD Fusor® 805DTM	-

Repair

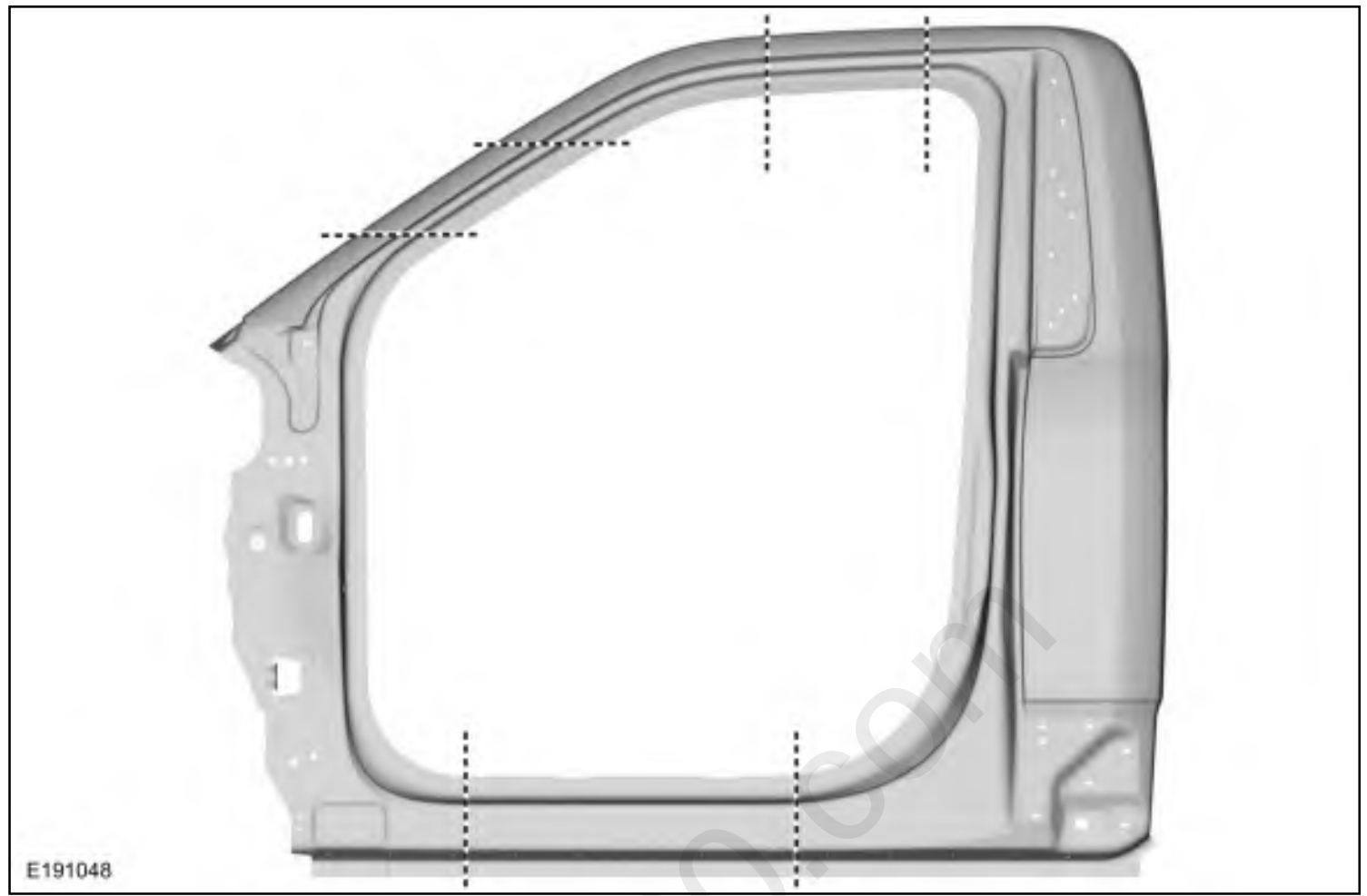
NOTICE: Do not begin removal of the vehicle body side until the replacement panel is available for reference.

NOTICE: Do not carry out body side sectioning repairs in areas of door hinge, safety restraints or striker anchoring points. Welding within 50 mm (1.96 in) of door hinge or striker locations may compromise structural integrity during a collision.

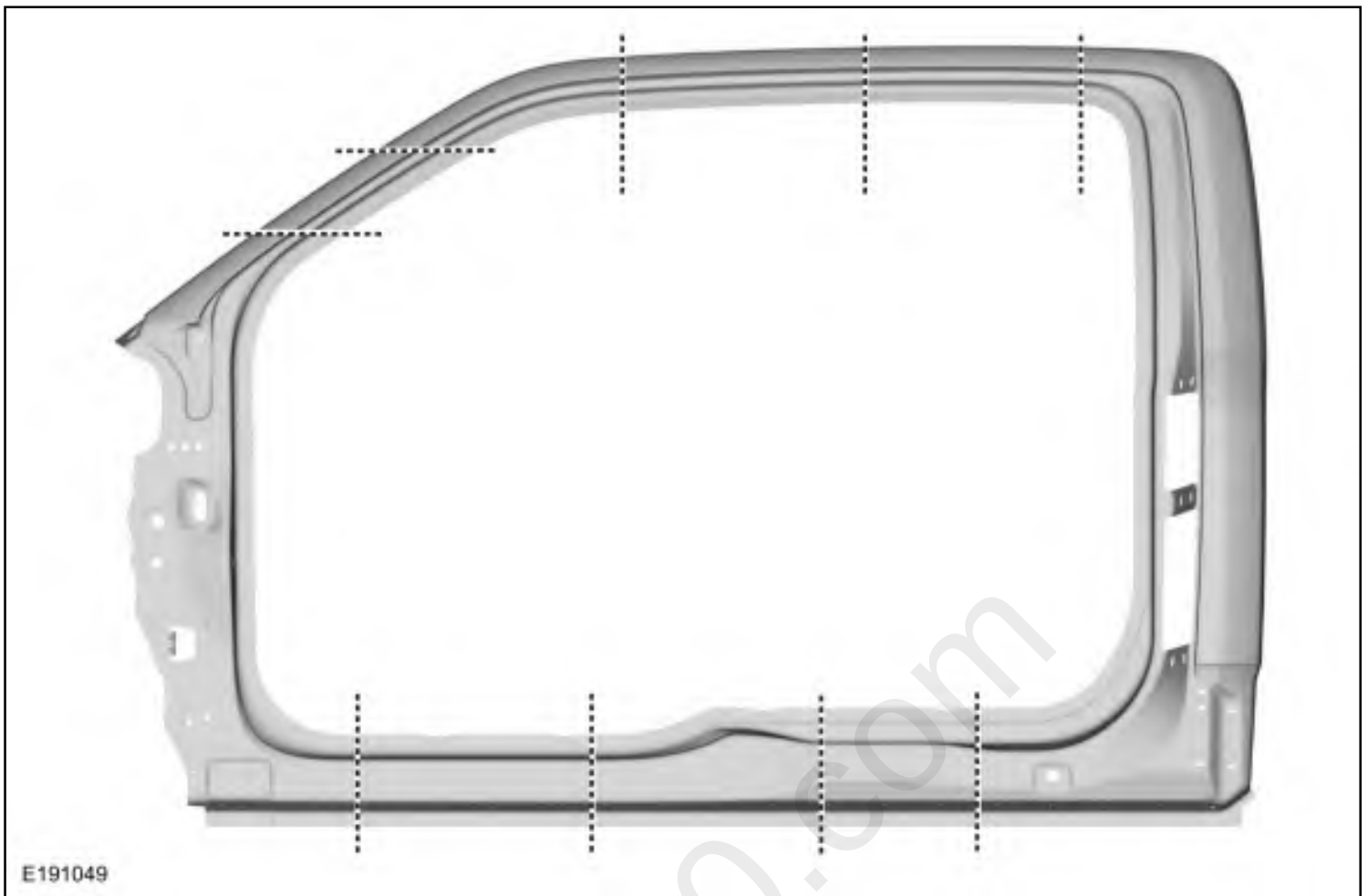
NOTE: The following illustrations are intended as a general guideline and are not all inclusive.

NOTE: LH side shown, RH side similar.

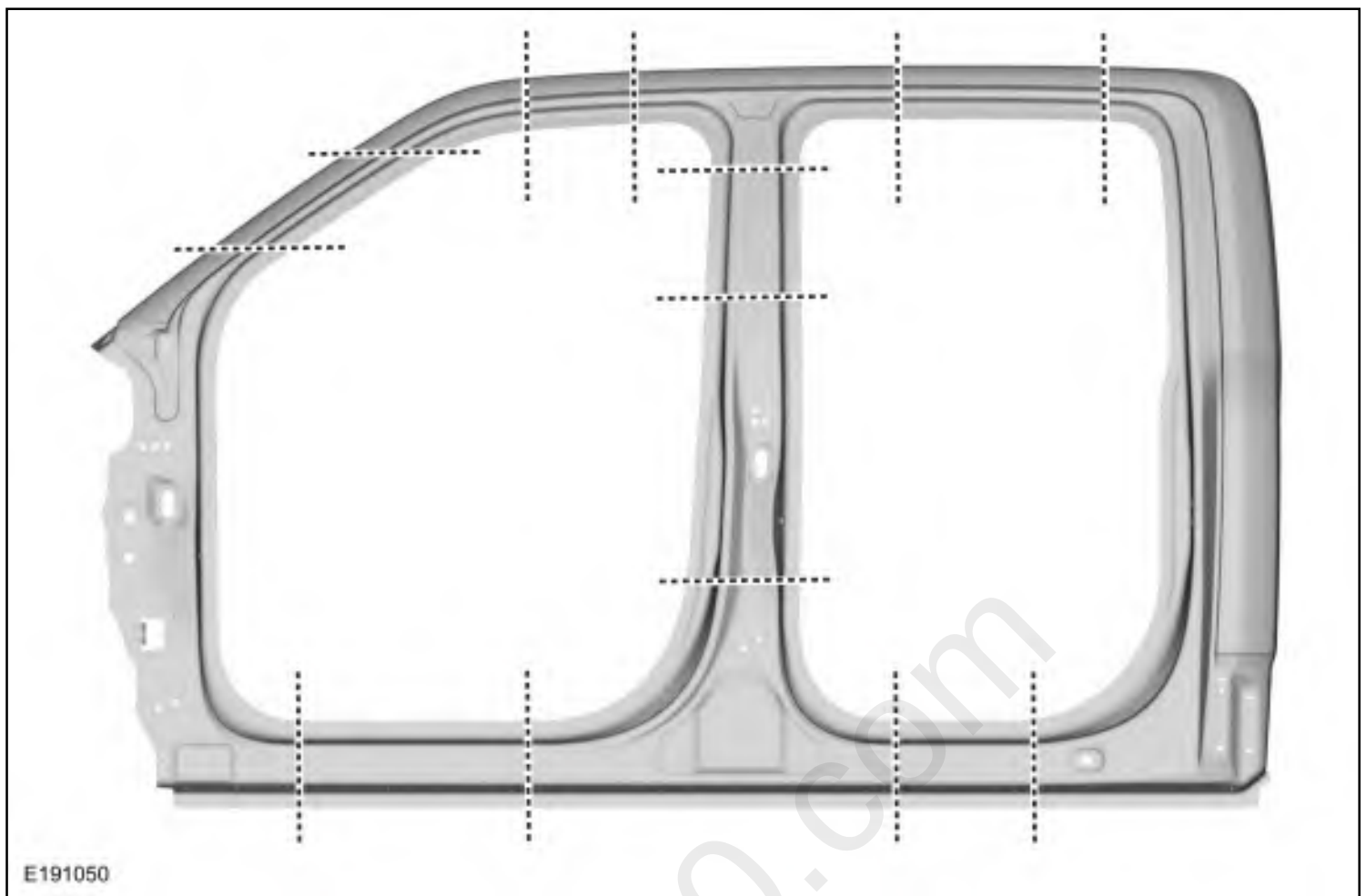
1. Regular Cab



2. SuperCab



3. SuperCrew Cab



4. Restore the vehicle dimensionally to pre-damage condition.
Refer to: [Body and Frame](#) (501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, Description and Operation).
5. As a general rule, sectioning cut points should be chosen to result in the smallest repair area possible.
6. Detrim the vehicle as necessary and remove any SPR or FDS from the area to be repaired.
Use the General Equipment: Self-Piercing Rivet (SPR) Remover/Installer
Use the General Equipment: Belt Sander
7. Only remove as much of the **outer** body side as necessary.
Use the General Equipment: Air Body Saw
8. **NOTE:** *During assembly, use a SPR where possible. This will produce a higher quality repair.*

Where possible, create a lap-joint backer plate from an unused portion of the old or replacement panel. This will create a stronger joint.

Refer to: [Joining Techniques](#) (501-25 Body Repairs - General Information, General Procedures).

Use the General Equipment: Self-Piercing Rivet (SPR) Remover/Installer

Use the General Equipment: Blind Rivet Gun

Use the General Equipment: MIG/MAG Welding Equipment

9. Rough finish all sectioning joints with a fibre-based body filler, final finish sectioning joints and plug welds with a conventional body filler.
10. Properly seal all joints to prevent moisture intrusion. Water and moisture migrate toward horizontal joints and corrosion tends to occur more rapidly in these areas.
Material: Seam Sealer / TA-2-B, 3M™ 08308, LORD Fusor® 805DTM
11. Proceed with the refinishing process using a Ford approved paint system and manufacturers recommendations.
12. Restore corrosion protection.
Refer to: [Corrosion Prevention](#) (501-25 Body Repairs - General Information, General Procedures).
13. Reinstall vehicle trim as necessary.

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Body and Frame

Body

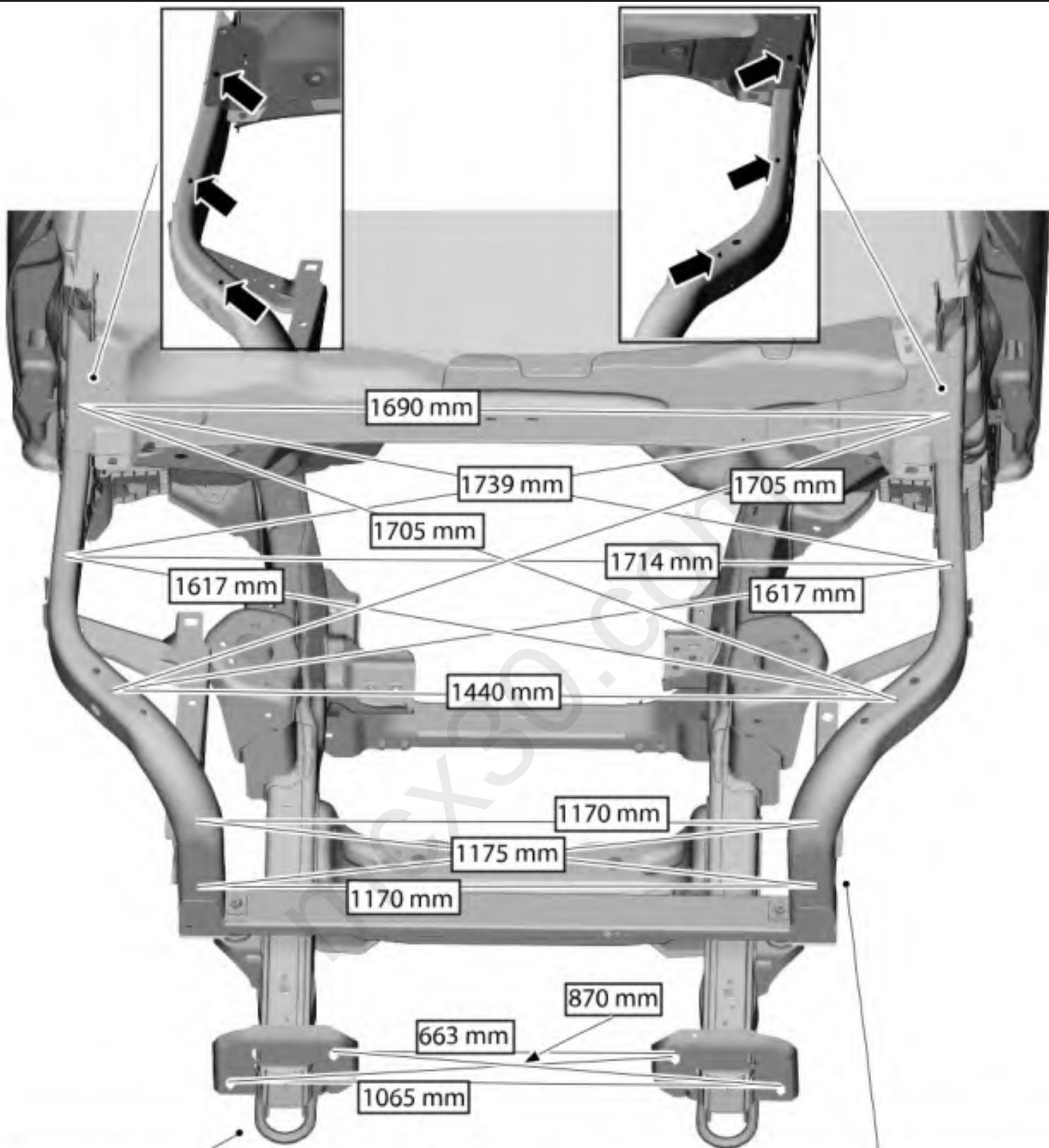
The body consists of the following:

- Aluminum and aluminum alloys
- Extruded aluminum rocker panel reinforcement on SuperCrew Cab
- Steel hood hinges
- Body side outer panels constructed of aluminum
- Bolted, removable front fenders, hinged doors and hood
- Bonded and riveted aluminum body panels
- Mastic pads used on floor pan for sound deadening

Body Dimensions

Under Hood Dimensions

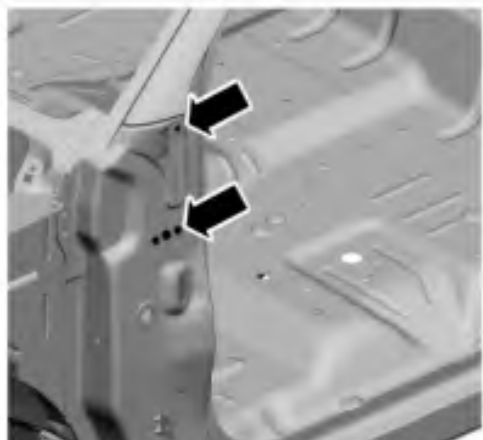
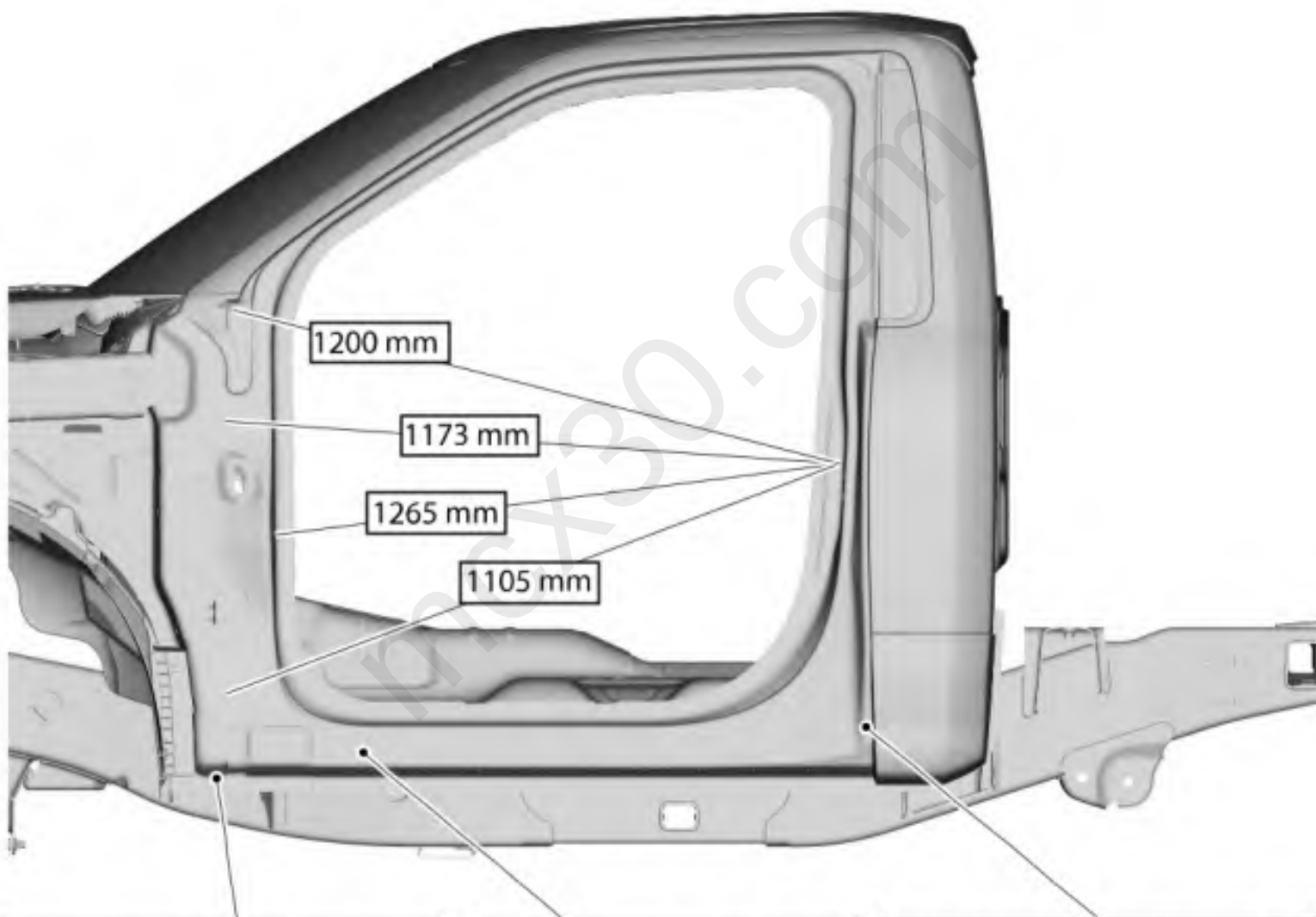
NOTE: *All measurements are on center unless otherwise indicated.*

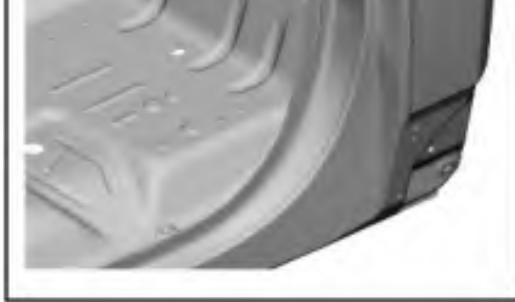


Door Opening Dimensions

NOTE: All measurements are on center unless otherwise indicated.

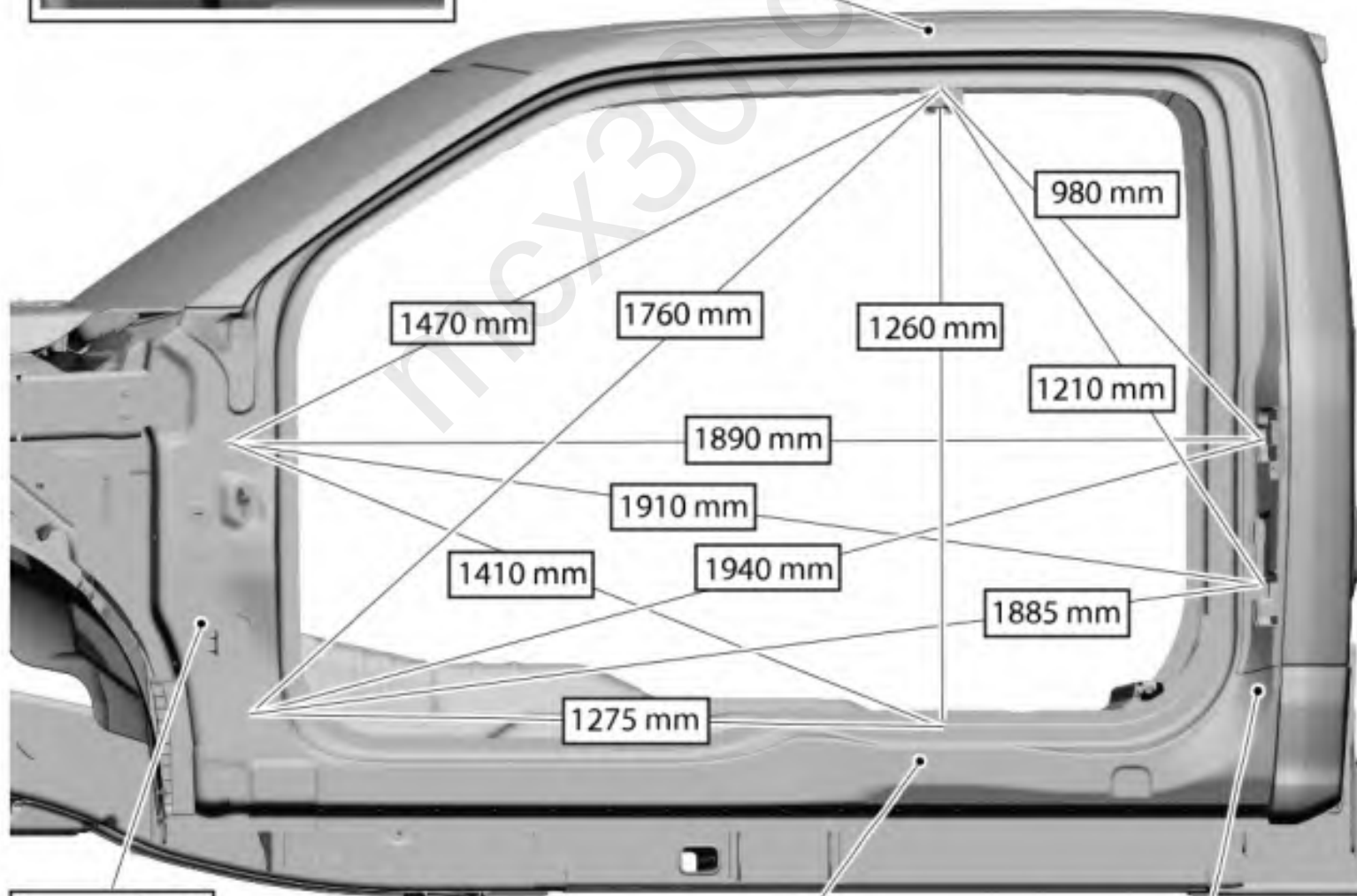
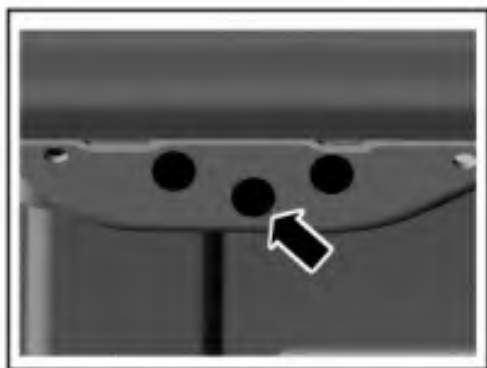
Regular Cab





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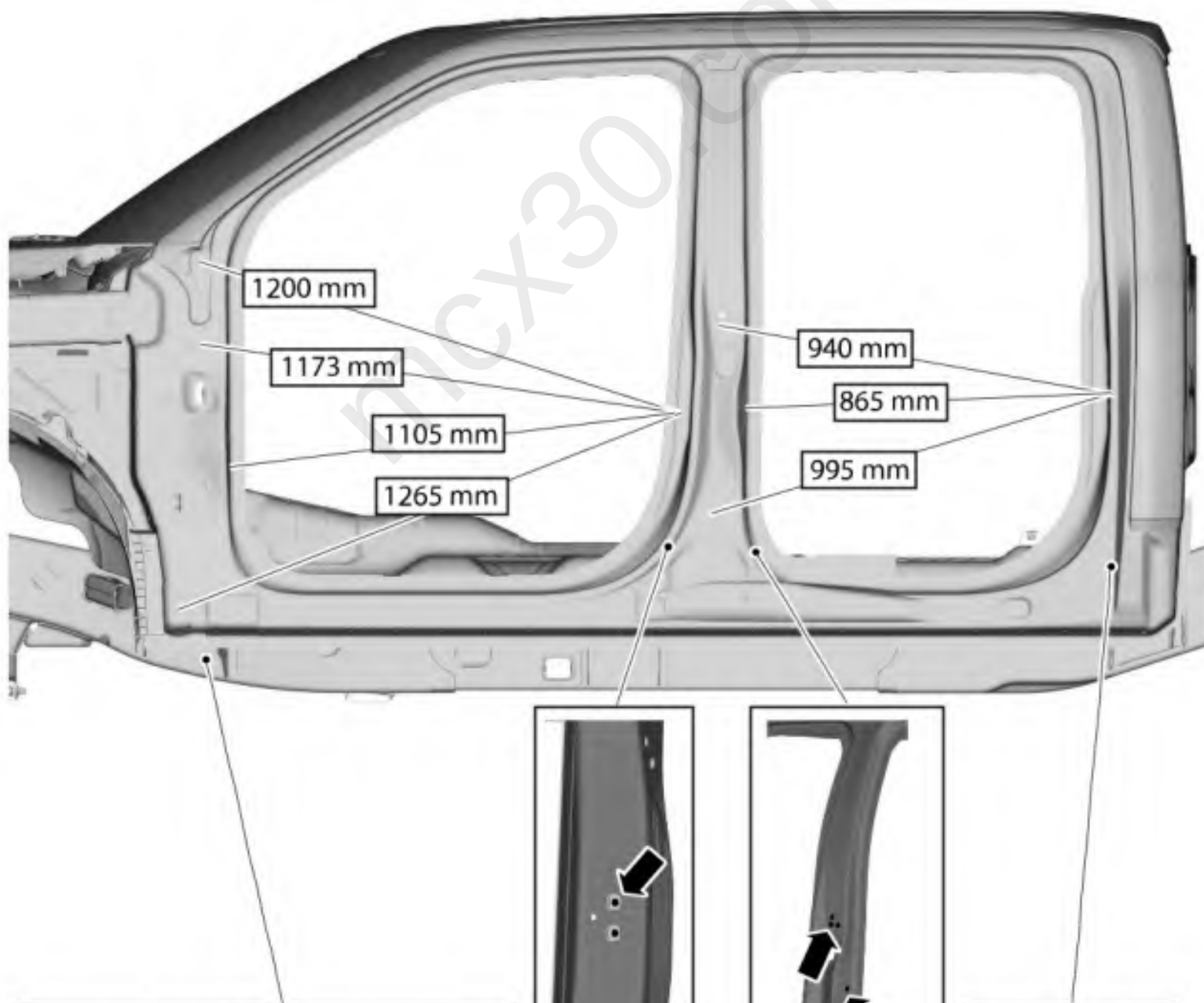
SuperCab

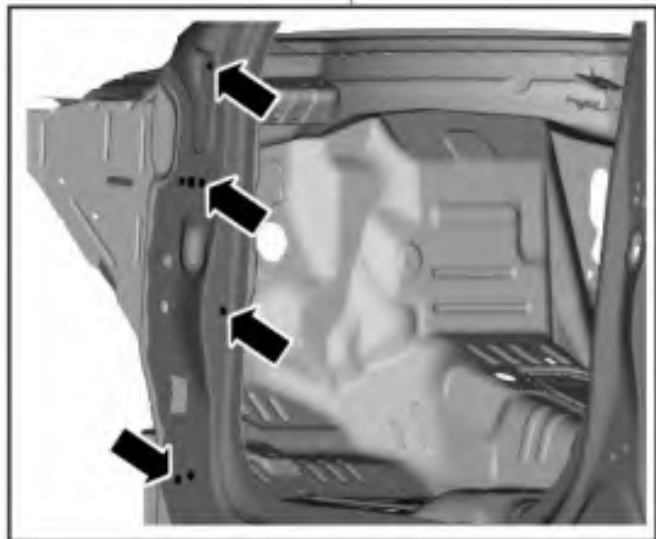




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SuperCrew Cab

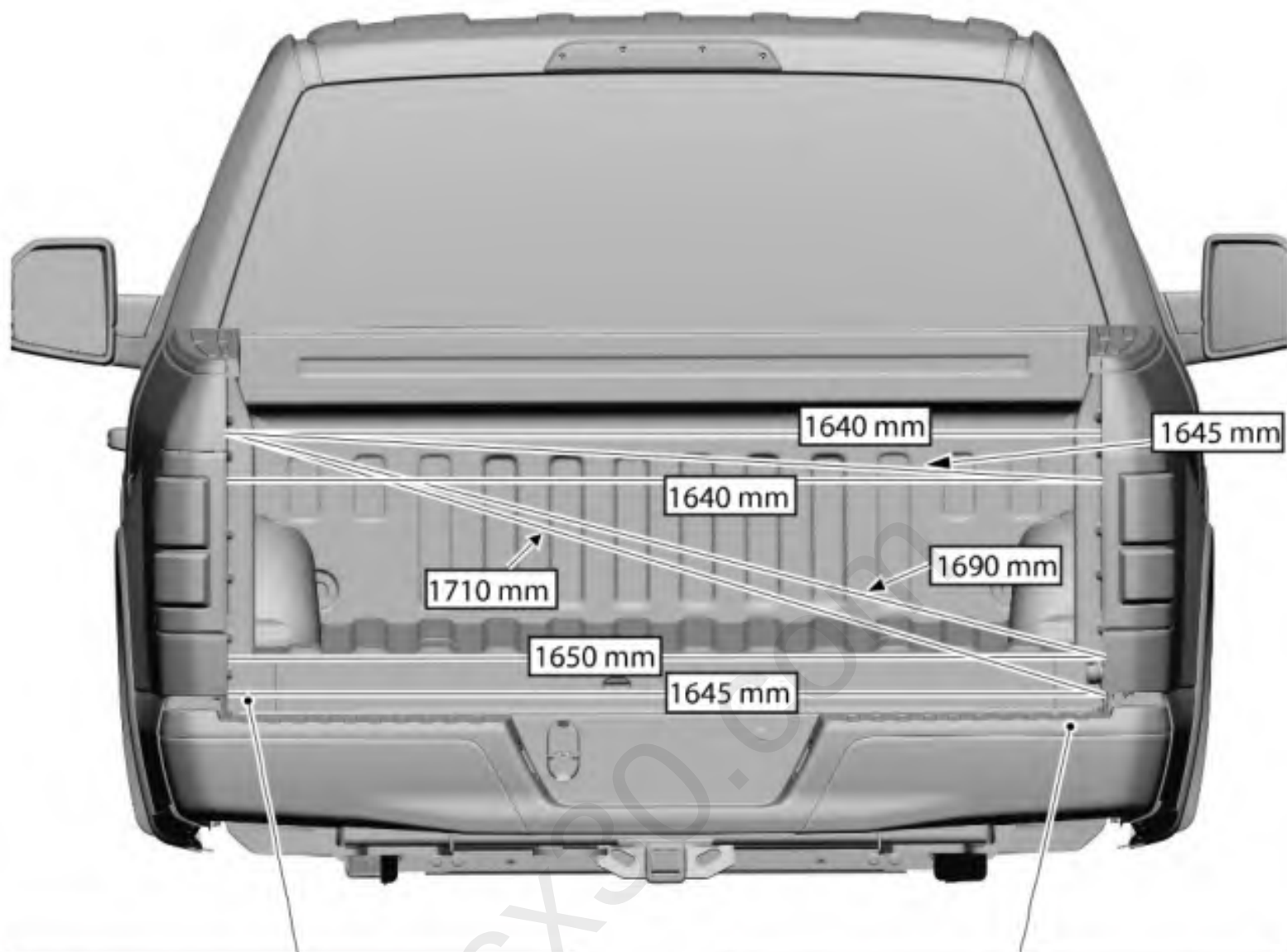




E189046

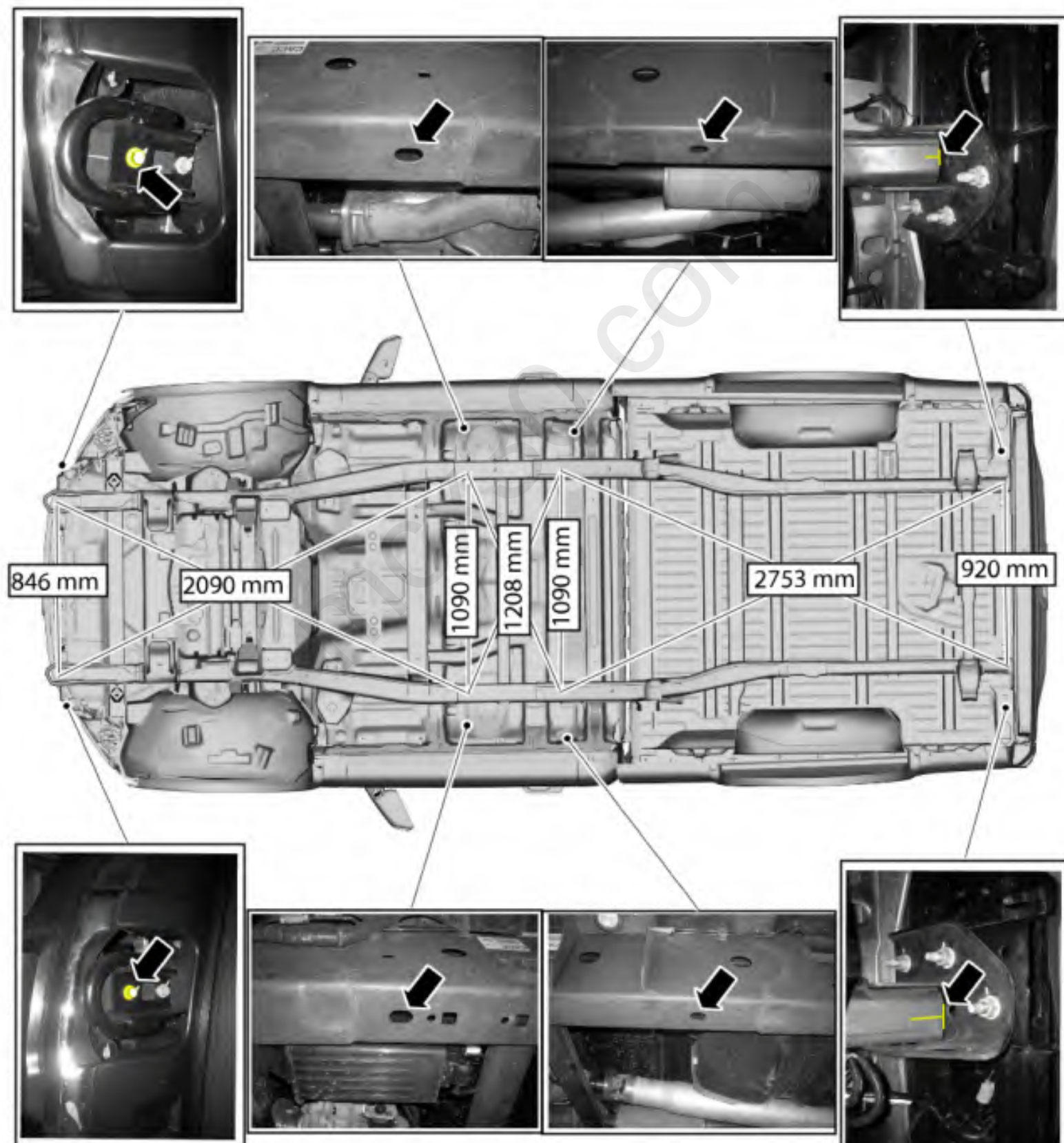
Tailgate Opening Dimensions

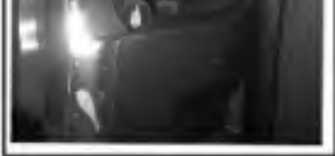
NOTE: *All measurements are on center unless otherwise indicated.*



Under Body Measurements

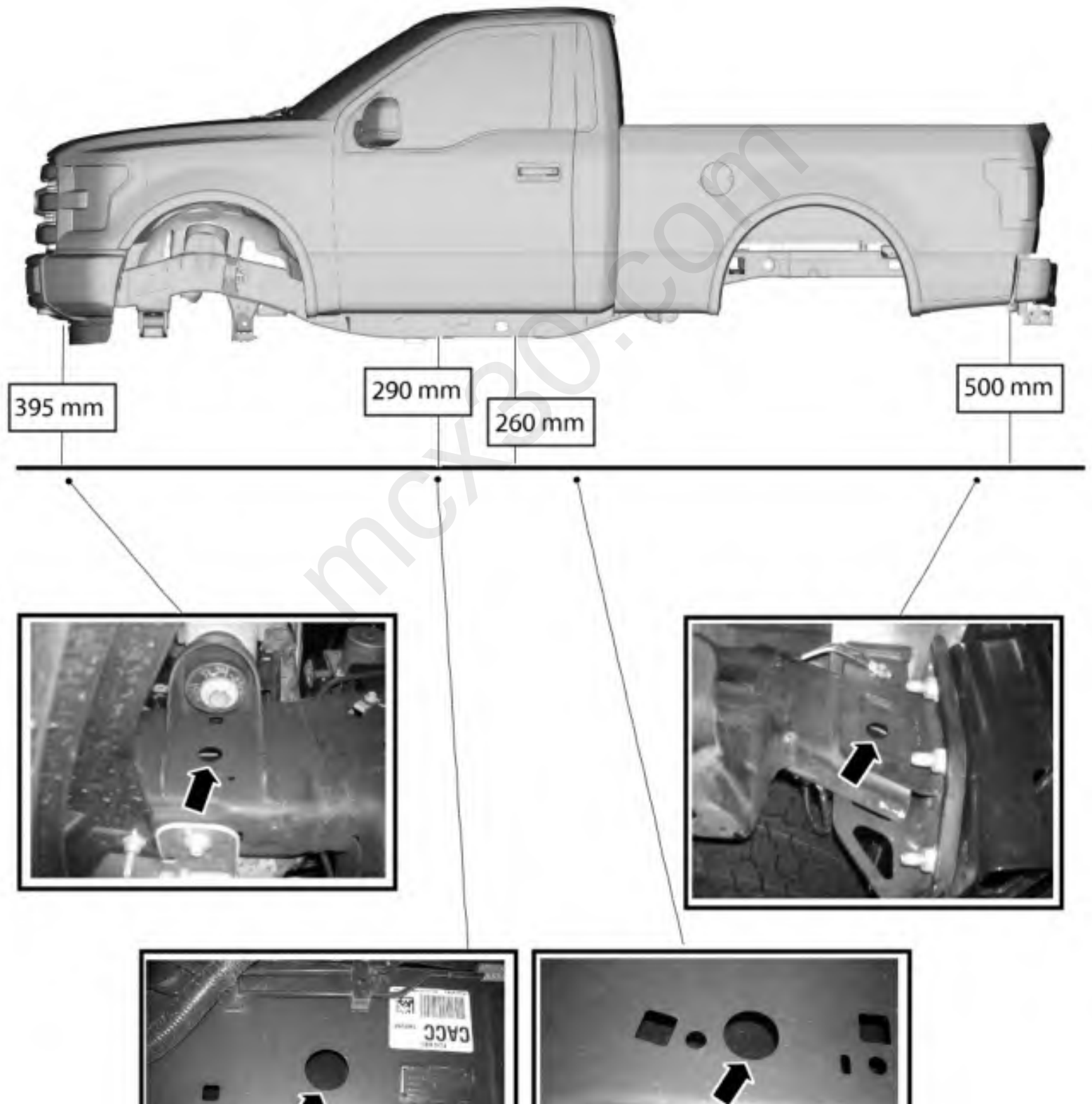
122 Inch Wheelbase - Regular Cab Underbody





E189603

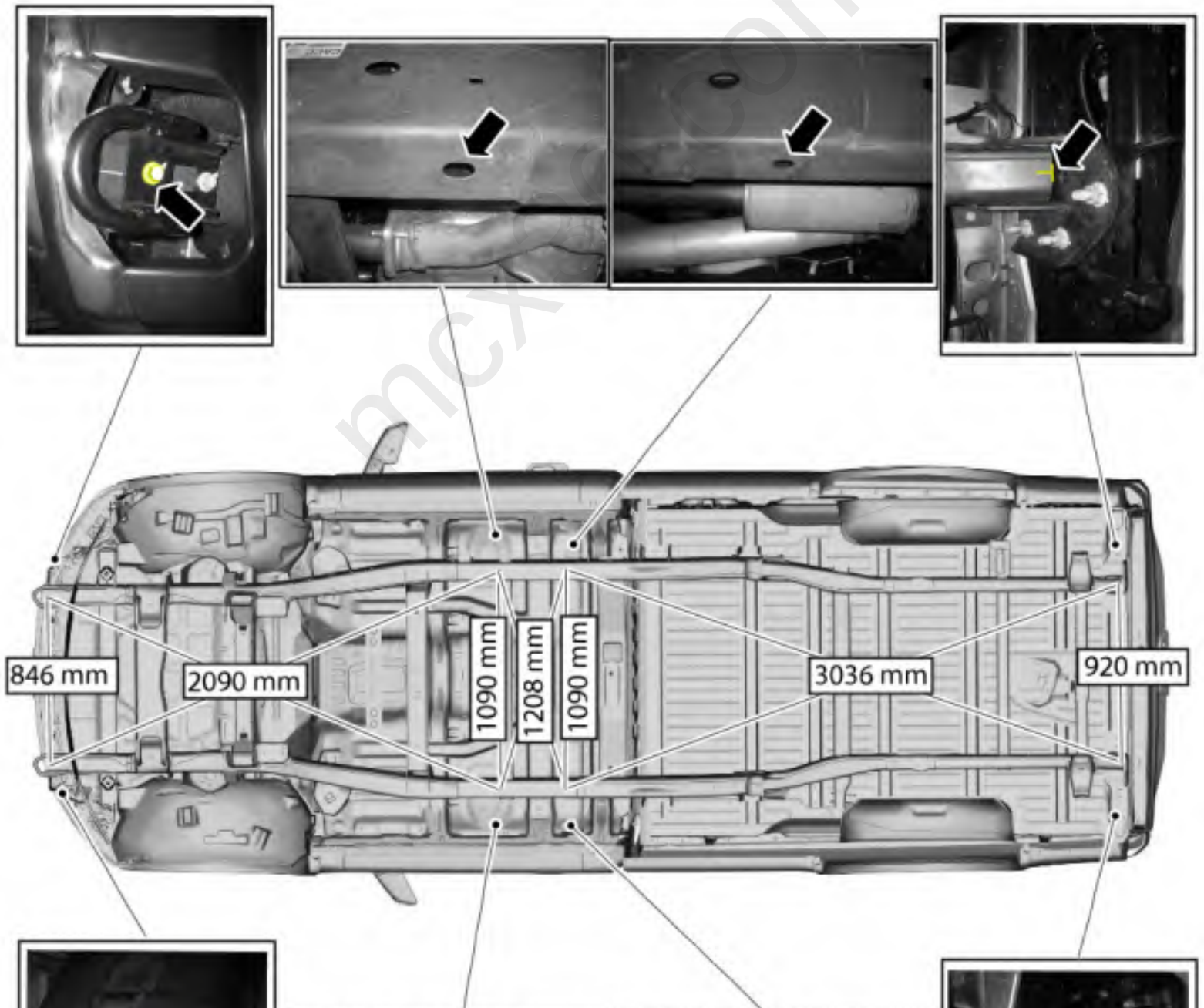
122 Inch Wheelbase - Regular Cab Datum Height





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141 Inch Wheelbase - Regular Cab Underbody





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141 Inch Wheelbase - Regular Cab Datum Height



395 mm

290 mm

260 mm

500 mm

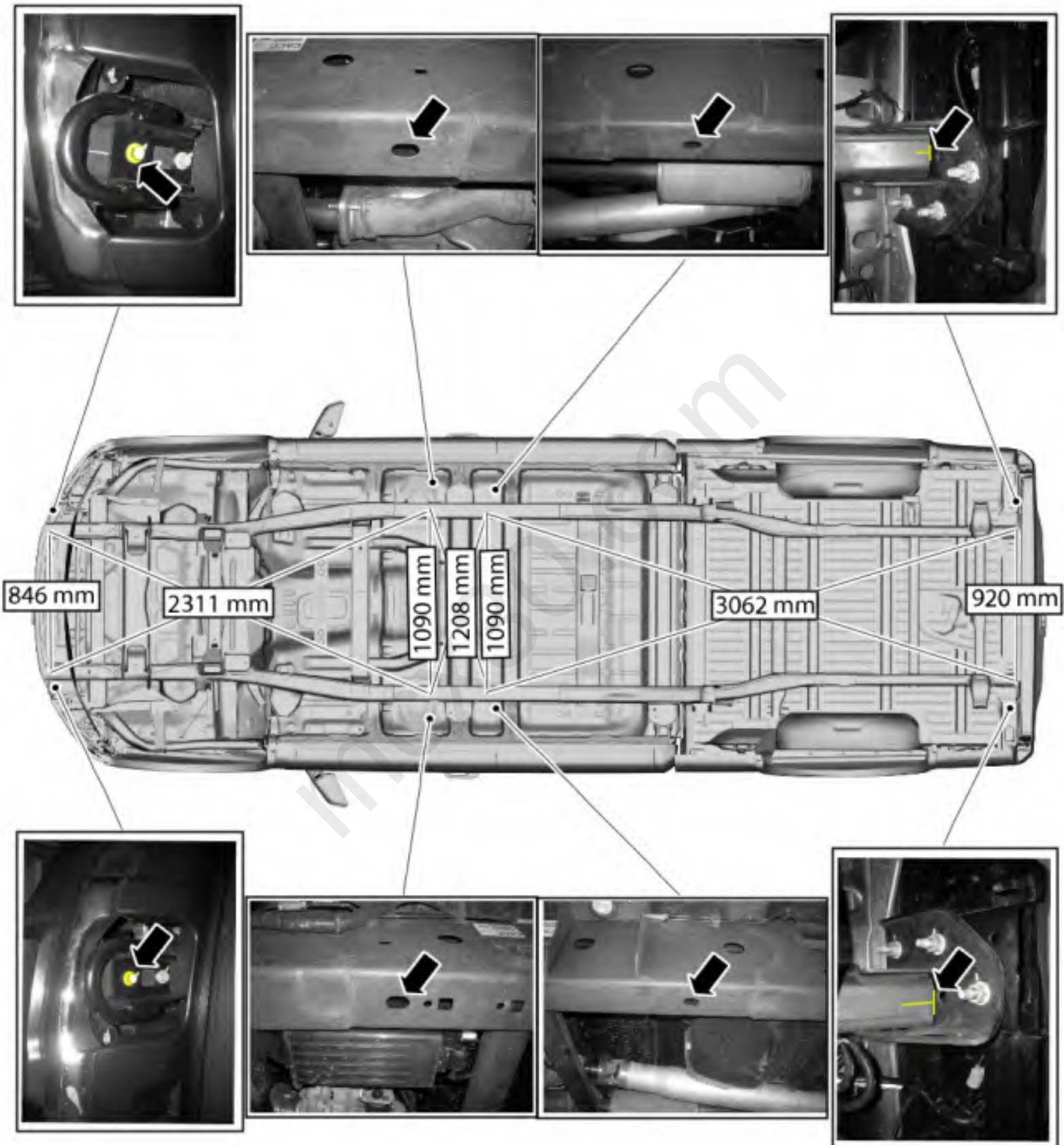




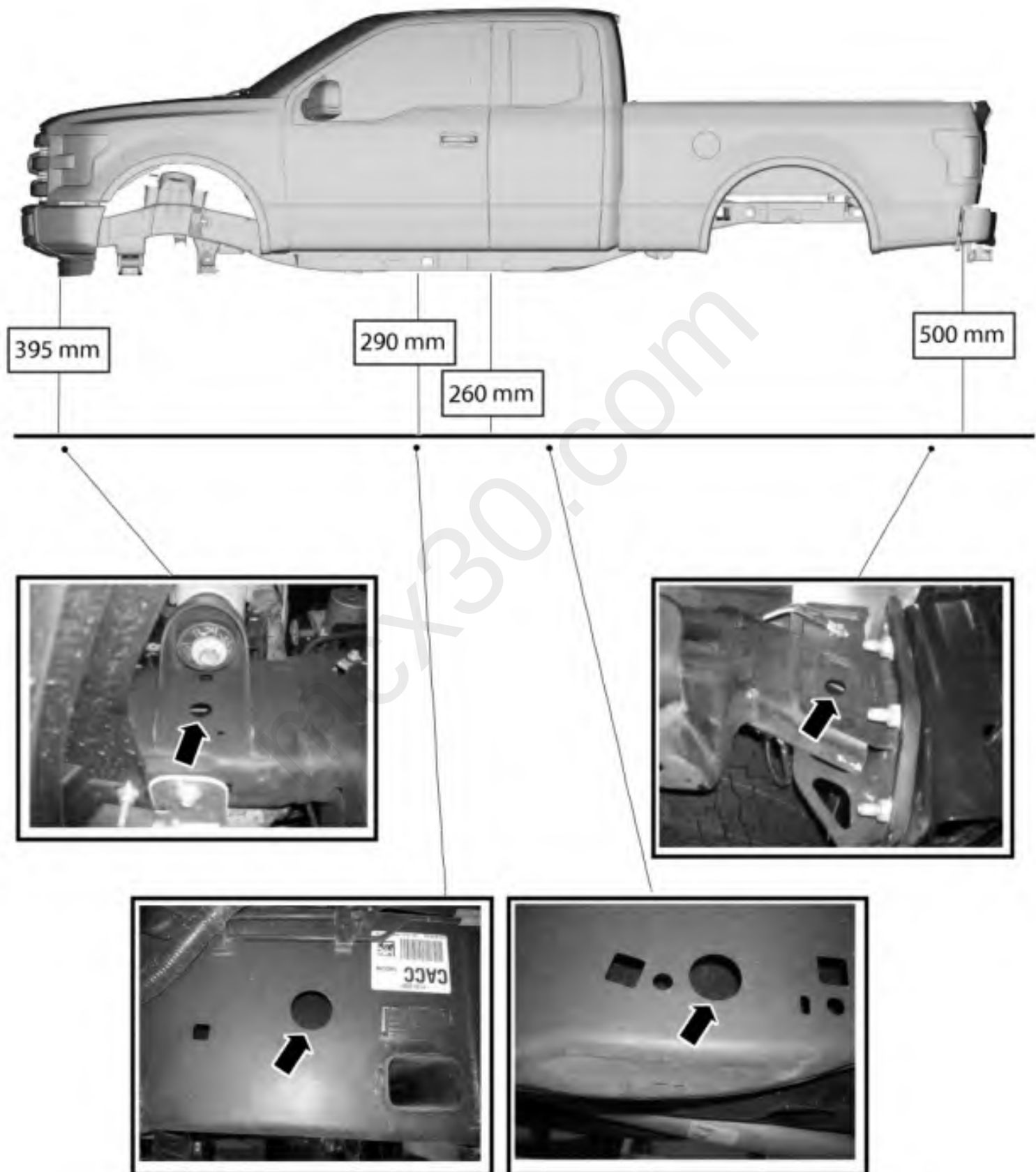
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145 Inch Wheelbase - SuperCab Underbody

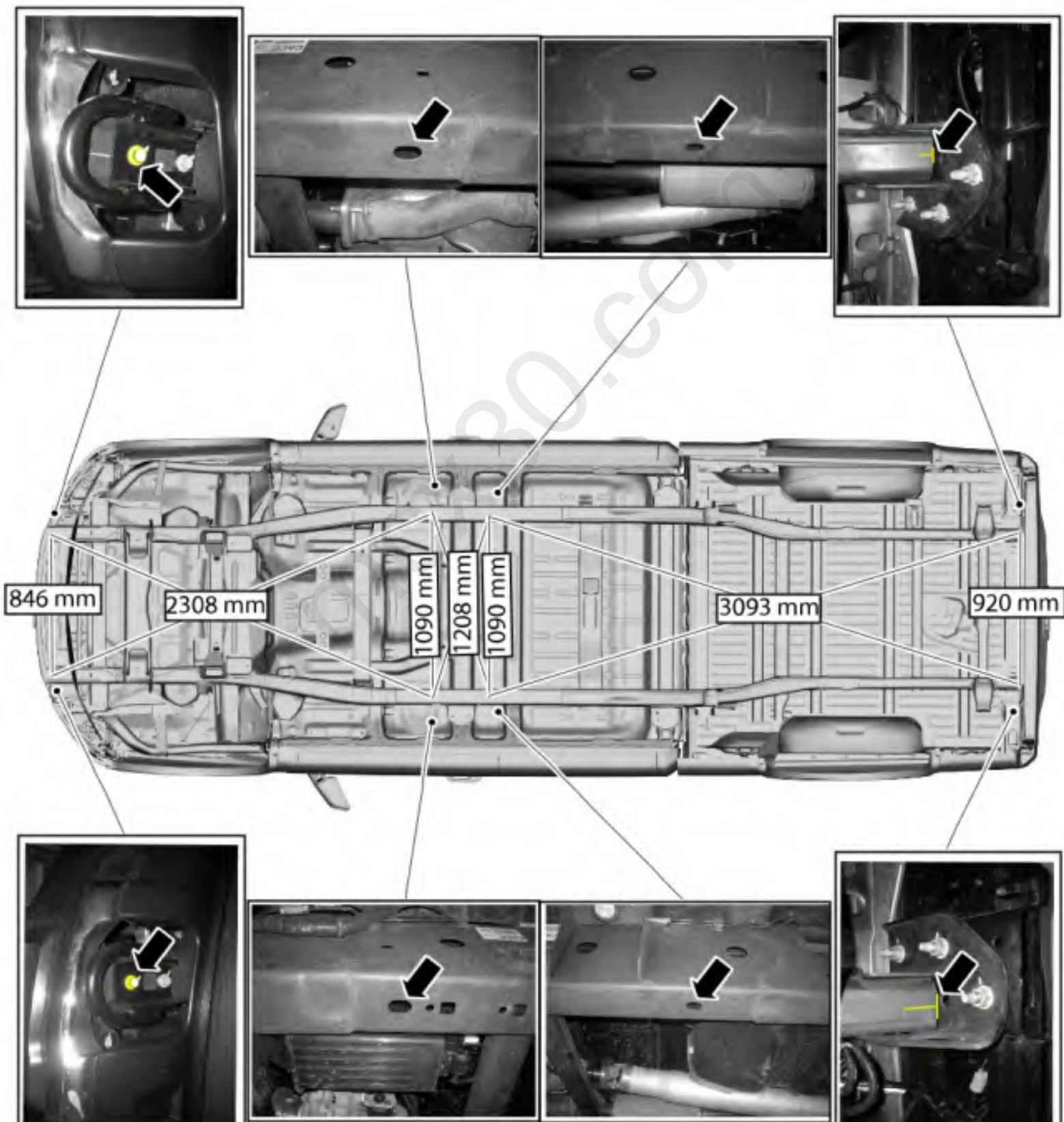
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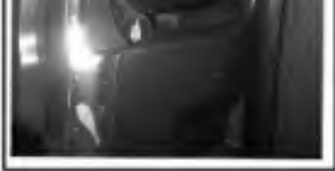


145 Inch Wheelbase - SuperCab Datum Height



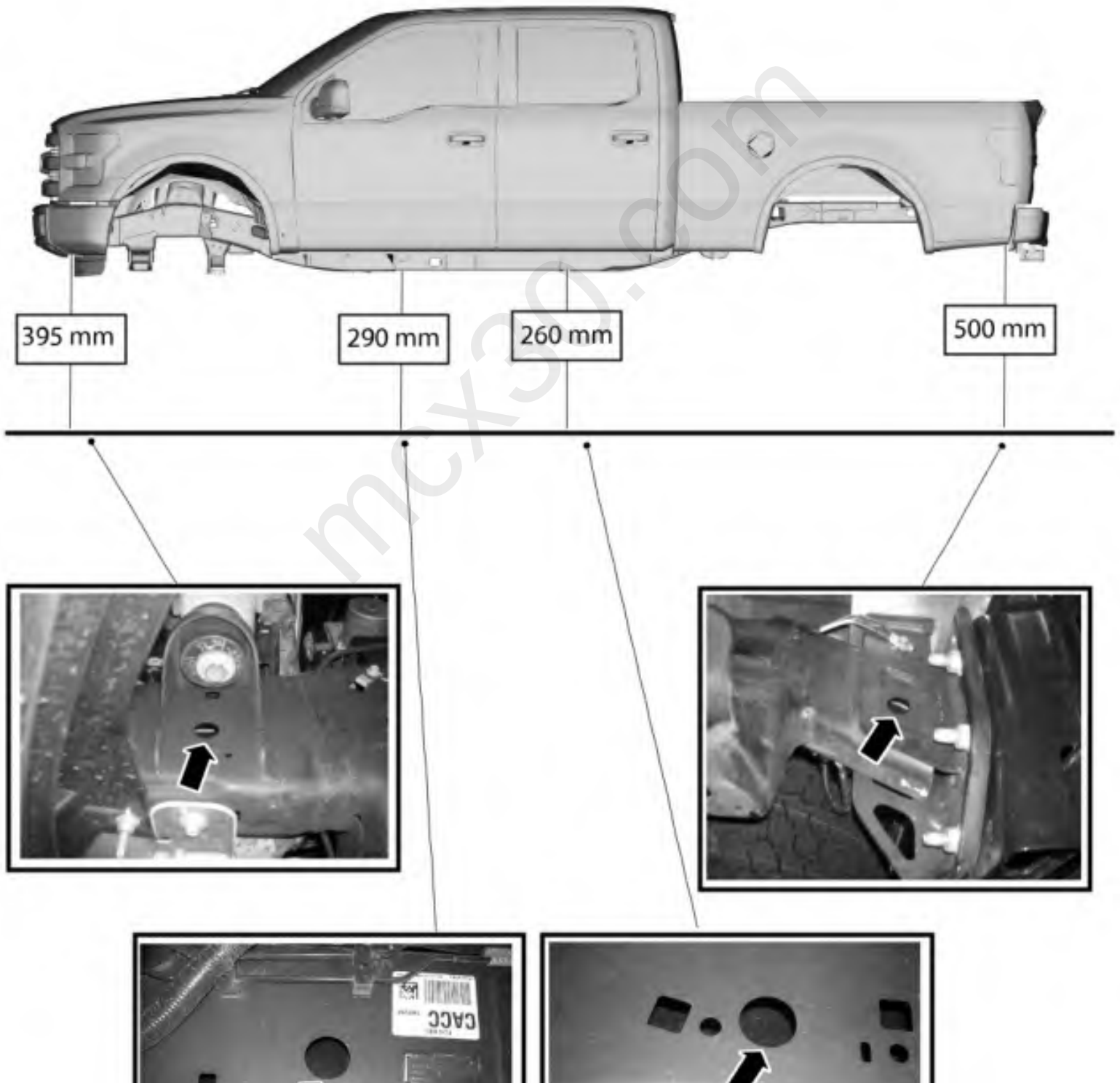
157 Inch Wheelbase - SuperCrew Underbody





E188906

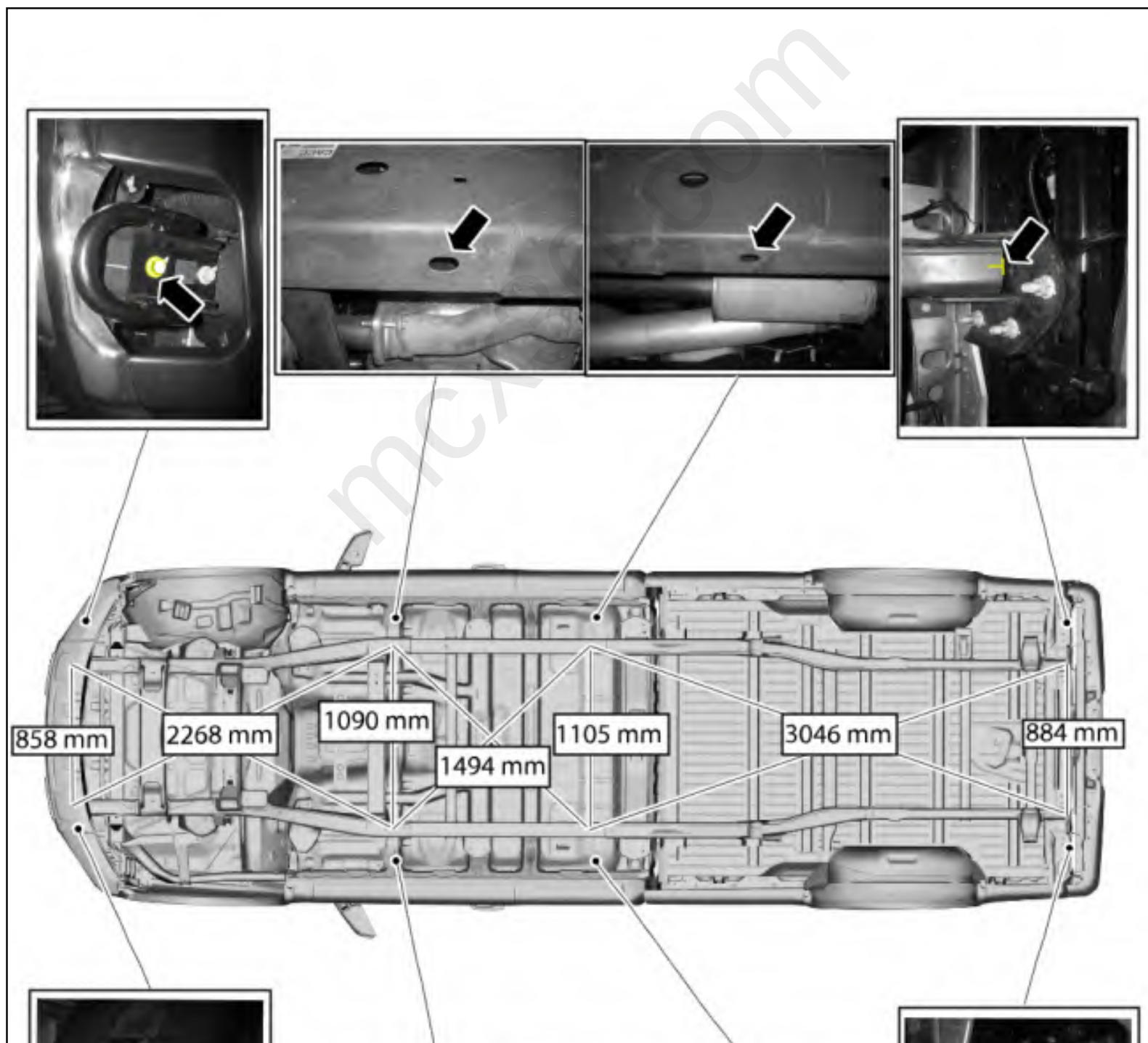
157 Inch Wheelbase SuperCrew Datum Height





E188907

163 Inch Wheelbase - SuperCab Underbody





E190939

145 Inch Wheelbase - SuperCab Datum Height





E190940

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