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Atlas Seat
Assembly Guide

Atlas GT / Atlas Formula

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ONE BASE, TWO UPPERS

GT and Formula share one base. The standard shell joint uses seven bolts. **Start assembly on page 3**.

ATLAS GT



The GT upper gives a more upright driving position.

ATLAS FORMULA



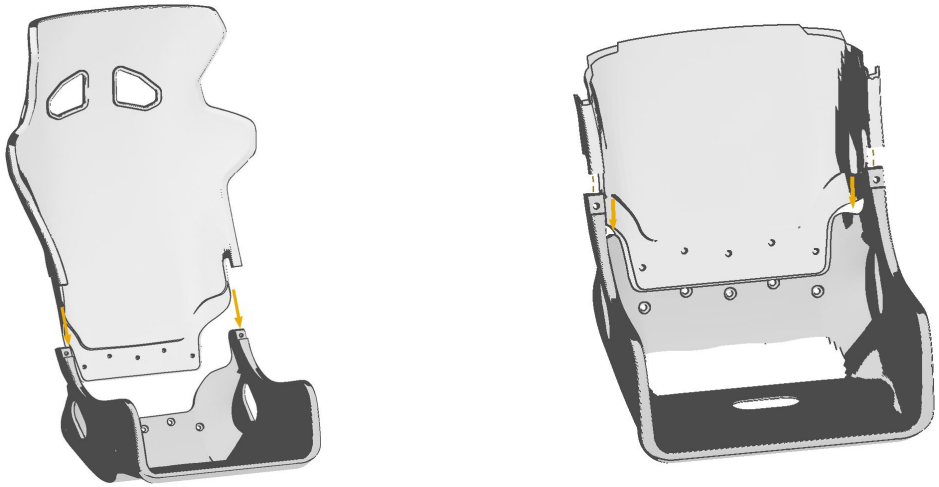
The Formula upper gives a lower, more reclined driving position.

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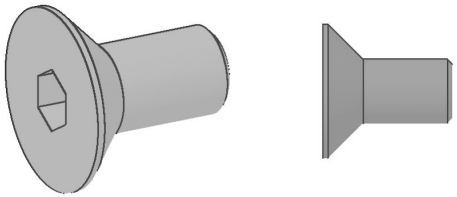
PREPARE THE TWO SHELLS

Use the same steps for the GT and Formula uppers. Leave the cushions off while you work.

LOWER THE UPPER SECTION ONTO THE BASE

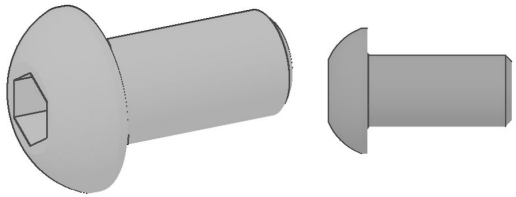


DISTINGUISH THE TWO BOLT HEADS



7 × COUNTERSUNK

Shell joint



6 × BUTTON HEAD

Seat base

PREPARE THE JOINT

- Place the lower base on a padded surface and set the cushions aside. Remove the seven pre-installed countersunk shell bolts, keeping them in their original order.
- Support the GT or Formula upper and lower it onto the rear of the base. Bring the two shell sections together at the joint.
- Align the exterior hole on each side of the joint. For the standard mount, also line up the five holes across the inside. Choose your setup on page 4.

KEEP THE BOLT GROUPS SEPARATE

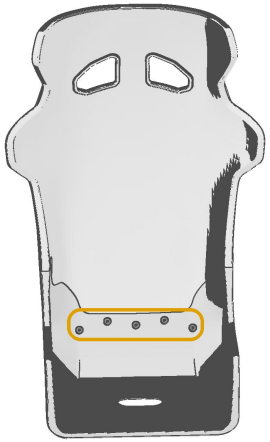
The seven shell bolts have flat, tapered heads. The six button-head bolts on the lower base have rounded heads. Keep the button-head bolts with the base for the later side fittings.

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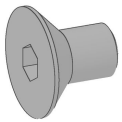
01 CHOOSE THE SHELL BOLT SETUP

Choose a setup before fitting the inner bolts. Both setups use the two longest exterior bolts.

STANDARD MOUNT / FIVE INNER BOLTS

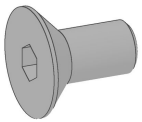


INSIDE THE SEAT



2 × SHORT

One at each end

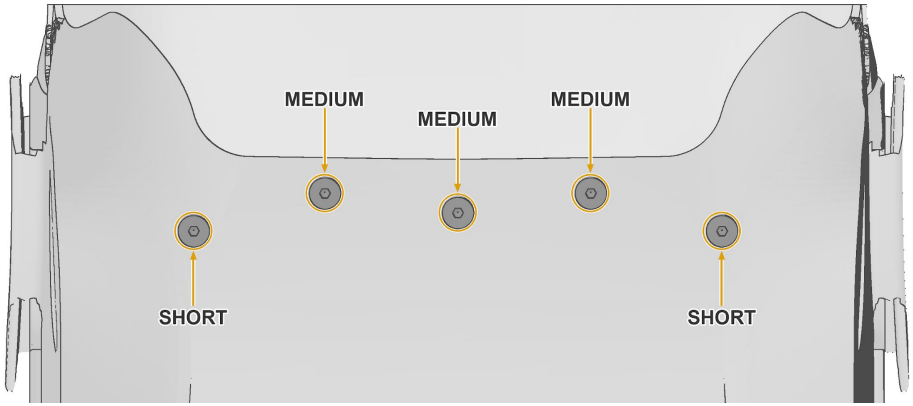


3 × MEDIUM

Three centre holes

COMPARE THE TWO LENGTHS

SHORT AT BOTH ENDS, MEDIUM IN THE CENTRE



CHOOSE BEFORE FITTING

- **The standard mount** uses all seven shell bolts. For motion cockpits or when using seat belts or a harness, SIMGASM recommends fully tightening all seven to withstand forward loads.
- If you frequently swap GT and Formula uppers on a **non-motion cockpit without seat belts or a harness**, you may use only the two longest exterior bolts, fully tightened.
- For this two-bolt setup, **remove all five inner bolts completely** and store them together. Never leave them partly threaded into the seat.

STANDARD INNER BOLT ORDER

Start a short bolt in each end hole and a medium bolt in each of the three middle holes. Support the upper and fit both exterior bolts on page 5 before fully tightening all seven.

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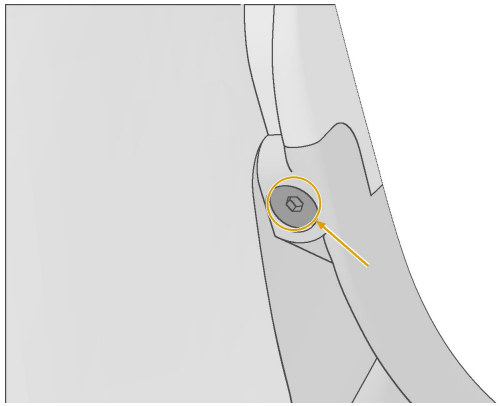
02 FIT THE TWO OUTER BOLTS

Fully tighten the two longest exterior shell bolts in both setups.

ONE EXTERIOR SHELL BOLT ON EACH SIDE



THE OUTER BOLT AT THE SHELL JOINT



OUTSIDE THE SEAT

- Support the upper and align the exterior bolt hole on each side of the shell joint.
- Start one of the two longest countersunk bolts from the outside on each side. Check that both engage by hand.
- For the standard mount, fully tighten all seven gradually, alternating sides. For the two-bolt setup, fully tighten both exterior bolts and check that all five inner holes are empty.

SWAPPING UPPERS

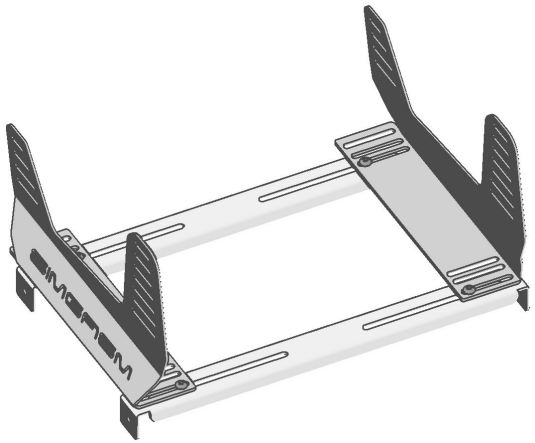
Keep all four lower seat-bracket bolts tight. Remove the cushions, support the upper and undo its shell bolts. Lift it off, fit the other upper as on pages 3–5, then fit its matching cushions.

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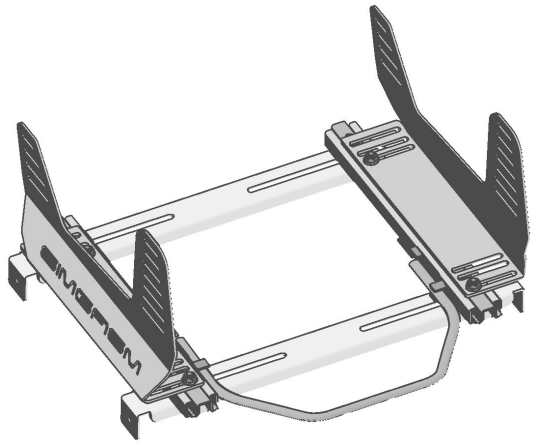
03 POSITION THE SIDE BRACKETS

Use the SIMGASM Seat Bracket Set for both GT and Formula seats.

DIRECT TO THE COCKPIT OR ON A SLIDER

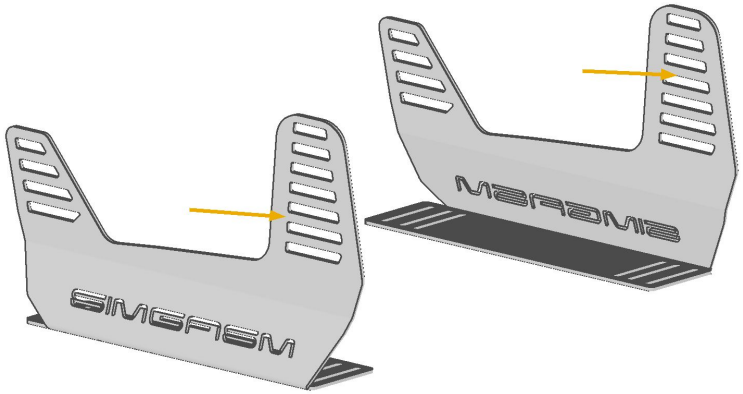


DIRECT TO THE COCKPIT



ON A SEAT SLIDER

TALL END FORWARD, FEET FACING IN



PREPARE THE SUPPORTS

- Place one bracket on each side with the foot pointing in and the taller end towards the pedals.
- For a fixed seat, use the mounting slots to attach the bracket feet to the cockpit supports. For a sliding seat, install the rails first, then attach the feet to the moving runners.
- Leave the foot fasteners loose enough to adjust the width. On the next page, fit the brackets to the supported seat. Tighten the feet after setting the seat angle.

COCKPIT OR SLIDER HARDWARE

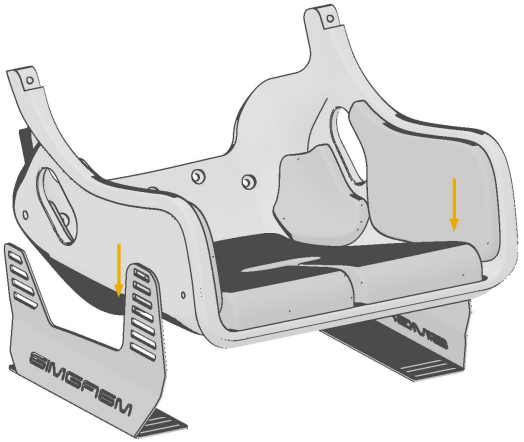
Use the fasteners specified for your cockpit or slider. The seat's button-head bolts are for its side mounting points. The bracket set and slider are available separately.

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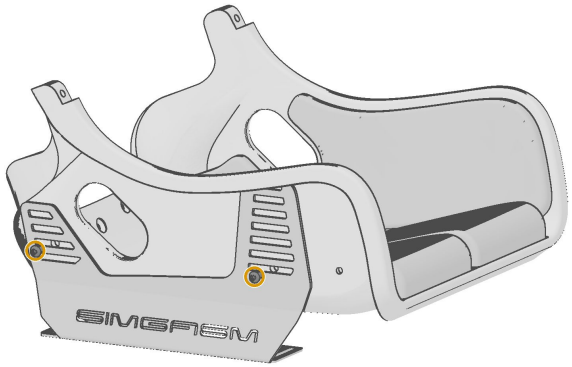
04 MOUNT THE SEAT BETWEEN THE BRACKETS

The lower base has a front and a rear seat-bracket mounting point on each side.

LOWER THE SEAT BETWEEN BOTH BRACKETS

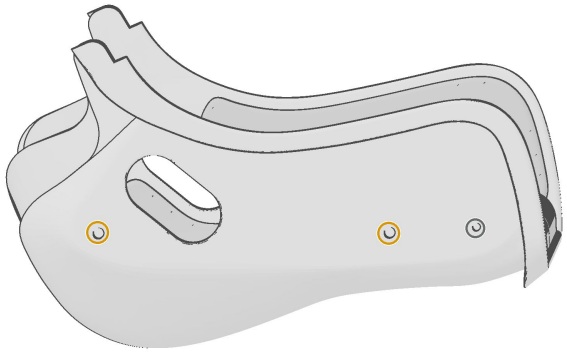


LOWER THE SEAT

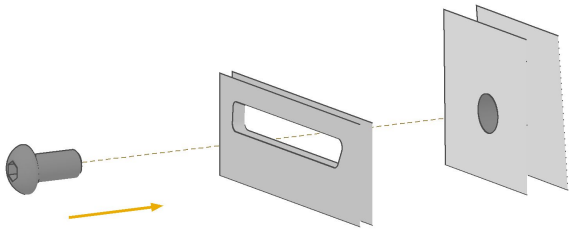


ALIGN THE SIDE BOLTS

TWO LOAD-BEARING POINTS PER SIDE



FRONT AND REAR SIDE INSERTS



BOLT FROM THE OUTSIDE

FOUR SIDE MOUNTING BOLTS

- Remove the two seat-bracket button-head bolts on each side of the lower base. Support the seat between the brackets with the front facing the pedals.
- Adjust the bracket feet to the seat width. Choose matching front and rear positions on both sides. Refit each bolt from outside the bracket into its original seat insert.
- Start all four side bolts by hand. Keep the seat supported while you set the height and angle on the next page.

IDENTIFY THE CORRECT HOLES

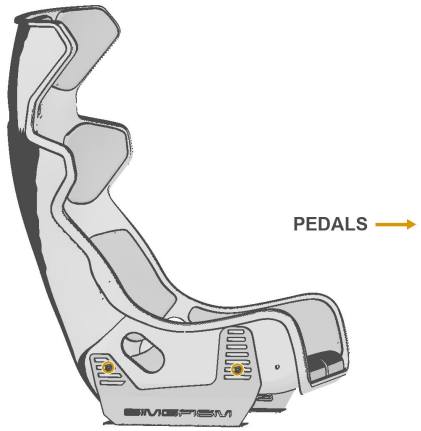
Use the two seat mounting points shown on each side. Keep the separate accessory point at the front free.

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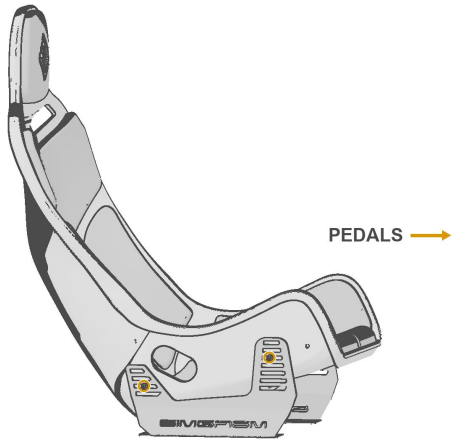
05 SET THE HEIGHT AND ANGLE

The GT and Formula examples show starting positions you can adjust to suit your cockpit.

GT AND FORMULA STARTING POSITIONS

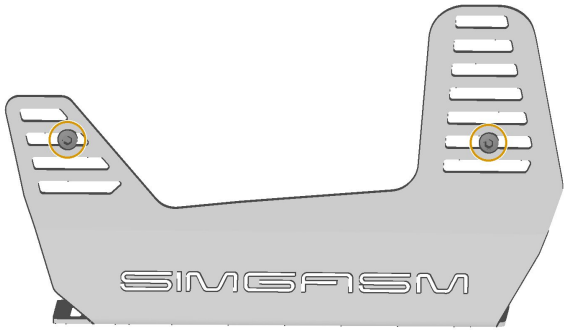


ATLAS GT / NEUTRAL

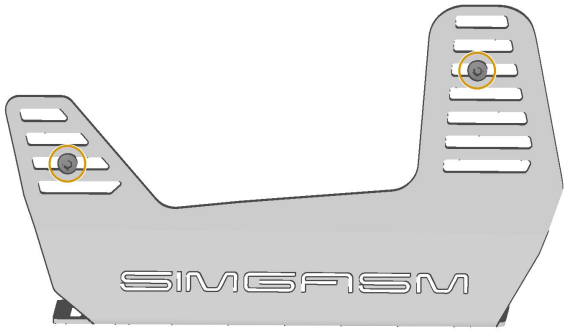


ATLAS FORMULA / RECLINED

MATCH THE LEFT AND RIGHT BRACKETS



FRONT AND REAR LEVEL



FRONT HIGHER, REAR LOWER

ADJUST THE SIDE BRACKETS

- Support the empty seat before loosening the four side bolts. To change slots, withdraw the affected bolts while supporting the seat.
- Move the front and rear mounts together to change height. Change their height relative to each other to adjust tilt. Match the front positions on both brackets, then match the rear positions.
- Start all four side bolts by hand. Tighten gradually across opposite corners, then secure both bracket feet. Check that the seat sits square.

WHERE TO START

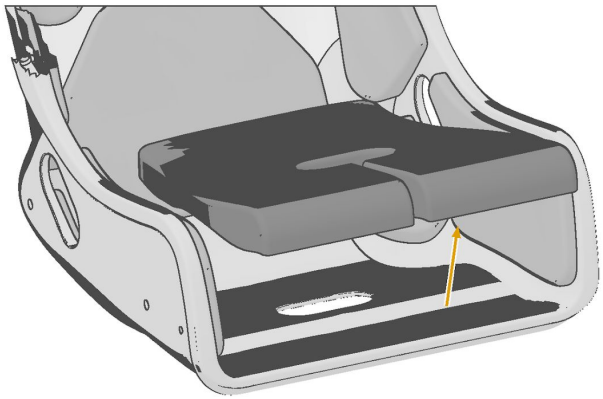
For the GT, start with the front and rear mounts level. For the Formula, start with the front higher and the rear lower for a more reclined position.

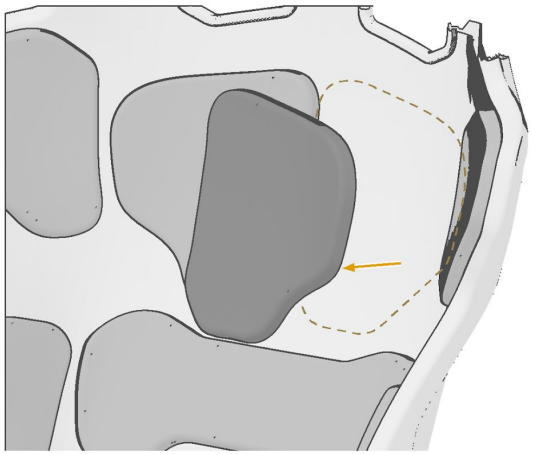
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06 FIT THE CUSHIONS

Use the cushion set that matches your GT or Formula upper.

FIT THE SEAT AND BACK CUSHIONS





OPTIONAL LUMBAR SUPPORT



ATLAS GT



ATLAS FORMULA

CUSHIONS AND SUPPORT

- Position the matching seat and back cushions inside the shell. Press each cushion into place so it lies flat.
- For extra lower-back support, add the optional lumbar cushion for your GT or Formula seat. Adjust it for comfort or remove it at any time.
- Check that the cushions stay in place and that the shell openings are clear.

WASHING THE COVERS

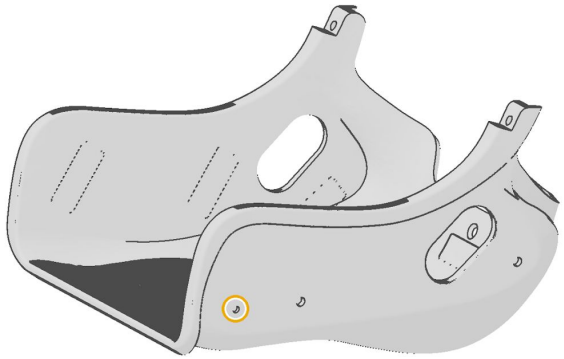
Remove the covers for a cool, gentle wash. Air-dry them fully before refitting. Air or spot-clean the foam separately.

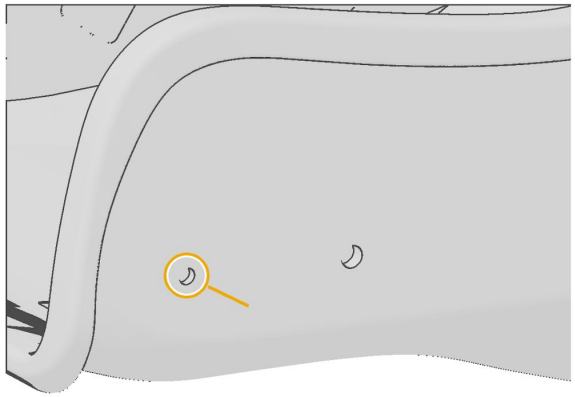
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07 ADD A FRONT ACCESSORY

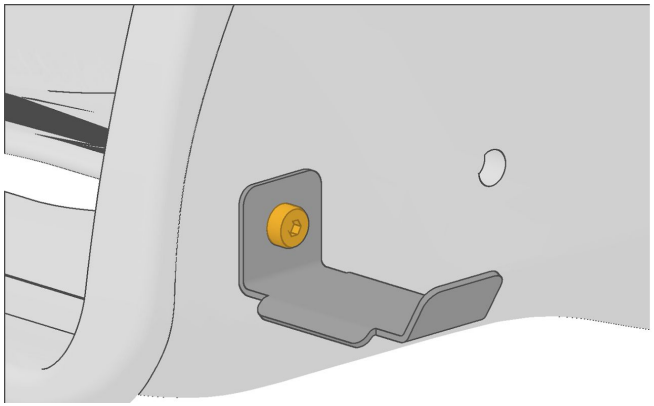
Optional / Use the dedicated point near the front of the lower base.

LOCATE THE FRONT ACCESSORY POINT





HEADSET HOLDER FITTED AND OPTIONAL CUP HOLDER





CUP OR HEADSET HOLDER

- Find the accessory hole at the front of the base. It sits ahead of the two holes used to mount the seat bracket.
- Align the mounting tab of a compatible cup holder or headset holder with this hole. Use the attachment hardware specified for the holder.
- Position the holder within reach and tighten it. If you have a slider, move the empty seat fully forward and back to check clearance.

IF YOU HAVE NO ACCESSORY

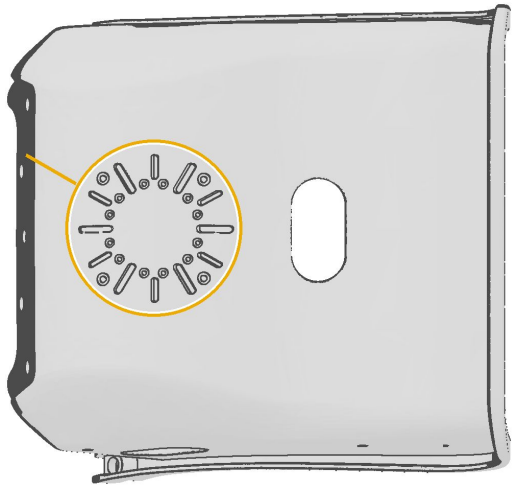
You can leave this point unused. The two bracket bolts on each side must stay in place.

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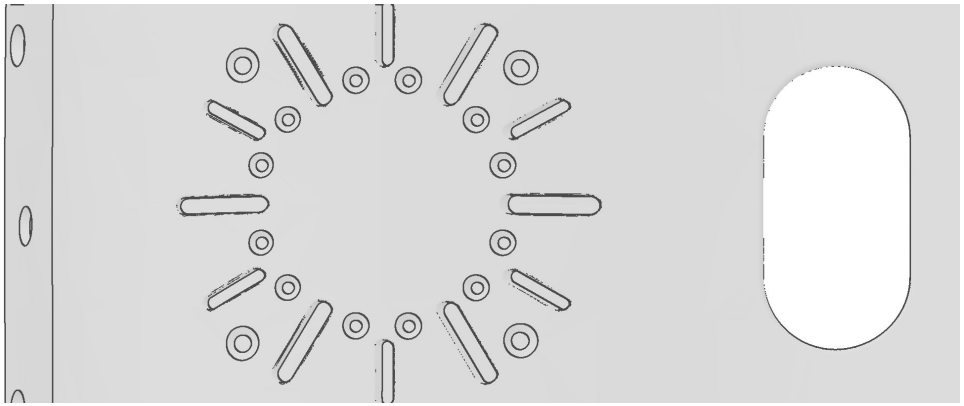
08 LOCATE THE TRANSDUCER PATTERN

Optional / Check the marked underside before drilling for a compatible bass shaker.

FIND THE MARKS UNDER THE LOWER BASE



MATCH THE MOUNTING FEET TO THE MOULDED GUIDES



CHECK THE PATTERN

- Remove the seat from the cockpit if already mounted. Support the empty shell on padding and remove cushions from the drilling area.
- Hold your transducer mounting feet or the template supplied with it against the factory marks. Use only the marks that match your model.
- Check clearance on both sides. Confirm the drill size and fixings for the transducer and composite shell. Drill only the matching positions and bolt the unit through its mounting feet.

BEFORE REFITTING THE SEAT

If the pattern does not match, leave the shell undrilled. After fitting, keep the cable and hardware clear of the cockpit supports and slider throughout its travel.

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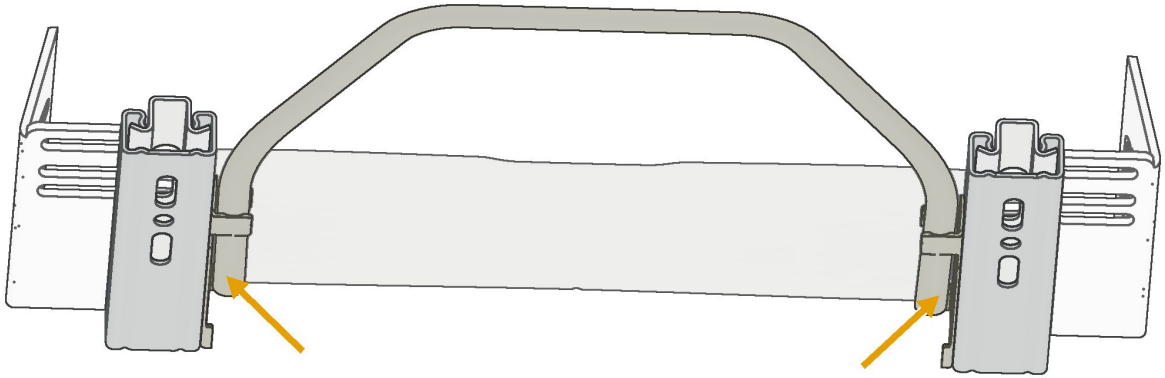
09 CHECK THE COMPLETE INSTALLATION

Make these checks with the seat empty before your first drive.

CHECK THE SHELL AND BRACKET JOINTS



IF FITTED, CHECK THE SLIDER LOCKS ON BOTH SIDES



FINAL CHECK

- Check the shell joint. With the standard mount, all seven bolts must be fully tightened. With the two-bolt option on page 4, fully tighten both exterior bolts and check all five inner holes are empty.
- In either setup, fully tighten all four lower seat-bracket bolts and the fixings at both bracket feet. Gently push and pull the empty seat to check it stays firmly in place.
- If a slider is fitted, move the seat through its full travel. Release the handle and check that both rails lock at the same position.

FROM THE DRIVING POSITION

Once the hardware is secure, sit down and check your reach to the wheel and pedals. If you need to change the angle, step out and support the seat before adjusting the brackets.

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THANK YOU

FOR YOUR PURCHASE.

Your Atlas is ready.
Enjoy your first lap.



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