

Installation Instructions for IA06SAE2B

by APS Auto Parts Specialist Inc.

Application: For 2011-2019 Ford Explorer 4-Door SUV

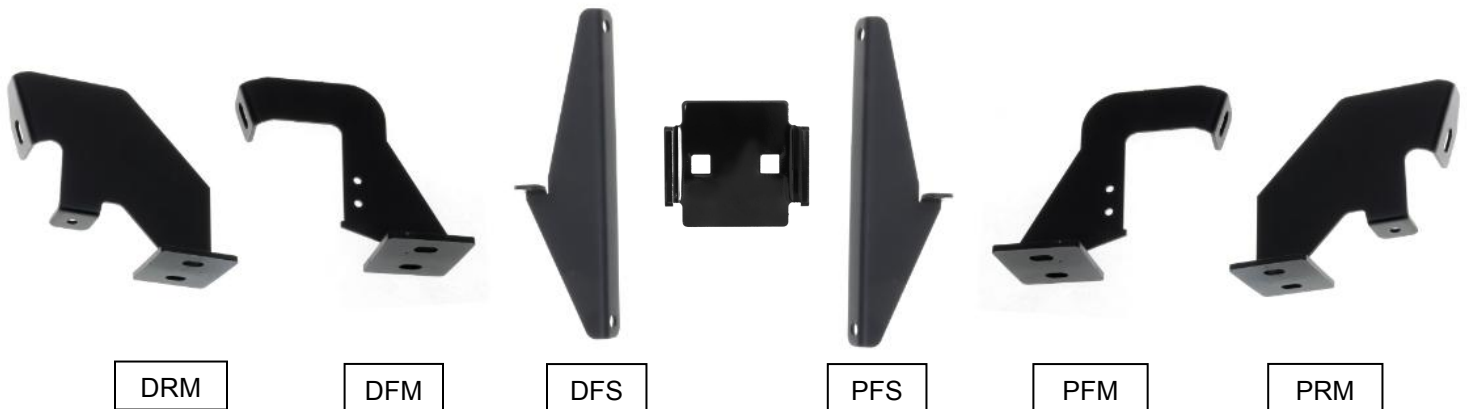
Estimated Time: 1 to 2 hours



The instruction here is for your reference only. We strongly recommend the professional installer for best result. We are not responsible for any damage caused by the installation. Thank you for choosing our product!

PARTS LIST:

Item	QTY	Description	Item	QTY	Description
#1	2	Driver/ Passenger Side Bar	#14	12	M10 Flat Washers
#2	1	Driver Front Mounting Bracket (DFM)	#15	12	M10 Lock Washers
#3	1	Passenger Front Mounting Bracket (PFM)	#16	12	M10 Hex Nuts
#4	1	Driver Rear Mounting Bracket(DRM)	#17	2	M8X1.25-25 Hex Bolts
#5	1	Passenger Rear Mounting Bracket(PRM)	#18	4	M8 Flat Washers
#6	2	Driver Front Support Bracket(DFS)	#19	2	M8 Lock Washers
#7	2	Passenger Front Support Bracket(PFS)	#20	2	M8 Hex Nuts
#8	4	2-Hole Support Bracket	#21	4	Plastic Retainers
#9	4	M12 x 40 Bolt Plates	#22	8	M10X1.5-75 Carriage Bolts
#10	4	M12 Flat Washers	#23	4	M6X1-20 Hex Bolts
#11	4	M12 Lock Washers	#24	8	M6 Flat Washers
#12	4	M12 Hex Nuts	#25	4	M6 Lock Washers
#13	4	M10 J-Bolt	#26	4	M6 Hex Nuts

2-Hole Support Bracket

DRM

DFM

DFS

PFS

PFM

PRM

PROCEDURE:

1. Verify all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
2. Unsecure the driver side rocker panel trim by releasing the plastic retainers along the bottom using a pair of small screwdrivers. With the doors open remove the two forward most retainers by sliding them down and off of the plastic rocker panel trim. **(Fig1,2)**
3. Insert (2) J-Bolts into the two slots no longer covered by the plastic retainers. Slight trimming of the plastic is recommended to add clearance for nuts and washers. **(Fig 3)**
4. Insert (1) bolt plate into the front driver side slot under the vehicle **(Fig 4)**. Use a clear plastic retainer to prevent losing the bolt plate in the body while installing the bracket. NOTE: Some models have additional sheet metal within the uni-body on the driver side front slot. Installation of bolt plate requires inserting the bolt plate threaded end first and pulling the bolt into an appropriate position with a magnet prior to installing the plastic retainer.
5. Assemble Driver Front Mounting Bracket and Driver Front Support Bracket with (2) M6-20 hex bolts,(4) M6 Flat Washers, (2) M6 Lock Washers and (2) M12 Hex nuts.Lift the rocker panel trim away from the body and install the driver side front bracket over the two j-bolts and bolt plate. Secure using (1) M12 flat washer, (1) M12 lock washer, (1) M12 hex nut, (2) M10 flat washers, (2) M10 lock washers and (2) M10 hex nuts. The step bar cradle faces the rear of the vehicle **(Fig 5)**. Do not tighten fully at this time.

6. Insert (1) bolt plate into the rear driver side slot under the vehicle using a plastic retainer. Use the rear bracket to line up where the pinch weld must be drilled such that the bracket will be square and level. The step bar cradle faces the front of the vehicle. Center punch and drill a 3/8"-7/16" hole. (Fig 6 and 7)
7. Install driver side rear bracket and secure using (1) M12 flat washer, (1) M12 lock washer, (1) M12 hex nut, (1) M8 hex head bolt, (2) M8 flat washers, (1) M8 lock washer and (1) M8 hex nut. Do not tighten fully at this time. (Fig 8)
8. Select the Driver Side Bar. Slip (2) M10X1.5-75 Carriage Bolts into each 2-Hole Support Brackets ,and insert the 2-Hole support bracket into the Driver Side Bar.(Fig 9). Carefully position the Bar onto the (4) Mounting Brackets. IMPORTANT: Do not slide the Bar on the Brackets or damage to the finish may result. Attach the Driver Side Bar to the Mounting Brackets with (2) M10 Hex Nuts,(2)10mm lock washers and (2)10mm flat washers, (Fig 10). Do not tighten hardware.
9. Level and adjust the Bar properly and tighten all hardware. **NOTE: Torque all M10 X1.5-75 Carriage Bolts to 22~25 lb-ft. Don't over tighten,or the aluminum square bars will be damaged by the brackets.**
10. Repeat Step 2-9 for the other side installation. Installation completed!!! (See Fig 11)
11. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

Products have a high quality finish that must be cared for like any other exposed finish on the vehicle. Protect the finish with a non-abrasive automotive wax, (e.g.Pure Carnauba) on a regular basis. The use of any soap, polish or wax that contains an abrasive is detrimental, as the compounds scratch the finish and open it to corrosion.

Driver Side Installation Pictured



