February 5, 2026

Technical Service Bulletin – 52

Mustang Dark Horse R Driver's Seat Options for 2026 – <u>Required for Mustang Challenge, Recommended for Mustang Cup</u>

Purpose: Updating from FIA Specification 8855-1999 to 8855-2021

Action: Install new Ford Racing Seat Mounting Plate and FIA Specification 8855-2021 Seat and Seat Brackets

Vehicle Seat Mount Configurations:

Configuration 1: 2024 DHR with welded in mount

Configuration 2: 2025 DHR with welded in mount

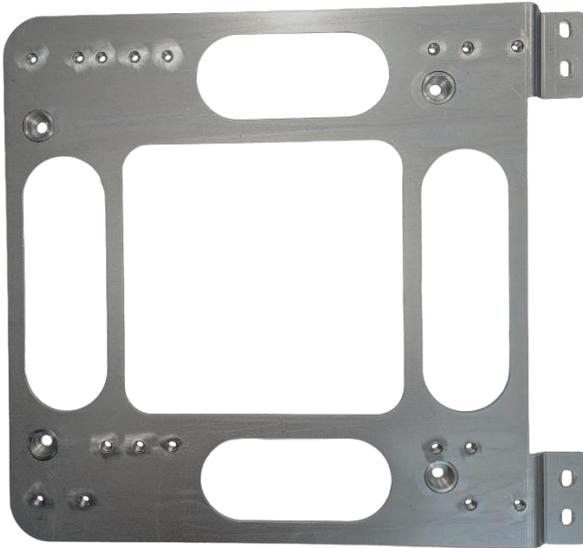Configuration 3: 2024 DHR with 2025 DHR welded in mount, modified by race teams

#1

#2 & #3

2024-2025 Seat Mounting Plate:

Used for both 2024 and 2025 DHRs, Part # FR-61704-A.

Seat & Bracket:

Seat and bracket system options meeting FIA Specification 8855-2021.

Sparco ADV-XT(8855-2021)   Sabelt Spine

Sparco ADV-XT and Seat Brackets can be purchased from the Ford Racing Dark Horse R Parts Program or authorized Sparco Dealers.

Part Description	Part Number
Seat ADV-XT (FIA 8855-2021) - SERVICE ONLY	008032FNR
Seat Mounting Brackets FIA - SERVICE ONLY	004932L

Sabelt Spine, Inserts and Seat Brackets can be purchased from Hoerr Racing Products, Mike Dreith, 704-879-4430 or authorized Sabelt Dealers.

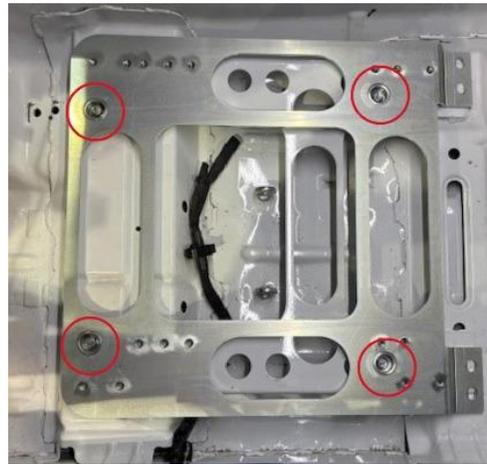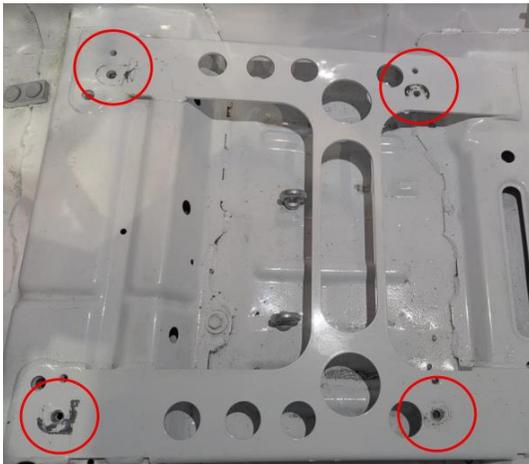| Part Description	Part Number
Spine XL Seat	SAB-RFSESPINEBASE
F12 Seat Bracket	SAB-RFST0071
Padding Kit XL	SAB-RCSPINEPADXL
Padding Kit L	SAB-RCSPINEPADL
Padding Kit M	SAB-RCSPINEPADM

General Installation Notes

- The seat mounting plate has multiple threaded holes to allow a wide range of mounting positions to suit different drivers
- The location used below for the seat mount brackets to seat mounting plate are for illustration purposes – other locations may be used as necessary
- **IT MAY BE EASIER TO FIT THE SEAT WITH SEAT BRACKETS PRE-INSTALLED AS AN ASSEMBLY DEPENDING ON SEAT TYPE AND DESIRED LOCATION**

Installation Process: Configuration 1

Install Seat Mounting Plate, FR-61704-A using the supplied property class 10.9 hardware. Apply blue locking compound to all threads before installation.

Fastener Type	Size	QTY	Torque
Hex Washer Head Flange Bolts	M10-1.5 x 25mm	2	70 Nm (52 ft-lb)
Hex Washer Head Flange Bolts	M8-1.25 x 25mm	2	25 Nm (18.5 ft-lb)

Mount Seat Brackets using the supplied property class 10.9 hardware. Apply blue locking compound to all threads before installation.

Fastener Type	Size	QTY	Torque
Hex Washer Head Flange Bolts	M10-1.5 x 25mm	4	70 Nm (52 ft-lb)

Secure the seat to the brackets using the hardware provided by the seat manufacturer.

> **Note:** Always refer to the specific manufacturer's instructions for seat-to-bracket hardware orientation and final torque requirements to ensure compliance with FIA 8855-2021 standards.
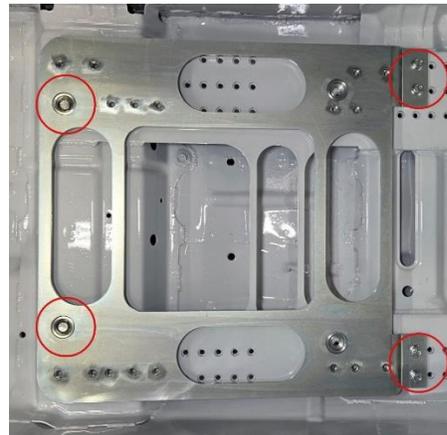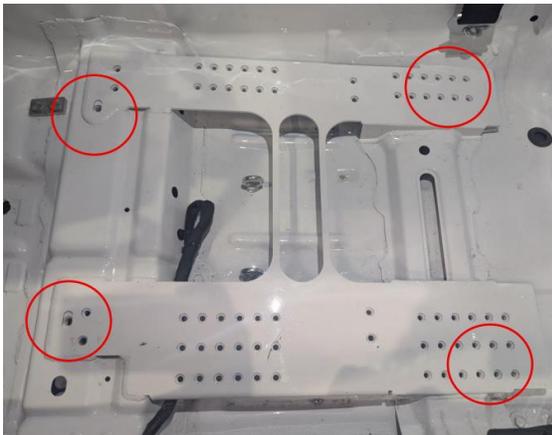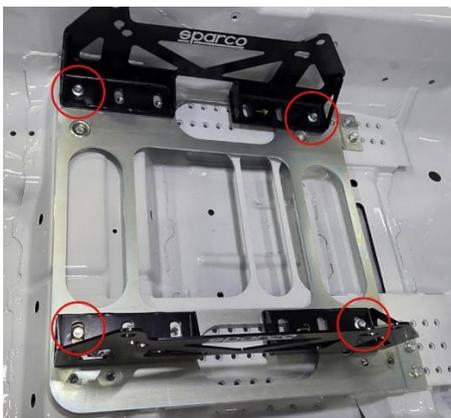
Installation Process: Configuration 2 & 3

Install Seat Mounting Plate, FR-61704-A using the supplied property class 10.9 hardware. Apply blue locking compound to all threads before installation.

Fastener Type	Size	QTY	Torque
Hex Washer Head Flange Bolts	M10-1.5 x 25mm	2	70 Nm (52 ft-lb)
Hex Washer Head Flange Bolts	M8-1.25 x 25mm	4	25 Nm (18.5 ft-lb)

Mount Seat Brackets using the supplied property class 10.9 hardware. Apply blue locking compound to all threads before installation.

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> **Note:** Always refer to the specific manufacturer's instructions for seat-to-bracket hardware orientation and final torque requirements to ensure compliance with FIA 8855-2021 standards.

Summary of Requirements
- **Hardware Grade:** Always use Property Class 10.9 or higher
- **Thread Locker:** Blue locking compound is required on all mounting bracket fasteners
- **Compliance:** Only the Sparco and Sabelt combinations listed above are homologated to the 8855-2021 specification for this vehicle