Technical Service Bulletin

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TSB0323 Factory Works Frames and Cylinders for Model Years 2021 – 2023

(This is an update to TSB1122)

The frames between the 2021 - 2023 Cobra Factory Works 50 are identical in geometry with the only difference being the 2022 & 2023 has an additional bracket allowing for an aluminum cylinder mount for additional frame structure. Customers with 2021 Factory Works needing frames will only have the 2022/23 as a replacement option.

The cylinders between 2021 and 2022/23 Cobra Factory Works 50 are identical in port timing, duct shape, and performance. The only difference being the 2022/23 cylinder has the mount on the intake side that allows the cylinder mount to the frame. Customers with 2021 needing a replacement Factory Works cylinder (ECMU0661) may use the 2022 (ECMU0761).

As it is solely a structural change, in keeping with AMA rule Section 1.2.C.3.C, customers with 2021 Factory Works may add the aluminum cylinder mount.

Also, due to supply chain issues, Cobra is not always able to keep up with customer demand for 2022/23 Factory Works cylinders (ECMU0761). This being the case, customers with 2022/23 Factory Works may run 2021 cylinders (ECMU0661) if necessary to ‘make a race’ as it will perform identically but will not allow the use of the cylinder mount.