



# Alpha Sterndrives

SERVICE  
MANUAL



Alpha One Generation II

**Alpha Sterndrives**  
SERVICE MANUAL

00-800194-07  
JANUARY 2020

# **Mercury Alpha One Gen 1 Service Manual**

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## **MerCruiser Alpha One Gen 1 Service Manual:**

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7 L 1998 2004 350 Mag 1998 2004      *MerCruiser Stern Drive Shop Manual 1998-2013* Editors of Clymer  
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web description the fractional n pll with accumulator reference architecture uses a fractional clock divider with accumulator block as the frequency divider in a pll system the frequency divider divides the frequency of the vco output signal by a fractional value to make it comparable to a pfd reference signal frequency ports input expand all

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signal in the simplest form a pll consists of a phase frequency detector pfd charge pump loop filter voltage controlled oscillator vco and a clock divider in a feedback loop

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