merCruiser STERN DRIVES & INBOARDS

service bulletin

TO: SERVICE MANAGER ☐ TECHNICIANS ☐
PARTS MANAGER ☐

No. 87-10

New Quicksilver Mirage Propellers

A new family of high performance, stainless steel propellers is now available from Quicksilver for use on TRS and Alpha One stern drives . . . The Mirage™.

Rubber Hub Version

Dia.	Pitch	LH Rotation	RH Rotation
14-1/2”	25”	48-13707A40	48-13706A40
14-5/8”	23”	48-13705A40	48-13704A40
14-3/4”	21”	48-13703A40	48-13702A40
15-1/4”	19”	48-13701A40	48-13700A40

Solid Hub Version

Dia.	Pitch	LH Rotation	RH Rotation
14-1/2”	25”	48-13247A4	48-13248A5
14-5/8”	23”	48-13245A5	48-13246A5
14-3/4”	21”	48-13243A5	48-13244A5
15-1/4”	19”	48-13241A5	48-13242A5

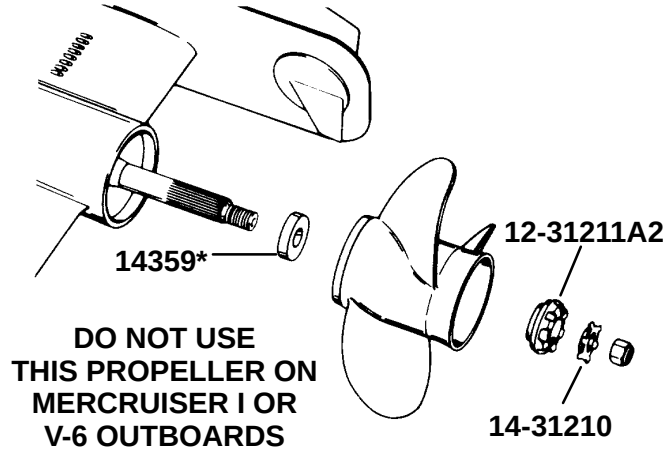
The Mirage series is designed primarily for MerCruiser TRS stern drives with 454 cubic inch engines, though some Alpha One performance applications may also benefit from their use. The large diameter and special blade configuration of these propellers require that the stern drive unit be mounted 1” to 3” higher than the standard “X” dimension to derive the full performance potential. The Mirage propellers are intended for applications where the current “Cleaver” propellers are being used and, in most cases, will afford the following advantages:

1. Superior holding ability
2. Significantly better acceleration
3. Greatly improved mid-range performance
4. Better mid-range fuel economy
5. Increased top end performance

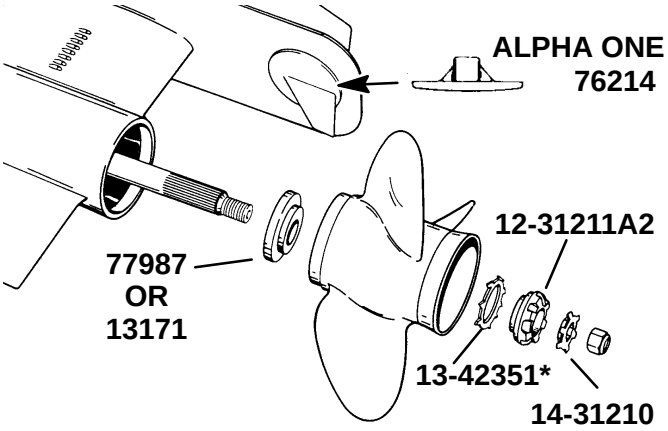
Mirage propellers are available in right or left-hand rotation with either a solid hub or Flo Torq shock-absorbing rubber hub. The solid hub version is recommended for applications above 370 horsepower, whereas the rubber hub version should be used on applications with 370 horsepower and below to take advantage of their shock-absorbing capabilities. Alpha One models must be equipped with the rubber hub version.

The solid hub Mirages are hand-ground to a satin finish, while the rubber hub propellers have a Dura-Tec™ finish. This mirror-like finish is the same process used on the Quicksilver Laser™ propellers. The rubber hub version also features a silicone brass splined drive for superior corrosion resistance and ease of propeller removal, even after extended exposure to salt water.

The attaching hardware for both Mirage versions is shown in the following drawing. Note that forward thrust hub, 13171 or 77987 must be ordered separately when using the rubber hub version on a TRS and anodic plate 76214 must be ordered separatley when using the rubber hub version on an Alpha One. When using the rubber hub version on applications with the drive unit(s) mounted more than 2” above the standard “X” dimesion, forward thrust hub 13171 must be used.



SOLID HUB



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RUBBER HUB

* Included with propeller

** Standard equipment on TRS and Alpha One

*** Standard equipment on Alpha One. Must be ordered separately on TRS

The Mirage propellers represent a significant advancement in high performance propeller technology and is another example of our commitment to performance dominance. Because of their overwhelming superiority, the Mirage propellers will be the only propellers offered for TRS stern drives. The current right and left-hand rotation solid hub Cleavers and left-hand rotation rubber hub Cleavers will be discontinued when current inventories are depleted. The solid hub Cleavers will be superseded to equivalent solid hub Mirage propellers, while the left-hand rubber hub Cleavers will be made N.L.A. (no longer available). The right-hand rubber hub Cleavers will still be offered for Alpha One models. When ordering Mirage propellers as replacements for Cleaver propellers, generally a pitch-for-pitch relationship exists. Mirage and Cleaver propellers should not be intermixed on dual installations.