

BLACKHAWK

Electronic Measuring System

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← 2	2 →	1
Width	Width	Width
-32	-18	-1
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↓ 38	33	0



Electronic Measuring System

BLACKHAWK®

Accurate, Repeatable, Durable

The Shark is a computerized electronic measuring system that relies on ultrasound technology for dramatic productivity improvements and the industry's best speed and accuracy. The Shark provides live "measure-as-you-pull" functionality that virtually eliminates costly rework.



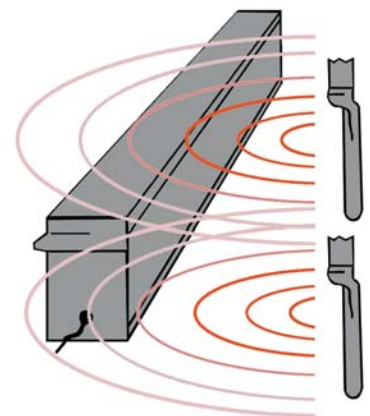
The Shark will enable you to:

- Get accurate measurements the first time, every time
- Monitor up to 12 live measurement points and **see results as you pull**
- Save time and money by avoiding rework and stopping to fix hidden issues
- **MAKE MORE MONEY!**



Award-Winning Ultrasound Technology

The Shark uses ultrasound technology to collect measurements and track your repairs. Emitters on the probes are attached to the vehicle at specific points and send ultrasonic signals that are received by high-frequency microphones located in the light-weight extruded aluminum beam. The results are compared to manufacturer specs and any problem areas are identified automatically. This leaves the operator free to concentrate on straightening, not on how to collect measurements.



How The Shark Works

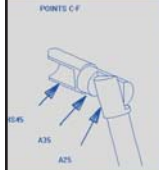
- The Shark relies on microphones located in the beam & ultrasound emitter probes placed at pre-defined points on the vehicle
- The beam is made of lightweight aluminum, goes anywhere, and is light enough for one technician to handle
- The Shark does not require a level rack, level car or level beam to provide the industry's most accurate measurements
- The technician has the option of viewing digital photo images of each attachment point and following the step-by-step guides for connecting accessories and probes
- The probes are attached to the vehicle at the appropriate control points. Probes can be placed closely together & still maintain accurate readings - a feature not found on competitive systems
- The Shark console provides a live depiction of these control points and their variance from manufacturer specs with vivid, easy-to-read graphics
- During repair, these measurements are displayed as they change, allowing for extremely accurate, "right the first time" pulls and eliminating the back-and-forth process associated with competitive models
- Upper-body and under-hood measurements are obtained with ease using the included accessory, eliminating the need for any mechanical measuring devices or bridges
- An optional, second upper-body measuring accessory further improves job times
- Before and after-repair measurements are captured for reporting purposes
- PDFs can be saved and e-mailed to the customer's insurance company



Productivity-Enhancing Software Features

Supplementary Datasheet Screen

Using the most comprehensive database in the industry, the Shark details each step of the repair process - including overlooked items that end up hitting your productivity and bottom line. The Shark boosts your estimating accuracy by including every step required, providing accurate estimates and putting more money in your pocket from insurance claims.

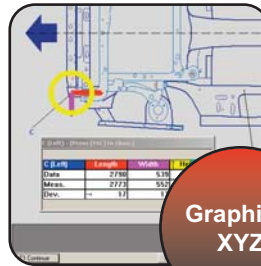
POINTS C/F	POINT	NOTES
	B	REMOVE CANISTER AND SHIELD
	C/D E/G	REMOVE BUMPER COVER
	F	SEE ILLUSTRATION
	J/S W	REMOVE BOLTS
	D	REMOVE DOOR STAY
	P	REMOVE STRIKER PLATE SEE ILLUSTRATIONS

Live Measurement Display Options

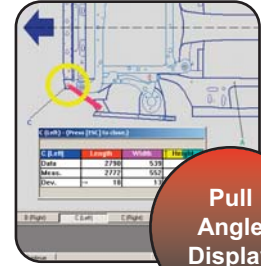
Live measurements enable real time feedback of your pulls, saving time and putting more money in your pocket. Three available display options of these measurements cover every technician's preference. The XYZ coordinate option provides easy-to-read distance and direction. Graphical displays of XYZ coordinates and of net pull angles are also available.

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XYZ
Display



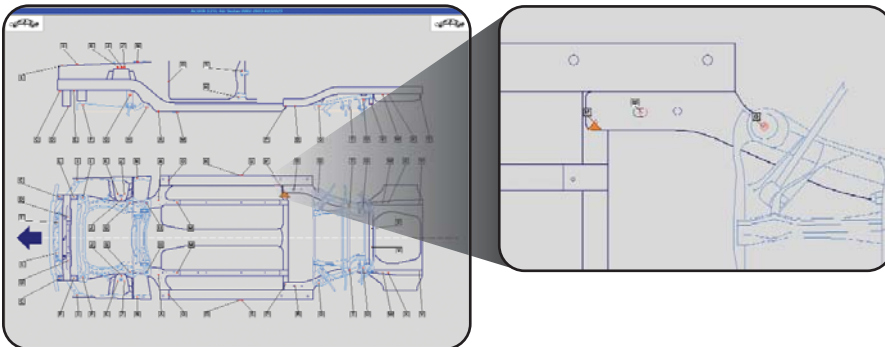
Graphical
XYZ



Pull
Angle
Display

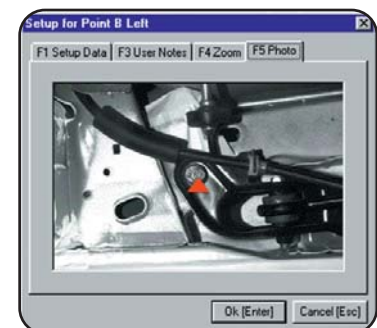
15x Zoom of Attachment Points

A technician favorite that improves productivity, the 15x Zoom feature displays an easy-to-see image of each attachment point as the technician moves through the attachment process, eliminating the need to stop and go back to the monitor to review them.



Digital Photos of Attachment Points

Digital photographs of the appropriate attachment point provide a handy resource and guarantee accuracy.



Snap-on Equipment

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