

## PARTS REQUEST

As a courtesy to knife owners, CRKT® provides replacement parts for most of our models. There is a diagram below for reference when placing your parts order to ensure that you are requesting the correct parts.

The Fasteners on most of our knives are Torx #5, #6 or #8. You will need a Torx driver or wrench kit to replace these parts. You can purchase a Torx driver wrench from tool dealers or at hardware stores. Also available through CRKT® is the [Get-A-Way Driver Torx \(9095\)](#).

We do not provide blade replacement at this time.

Parts Orders may take up to 2 weeks to process. Please allow up to 3 weeks for delivery.

To insure timely processing of your parts request, please verify information before submitting.



## SPECIFICATIONS, COLORS, AND FINISHES.

### A note about specifications on this web site and in our catalogs.

Columbia River Knife & Tool® has an active quality assurance program, and carefully checks every product throughout its production run. We arrive at published specifications by weighing and measuring prototypes and early production samples. However, the buyer should understand that minor variations may occur.

### Blade lengths.

Blade lengths are measured according to 2006 American Knife and Tool Institute guidelines. However, blade grinds and edges are still processes done by hand by skilled workers, so there will be slight variations. In general, these may result in a difference in blade lengths of a few thousandths of an inch.

### Weights.

Published weights of knives manufactured by automated processes, such as stamping, laser cutting, CNC machining and injection molding, will show very little variation in finished products. When products use hand-shaped natural materials such as leather, hardwood, bone and horn, some slight variation in weights should be expected.

When different edges are available on a given knife, we publish weights for knives with Razor-Sharp (plain) edges. Obviously, those models with Triple-Point™ or Veff™ Serrations weigh a fraction of an ounce less than the plain-edged models.

### Colors and textures.

Colors and textures in photographs are as close as modern reproduction processes permit, but variations occur in finishing processes such as anodizing and titanium nitride coating, our swirled CPL scales, in layered resin impregnated fiber and G10, and in natural materials such as leather, bone, hardwood, and horn, so visit your local CRKT® retailer and view actual products under natural lighting conditions to ensure complete satisfaction.

### Beware of counterfeit CRKT® products.

If you encounter a "CRKT®" product which varies significantly from our published specs, it may be a counterfeit. We have encountered a variety of fraudulent CRKT® counterfeit products on websites and through unauthorized back door channels.

### Specifications on CRKT® products are subject to change without notice.

## COUNTERFEITS

BEWARE OF COUNTERFEIT KNIVES BEARING THE COLUMBIA RIVER KNIFE & TOOL® (CRKT®) TRADEMARK.

As a manufacturer of quality knives and tools, Columbia River Knife & Tool® (CRKT®) has worked hard over the past 15 years to build a brand recognized for quality and value.

Our knives are sold throughout the world, and have received many accolades from international knife expositions and magazines.

The downside of this success is that our products, like those of Rolex® and Microsoft®, are now being counterfeited by unknown and unauthorized companies which we believe to be in China. Many of these knives are sold on web sites at ridiculously low prices, although we have also found blatant knockoffs being retailed in Iraq and other countries. The counterfeiting is taking two forms.

### Cheap copies of actual CRKT® designs.

Some rip-off artists are making cheap copies of popular CRKT® designs. These copies look similar to our products, but are usually shoddily made using inferior steels, coatings and handle materials. They illegally feature the CRKT® logo and markings.

When viewed on a low-resolution web site image, these knives can't be distinguished from the real thing. However, when handled and compared to a real CRKT® knife, their lack of quality, poor assembly, and inferior folding and locking action is obvious. The buyer will also notice lesser edge-holding ability after a little use.

### Unrelated designs with the CRKT® logo.

A visit to the Chinese eBay web site will reveal an array of strange and inferior knife designs which have never been produced by CRKT®, but which display the CRKT® logo prominently. Again, this is a violation of international trademark law. Similar rip-offs are originating in South Africa.



Worse from our point of view, is the suggestion that we would design and manufacture such junk products. We have taken pride that CRKT® products are designed by some of the world's leading custom knifemakers and industrial designers. So these knockoffs are doubly insulting to our brand name: both poor in quality and poor in design.

### A knockoff comparison.

We received a memo, and later the counterfeit M16®-14SF knife and packaging (shown in the photo below at right) purchased by Lt. Col. Scott V., stationed with coalition troops in Iraq. He stated, "Thank you for your interest, and the time you have spent in dealing with the suspected counterfeit knife I purchased in Iraq. I have enjoyed my time as a knife detective and hope that this whole process can in some way help CRKT®. I have enjoyed your knives for years and will continue to do so in the future."



The knife/package he forwarded was illegal and deceptive in almost every measurable way, including.

- + A poorly reproduced “CRKT” clasp package with name, trademark, artwork copyright and country of origin violations, complete with a duplicated UPC code. Plastic and printing quality was far lower than a genuine CRKT® clasp.

## The knife itself is deficient in almost every visible and measurable way.

- + Poor lockup. The counterfeit locking liner allows vertical play. It closes with a “clunk” instead of the crisp “snap” of the genuine product.
- + Different pivot screw. It is flat, not checkered like the original.
- + Shoddy substitute thumb studs. The knockoff thumb studs are misaligned and loose. They are not checkered for grip.
- + Crude rip-off of patented Locking Liner Safety mechanism. The counterfeit uses an illegal copy of the Locking Liner Safety mechanism which is covered by U.S. patent 5,596,808. The sample’s actuating lever is badly bent. In contrast, genuine CRKT® M16-14SF models come with our patented Automated Liner Safety which is marked with a red dot and automatically converts the folder into a strong, rigid knife when opened and locked.
- + Under weight and dimensions. The counterfeit knife is slightly shorter, has thinner aluminum scales and weighs only 5.2 ounces. There is considerable compression flex in the frame with hand pressure. The genuine M16-14SF weighs 5.4 ounces, and its heavier 6061 T6 aluminum scales yield virtually no flex from hand pressure.
- + Visibly crude blade grind. The counterfeit blade grind is noticeably different from the genuine M16-14SF designed by Kit Carson. The counterfeit blade also shows pitting and grind marks.

We could go on about inferior materials, construction, coatings and finishes on this knockoff, but that is not our point. The counterfeit sample is a demonstrably inferior product, cunningly designed to deceive the consumer.

## More are out there.

After first posting of the above web story, we received this email: “I have never owned a CRKT® knife, but have always heard about what great quality knives they are. I recently was given an M16-14SF as a thank you from a US Soldier. After just a couple uses, I noticed all of the screws starting to come loose on the knife. I was about to send you a message asking if this is typical with your knives. Then I noticed the counterfeit page, and discovered that this is a counterfeit. Hopefully when I get back, I will be able to purchase an actual CRKT.” -- Kenneth P., International Police Advisor, Iraq

## Consumer awareness.

How can the consumer know what is a genuine CRKT® product? After describing the M16® knockoff above, it is clear that the “knife pirates” are good at deception. But the knife buyer can easily protect himself or herself by just remembering a few important points:

- + Buy from a reputable dealer. If you buy a CRKT® product from a reputable retailer, whether cutlery, sporting goods, hardware or department store, or a known internet retailer, you can be sure that you are receiving a genuine product and that the retailer and CRKT® will stand behind the product. Your purchase of the new CRKT® products will be covered by our appropriate warranties, including our excellent Limited Lifetime Warranty on new knives.

## Who is damaged by knife piracy?

No one wins when a hidden factory overseas decides to counterfeit a shoddy knife or tool product.

The manufacturer and the designer have their reputations and their brand name damaged. The legitimate dealer loses sales to these much-lower-priced products. But the consumer takes the most risk for several reasons.

First, the consumer takes the risk of serious product defects, and the possibility of product failure and/or injury. The knockoff pirate company is not to be found to make good on the failure, or even to be pursued for damage claims.

Second, the inferior quality of knockoffs usually results in poor performance, reduced edge-holding ability and short product life. These are not the real CRKT® knives and tools that users tell us they cherish for years and years.

If it seems too good to be true, it probably is. As much as we all love a bargain, we recommend that the consumer should shop carefully.

At conventional retailers, examine and compare the products you want to buy. This gives you the ability to see finish colors and textures which vary somewhat, especially in natural and swirled CPL materials. It gives the consumer a chance to check the action of folding knives, the carry capabilities of sheaths, and the working ability of tools.

When buying via mail order or e-tailers, select those that have satisfaction-guaranteed return policies. Then you can always return a knockoff product that doesn’t measure up to genuine CRKT® quality standards.

In both of the above cases, CRKT® stands behind the quality products we make. We, in concert with other concerned manufacturers, are taking all possible legal measures to put the knife and tool counterfeiters out of business, but this is an international problem that is not going to be quickly resolved.

Remember that we don’t make the counterfeit junk that is out there in the dark shadows of the marketplace. It is up to the consumer to do the research, compare products, and be suspicious of any product priced “too good to be true.”

# TOOL AND KNIFE CARE

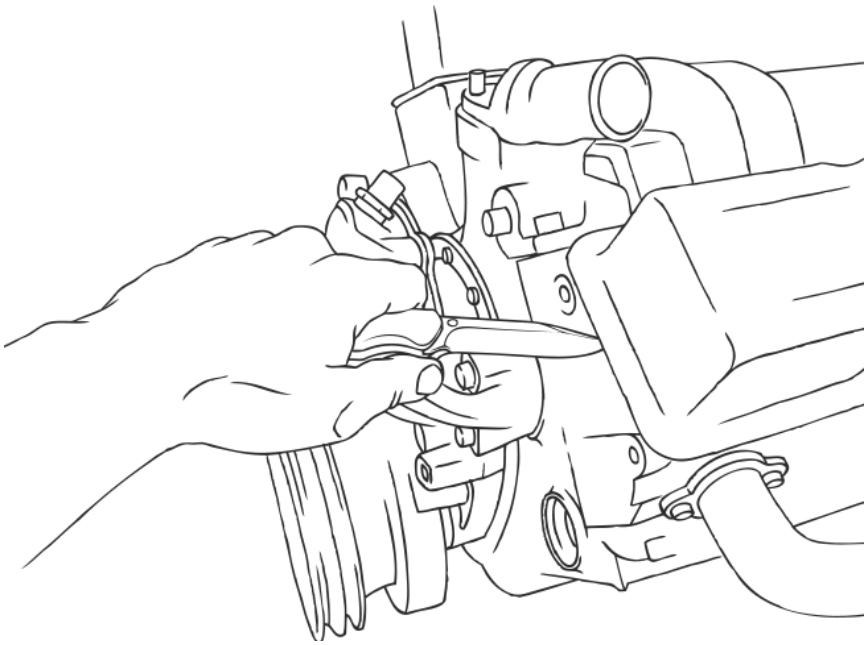
Take care of your tools and they will take care of you for a lifetime.

## THERE'S NO ROOM FOR CUT CORNERS WHEN IT COMES TO TOOL CARE.

You've made a substantial investment in your tools, with careful decisions about utility, quality, and even style made along the way. You have every reason to take pride in them. For you, tools represent your ability to take matters into your own hands and solve problems that would have others calling for help. They represent independence.

Keep that in mind the next time you cut corners with maintenance, or apply a tool to a task it wasn't built for. In the long run, it's not worth the time or effort you save.

## TOOL ABUSE

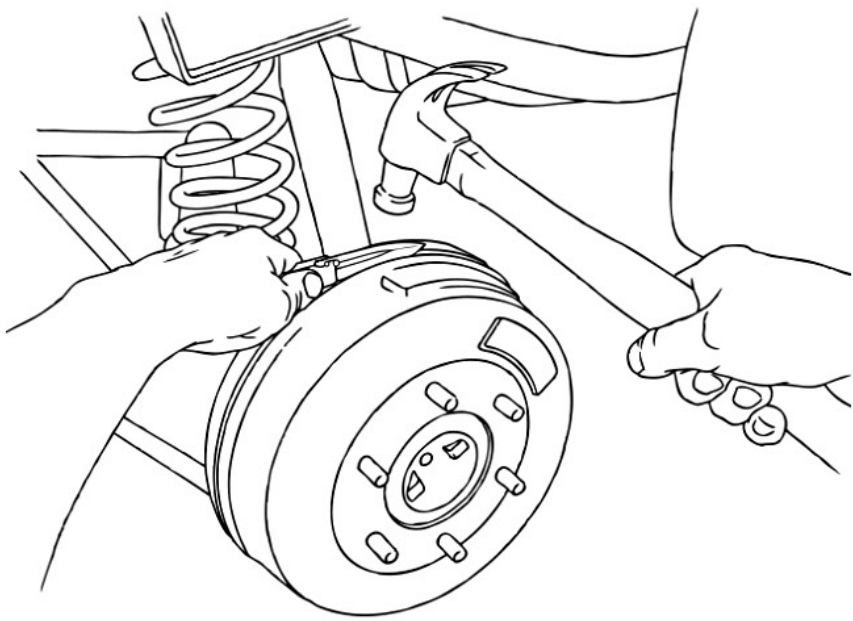


### "THE TIP BUSTER"

When it comes to knives or cutting tools, most common reasons for failure. No matter how well built, applying excessive pressure at the vulnerable tip, is a bad idea that almost guarantees breakage.

Do not:

- + Pry things open or apart
- + Turn Screws
- + Poke or prod

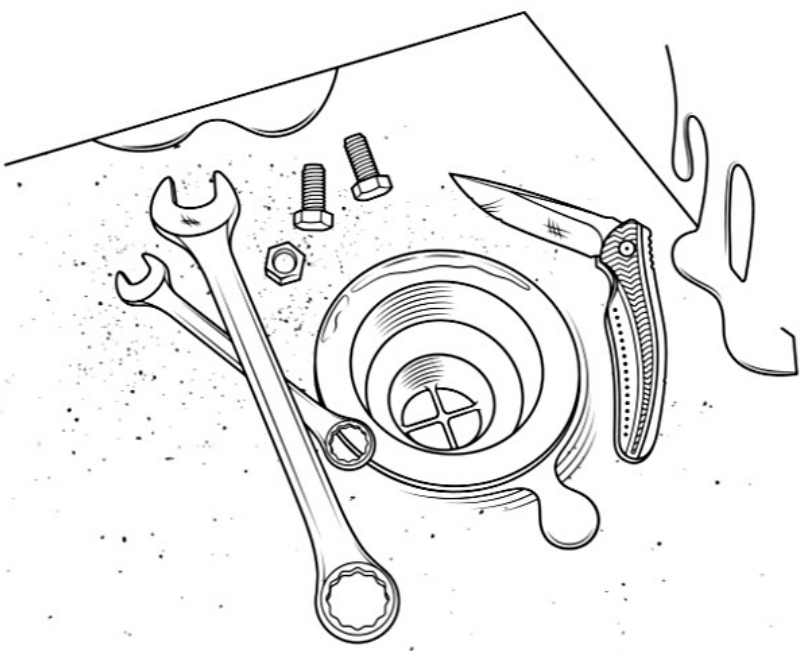


### "THE HAMMERHEAD"

Your knife was not designed to be struck by a hammer. As tempting as it may be, especially if you always keep your knife close at hand, it's always better to set it down and go find the right tool in your box.

Do not use your knife as a:

- + Chisel
- + Pry Bar
- + Punch



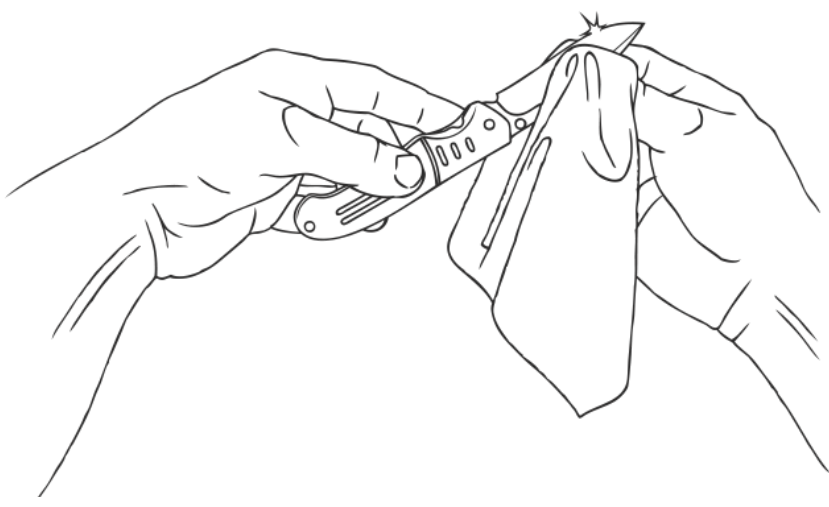
### "THE DERELICTION OF DUTY"

Remember, it does take some effort to keep your tools in perfect working order. Moving parts and cutting edges are particularly susceptible to breakdown. A little preventative maintenance goes a long way here.

Take proper care:

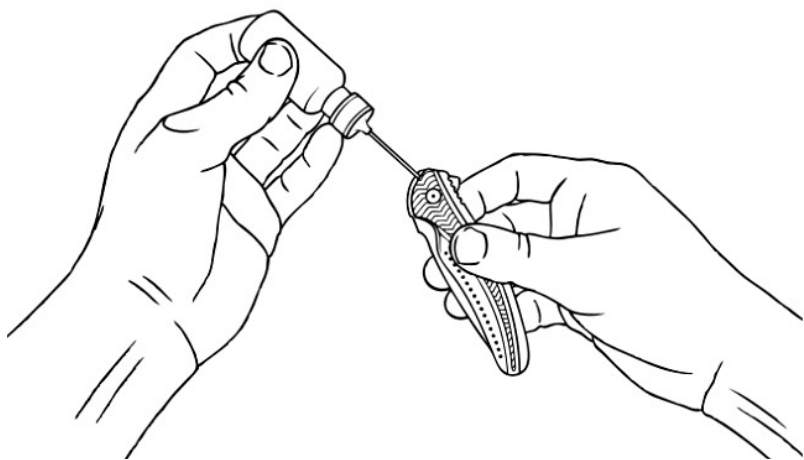
- + Inspect for wear and tear
- + Dry and clean before storing
- + Oil and tighten regularly

## TOOL CARE



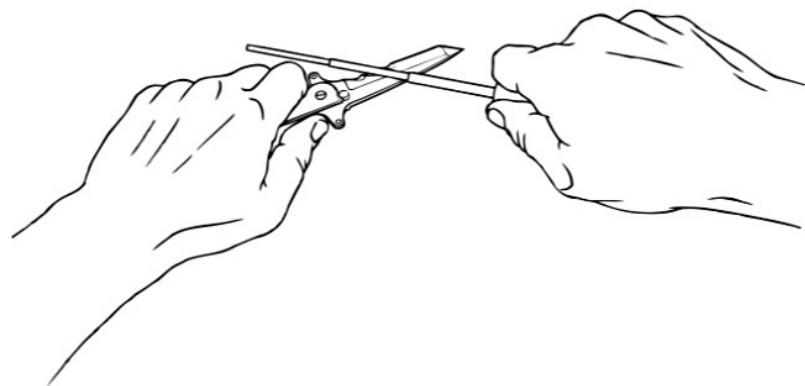
### "LOOKING SHARP"

Even though your tool is undoubtedly a workaholic, let it know you care by keeping it clean. Wash it up from time to time with a combi. Afterwards, always remember to apply machine oil to keep the blade ready for a Heck, even olive oil will work in a pinch; just be hung out to dry.



### "WELL OILED MACHINE"

To a tool connoisseur, metal on metal friction is like finger nails on a chalkboard. And just like your truck's chassis, a touch of lube on your tool's pivot keeps things moving smoothly. Use a drop of high quality lubricant (like Break-Free CLP) into the tool's pivot area and be amazed at how quickly it awakens to any task at hand.



### "STAY SHARP"

What good is a cutting tool that is unable to cut? Dull blades are not only a serious safety hazard, they're a tool tragedy that's easily avoidable. Keep your edge and serrations sharp so you can make short work of cutting tasks or just to create a little edge envy amongst your friends. After all, being sharp becomes you.

# USAGE AND SAFETY

Take care of your tools and they will take care of you for a lifetime.

## YOUR KNIFE IS DESIGNED TO BE A WORKHORSE. IT'S NOT, HOWEVER, DESIGNED TO BE A CROWBAR, A SCREWDRIVER, OR A HAMMER.

True, our knives are designed conscious of the fact that those who buy CRKT® don't tiptoe around a filthy job, or one that requires some creativity to get it done. But when it comes to knives or cutting tools, misuse is one of the most common causes for failure. No matter how well your knife is built, pushing it beyond its limit is sure to end with malfunction or injury.

Keep that in mind the next time you cut corners with maintenance or apply a tool to a task it wasn't built for. In the long run, it's not worth the time or effort you save.

## Proper Uses

The knives we make are designed to cut. Simple as that. Pounding, prying, hacking, turning screws, or any other conceivable misuses of your CRKT® knife could result in irreparable knife damage or injury to you, plus, it'll likely void the CRKT® limited lifetime warranty.

That said, your knife is designed to be a workhorse. CRKT® knives like to play dirty and get into whatever grime, blood, and filth you find yourself dealing with during a busy day. Cutting edges and moving parts are particularly susceptible to breakdown and a little preventative maintenance goes a long way.

# ABOUT OUR STEEL

Performance requirements, price range, and finishing methods all play a key role in selecting the best steel for each of our tools—and that's a job we certainly don't take lightly.

## A KNIFE'S STEEL IS ITS LIFEBLOOD.

Imagine a day in the life of a mechanic's knife: it'll get put through the ringer. His knife will encounter all types of solvents and moisture. Durability, stain resistance, and ease of sharpening found in 420J2 or AUS 4 steel are perfect here.

On the other side of the spectrum, someone with an eye on a CRKT® Titanium M16® expects an alloy steel like AUS 8—something that's much harder and has great edge-holding ability.

We know that blade steel is more than just an alloy of iron, other metals, and carbon. It's the lifeblood of every single knife we offer and we go the extra distance to make sure what you get is exactly what you're looking for.

We use stainless steels from many international suppliers. The chart below shows the equivalent qualities of comparable steels that we use. Note that the final hardness level is not only a factor of composition, but depends on heat treatment and quenching, to which we pay great attention.

## Stainless Steel Alloy Specifications

STEEL	HRC	C	CR	MN	MO	NI	P	SI	V	CO
AUS 4	55-57	0.40-0.45	13-14.5	1	--	0.49	0.04	1	--	--
AUS 8	58-59	0.70-0.75	13-14.5	0.50	0.10-0.30	0.49	0.04	1	0.10-0.26	--
65Mn	52-56	0.62-0.70	≤0.30	0.90-1.20	--	--	≤0.020	0.17-0.37	--	--
420J2	52-55	0.26-0.40	12-14	1	--	--	0.04	1	--	--
440A	55-57	0.65-0.75	16-18	1	0.75	--	0.04	1	--	--
12C27 Sandvik	59-61	0.6	13.5	0.40	--	--	0.025	0.40	--	--
1.4116	55-57	0.45-0.50	14.5-14.8	0.40	--	--	0.02	0.40-0.60	0.10-0.25	--
1.4034	56-58	0.47	13.5	1	--	--	--	1	--	--
6168CrV	59-61	0.65-0.75	0.30-0.35	0.60	--	--	0.08	0.20	0.10-0.15	0.25
YK-30	57-59	1.05	0.5	1	--	0.25	0.03	0.40	--	--
SK 5	57-58	0.80-0.90	--	0.50	--	--	0.03	0.35	--	--
3Cr13	52-55	0.26-0.35	12-14	1	--	--	0.04	1	--	--
5Cr15MoV	55-57	0.5	15	0.336	0.63	--	0.025	0.407	0.1	--
8Cr13MoV	58-59	0.8	13	0.40	0.15	0.20	0.02	0.50	0.1	--
8Cr14MoV	58-59	0.8	14.07	0.16	0.22	0.22	0.029	0.45	0.14	--
9Cr18MoV	58-60	0.95-1.20	16-18	0.80	0.75	--	0.04	1	--	--
ACUTO +	59-60	0.90-0.95	17-18	0.50	1.30 to 1.50	--	0.04	0.50	.10 to .25	--
O1 Tool Steel	57-59	0.85-1.00	1-1.4	--	--	--	.10-.50	.4-.6	--	.4-.7
Bohler Udderholm Sleipner	60-61	0.9	7.8	0.5	2.5	--	--	0.9	0.5	--

## Benefits of Elements of Stainless Steel

ELEMENT	INCREASES EDGE RETENTION	INCREASES HARDNESS	INCREASES HARDEN-ABILITY	INCREASES TOUGHNESS	INCREASES TENSILE STRENGTH	INCREASES IMPACT STRENGTH
Carbon	x	x			x	
Chromium		x		x	x	
Manganese			x		x	
Molybdenum		x	x	x	x	
Nickel		x				
Silicon					x	
Vanadium		x			x	x