Wheel Loader GET Selection
Reversible or Non-Reversible ?!

Preamble:

KVX GET recommendations for Wheel Loaders require an analysis of various factors, including:

- Abrasiveness of Materials *(Teeth style, Wearplate specs, etc.)*
- Penetration requirements *(GET shape, spade vs straight Lip, etc.)*
- Impact Conditions *(Hard digging or easy sales loading, etc.)*
- Operating Methods *(Bucket angle used for digging, etc.)*

The following Guidelines relate to Operating Methods and the correct selection of GET to suit.

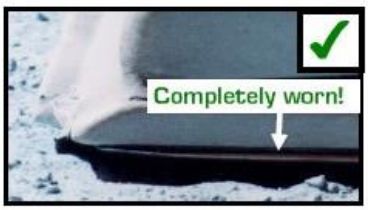
Import ant Notes:

1. KVX GET provides great penetration due to it's thin frontal profile.
2. The greatest customer benefits, resultant from KVX' s design, generally occur when operators keep their bucket level during normal operations.
3. Only in "difficult penetration" applications (face loading of poorly biasted rock, etc.) do operators actually need to tilt the bucket forward to assist in penetration, but many tilt forward from habit.

OPTIONS?

1. The best option is usually to run buckets level, making full benefit of KVX's design features, and also improving productivity, GET life and fuel consumption while reducing strain on machine components such as bucket and linkages, etc. *(ensure that kickouts are set accordingly)*
   In these situations, NON-Reversible GET components will generally be the most efficient solution.





Even vertical wear indicates level bucket operation- great penetration and a good candidate for NON-Reversible components. This is how KVX Loader systems generally achieve optimal lite.

2. If operators don't/ won't run buckets level, and a wedge shaped wear profile is evident with minimal wear at the rear of the GET, then REVERSIBLE GET should be fitted.

Wear patterns indicate bucket operation with excessive forward bucket tilt. Non-reversible components are hardly worn at rear when worn out in front. (Spade system wear is uneven across Lip)

Option 1- encourage level bucket operation
OR
Alternative option- fit REVERSIBLE components

Advantages of KVX Bolt system for "BOE ONLY" applications:

In operations only requiring Bolt-on Edges, KVX s unique bolt system permits the use of NON-REVERSIBLE BOE's, which protrude further in front of the Lip than plough bolt systems can.

Advantages are that they don't require turning and can provide similar life to KVX reversible BOE's under most circumstances.

Being cheaper, and not needing to be turned, they are generally the most cost effective KVX BOE option, BUT they are NOT suitable for applications where the operator runs the bucket tilted forward, forming a wedge shape wear profile. (If fully worn, they may require fitment of new bolts at each change.)