

Removing a Vehicle Door

Do we sometimes forget the obvious or in some cases the easier option?

There are many variables when removing a car door following an impact. With many hinges being constructed and fitted differently.



The more common approach is to use Spreaders due to the type of hinge and the number of pins and bolts used in the construction and fitting of the hinge. As seen here in Diag. 4.

With this type of hinge and following a hinge assessment it would be preferable to spread due to the amount of metal that would need to be cut through with dedicated cutters and the inherent risk of compromising the blades due to the hinge pins and bolts present.

"I am not suggesting that modern cutters are not capable"

In some cases, these hinges may need to be cut, especially where spreading is impeding on the casualty, so it is key we keep the tips of the blade in view and look for any movement that could cause a damaged blade from unwanted metal or blade movement.

Other techniques see the use of socket sets or Impact Wrenches to unbolt hinges which from experience is a very effective method to remove doors, in most cases anyway, where we can access the fixings etc.

How about the removal of the hinge Pin? Following some training we used a Leatherman to remove a securing C-clip and just tapped the pin out allowing for an effective door removal using no more equipment than a Leatherman, bolt cutters for the check strap and some wire cutters for the electrics.



Send in your thoughts to rtc.rescue@gmail.com

