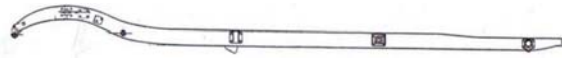


From the Frame Up, LLC



Tech Tips:

DA220 – TACH & SPEEDO CABLE: Refurbishment and Installation Tips

Do not discard your old tach and speedo cables. These can be easily refurbished and save you money plus the replacement cables do not have the original brass ends. First remove a clip from one of the ends of the inner cable and then pull the cable out of its casing. Then take a rag with brake cleaner on it and wipe the inner cable to remove the years of grime and hardened grease. As long as the inner cable is not frayed or bent, it is serviceable. If it is bad, simply replace the inner cable only. Next, clean and polish the outer casing. Spray the outer cable with brake cleaner, and then wipe it to remove the grime and grease. Then lay the cable housing on your workbench and rub the exterior with coarse steel wool. For those heavy areas of rust, consider using a wire brush. However, that is normally too abrasive. The end pieces on the original cables were brass. These can be polished using a wire brush wheel. Once the inner cable is clean and the outer cable housing is also cleaned and polished to your satisfaction, then you can reassemble it. If you are re-using your current inner cable or replacing the inner cable it will need to be lubricated. A replacement new inner cable is normally pretreated with a certain amount of lubricant. Recommend use a white grease to lubricate the inner and however, use it sparingly. Do not use oil. Realize that the cable itself acts as a screw and will carry the grease up the cable towards the instruments. Therefore, after you replace the inner, pull it out about 8" on the instrument end and wipe clean and complete the reassembly. Replace the end U-shaped tabs to secure it into position. Original retainer tabs are often loose. However this can be easily resolved by pinching them closed with a pair pliers. Each end has a knurled fixing nut. Hand tighten these only. Finally, check to make sure there are no bends within 2-3 inches of each end.

Safety Fast!