



**KAM452 and KAM462 KAM Drop in Locker brush service kit fitting instructions.**



Carefully disconnect the electrical connections from the original brush holders by removing the threaded caps. Remove the brush holder assembly from the bearing cap by removing the cap bolt. Fit the replacement brush holder and nip the cap bolt, insert the brushes and line up the brush holder, it may be necessary to bend the brush holder to obtain the optimum clearance. **MAKE SURE ONLY SPRING PRESSURE HOLDING THE BRUSH AGAINST THE BODY AND SLIP RING**, do not force it or you could damage the brush holder. Tighten the bearing cap to 60ftlbs torque. If the gland requires replacement use a sealant to ensure the gland is oil tight when screwed into the diff housing. Thread the electrical cable through the gland and tighten the gland nut to seal around the cable when sufficient cable is through to attach to the brush holder. Cable tie the spare cable to the brush holder to ensure it doesn't rub on the crown wheel. Reconnect the electrical cables taking GREAT care not to over tighten the threaded caps.

**KAM455 Drop in Locker switch repair kit fitting instructions.**



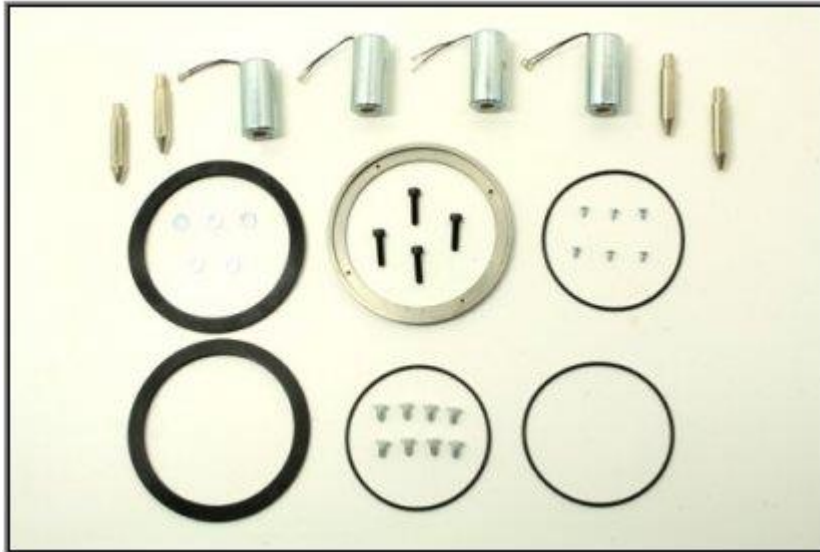
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**KAM452 /KAM455  
&  
KAM456/KAM462**



Carefully prise the existing switch from its location, make a note of the wiring connections. Disconnect the switch from the wiring loom, select the correct facia, Front or Rear and carefully position and press the switch and facia together. Reconnect the wiring following the notes prior to disconnection. Re position the switch in its location.

**KAM456 Drop in Locker solenoid kit fitting instructions**



Be sure to study and record (take pictures) the dismantling process to ensure reassembly is accurate.

Remove the 8 countersunk Allen screws, and remove the slip ring retaining plate, remove the top isolator. Make a note of the positions of the solenoid wires and disconnect the 4 wires connected to the slip ring. Remove the slip ring, remove the 3 O rings and the bottom isolator. Make a note of the positions of the solenoid wires and remove the 4 wires from the locker body. Remove the solenoids and lock ring. Remove the solenoid plungers from the lock ring and fit the new ones using Loctite on the threads. Refit the lock ring and new solenoids. Fit the new O rings and connect 4 of the solenoid wires to the locker body taking care routing the wires to avoid trapping them on reassembly. Fit the bottom isolator, fit the slip ring and connect the remaining 4 solenoid wires to the slip ring, taking care routing the wires to avoid trapping them. Fit the top isolator and retaining plate. Apply Loctite to the 8 new Allen screws and tighten evenly.

Test the Drop in Locker by applying 12v + to the slip ring and – to the body. An audible clonk should be heard.

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