TEAM INTEGY TECHNOLOGIES, INC.

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MSR4 SHOCK SET W/ PIGGYBACK FOR SAVAGE 21

#T7014

STEP1, These are all the parts for one shock, two pistons are extra

STEP5, Fill the shock body with 15 to 20 weight shock oil, make sure that there is no air bubble

STEP9, Flip the piggyback over and fill it up at least half way

STEP2, It's possible to replace thick stock washer with a thinner one for smoother o-ring actions

STEP6, Fill oil to the top and keep the shock body vertical. Do not use oil weight too high.

STEP10, Compress and extend the shaft to remove any air bubble

STEP3, Tighten the plastic rod end

STEP7, Install the piggyback now but do not over-tighten the top cap

STEP11, Drop in the cylinder shape foam, compress shaft and close the bottom cap

STEP4, Remove the piggyback and the piggyback bottom cap

STEP8, Fully compress the shock shaft

STEP12, One shock is now completed with spring and spring retainer

We offer replacement parts for the MSR4 shock set. When you need parts for regular maintenance, you can order parts from your local hobby shop.

Special building tips:

A) Use 25 weight or lighter shock oil.

B) Check to see if the shock has too much oil. If shock shaft cannot go all the way into the shock body or if the shock shaft rebound, the shock has too much oil. Check each shock one-by-one, you can bleed shocks by opening their bottom caps and allow some oil to come out.

C) If you are landing big jumps, use a harder spring set. This allow the springs to absorb more of the truck's weight during landing rather than relying of the shock's damping alone.

D) Use #200 sand paper to fine tune the washer thickness in STEP #2 for smoother shock action

E)To make the shock set hold up even better during side impacts, you can replace the upper metal shock mount bushings with short pieces of fuel tube. The flexible fuel tubes can absorb forces during crashes and reduce the chance of breaking parts.