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3060MUX SHANK CHANGE PROCEDURE

Document	Simba 3060 Shank Changing procedure		

Prepared by:

Daniel Hutton

hutto@mtunderground.com

[Maintenance - Training - Machine Performance Audit]

Workshop

1 Haesy Circuit
Roseworthy SA 5371

Accounts

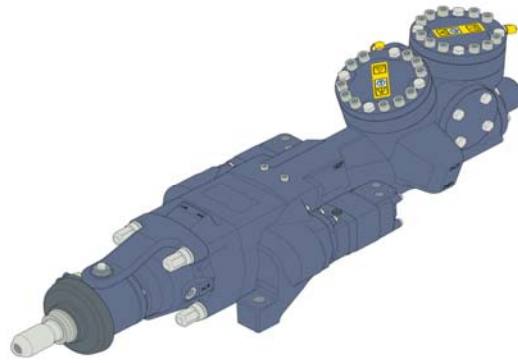
admin@mtunderground.com
Ph: 08 8524 8300 Opt 4

Technical Support

gav@mtunderground.com
Ph: 0407 389 689

Parts

parts@mtunderground.com
Ph: 0407 059 610



WARNING Damage or injury can occur to components or personnel, ensure stored energy has been released, ensure isolation and safety procedures are followed.

Step 1: Rotate the feed rail to the horizontal position, feed extension forward.
Gripper Arms in Park. Move the drifter half way up the feed rail so the extractor unit is in between the gripper arms as shown in the picture below.



Step 2: Isolate the machine as per site procedures.

Step 3: Remove the flushing hose and flush head retaining dowel. Slide the flushing head off the shank. Replace flushing seals and bushes if required.
(MT3115 3060 SK – Seal kit 3060 -includes all guide bushes and stop ring o-ring)



Step 4: Remove the extractor hoses (**Ensure stored energy has been released**). Cap and plug both hoses to prevent the extractor piston coming out (ensure caps are tight on extractor)



Step 5: Remove strapping bolt nuts and washers. Remove the flushing head mounting brace. **Once the brace is off refit one nut to the top strapping bolt to prevent extractor from falling off.**



Step 6: Slide extractor and shank out until the extractor hits the nut as shown below.



(Note: The machine must never be started with the Extractor head nuts removed, as the dampering pressure will blow the seals out).

Step 7: Push the shank back towards the drifter to reveal the split stop ring. Remove the o-ring off the stop ring (stretch the o-ring over the spacer and leave there) to allow the stop ring halves to come away from the shank.



Step 8: Slide the shank out to remove the spacer ring. Once the spacer ring has been removed the shank can be removed fully.



WARNING Damage or injury can occur – The shank is over 15kg and will require a two person lift or a lifting aid. Caution must be taken.

Step 9: Inspect the piston and driver condition as per drifter specification, inspect and replace the front extractor seal if required.

Step 10: Slide the new shank back in half way, being carefull not to push the extractor piston out of its housing. Refit the spacer ring then sliding the shank all of the way into the position of step 7. Refit the stop ring halves with the o-ring groove towards the extractor and refit the oring to the stop ring.

Step 11: Ensure the mating surface are free from contaminants and the o-ring is in place. Push the extractor and shank all of the way back in. Refit the flushing head mounting brace. Anti seize threads and washers. Refit washers and nuts. **Torque to 500nm.**

Step 12: Reconnect the extractor hoses (BHP and BHT).

Step 13: Slide the flushing head back on to the shank. Refit the flushing head retaining dowel and **torque to 63nm.** Refit cuttings slinger (MT3115 3065 10). Reconnect the flushing hose.

This information is intended for Maintenance Technique clients and customers only.

