

## SAF Trailer Service Checks (effective 02/11/18)

Gough Transpecs a free service check for all new trailers built in NZ that have SAF axles fitted which have been bought directly from Transpecs. This consists of two services checks, which are to be carried out approximately at 1 month or 5,000km after the purchase of the trailer.

Any new trailer imported into NZ fitted with SAF-Holland axles is not covered by this check. This is an extra service provided by Gough Transpecs for their customers who have purchased axles through them.

If both truck and trailer has EBS fitted. Do an ODR report (online data recording) on the trailer only. Print off ODR report. If EBS on Truck Only and no EBS on trailer. Do air brake synchronization check (on approved check sheet) on trailer only.

If both truck and trailer do not have EBS. Then carry out brake synchronization check (on approved check sheet) on both truck and trailer(s). Note - ensure the truck is the one that normally tows the trailer(s). Complete approved make/model spec sheet for the truck and trailer unless you have done ODR.

Carry out approved SAF inspection sheet ensuring all components are torqued as outlined on sheet.

A Transpecs SAF service check order number is required on your invoice and can be received by following the following URL path:

<https://app.smartsheet.com/b/form/d8afb98543f64d4e9c35c79336206000>

You can key in your details and upload a copy of the service report, ODR download or brake sync details, add the owner details and rego number, then tick the box to receive an email confirmation and type in your email address and when you receive the email, below the details that you keyed in will be a SS(###)-GGLWTY10D number that can be put on your invoice

### Charges

\$75 per trailer for brake synchronisation check OR \$25 for ODR Report

1 hour per axle (trailer axles only at your agreed hourly rate with Transpecs) for the SAF Inspection sheet and completing the necessary paper work. Please do not charge for consumables

Do not charge any extra work (consumable items, warranty or general wear and tear maintenance) not included in the above mentioned check processes during a SAF service check on a Transpecs approved SAF service check order number.

Any additional repairs carried out are to be charged to the customer or processed through the normal Transpecs warranty procedure.

You must have a Transpecs Warranty Reference number before you start any warranty work for any Transpecs product.

The repairing of any compatibility faults caused by the truck should be charged to the operator.

**If you have any queries, please contact either Samantha Holland or Customer Services, we are happy to help.**

# SAF Free Service Inspection Sheet

**FOR: 5000km/1 Month**

Delete Above as Required

<b>Date:</b>	<b>Owner:</b>	<b>Axle Serial Numbers:</b>
<b>Rego:</b>		1;
<b>Operator:</b>	<b>Workshop:</b>	2;
<b>Trailer type:</b>	<b>Technician:</b>	3;
<b>Trailer Manufacturer:</b>	<b>Signature:</b>	4;
		5;

<b>Mechanical check:</b>	✓/x	Comments
<b>Attention:</b> Torque check wheel nuts after the first 50 km and 150 km (repeat after every wheel removal). Follow a prescribed wheel nut torque procedure.		●
Torque check all nuts and bolts to recommended Checking Torque		
All axles Wheel nuts 600Nm		●
All axles Hub nut LH & RH Threads 900Nm		●
Intra Air spring mounting nuts Plastic base 80Nm Steel base 180Nm Top Plate 40Nm		●
Modular Air spring screws Plastic base 20Nm Steel base 80Nm Trailing Arm 180Nm Top Plate 40Nm		●
Intra / Modular Pivot bolts 1200Nm		●
Modular U Bolts 580Nm		●
Steel Hanger Shock absorber bolts 600Nm		●
Alu/Stainless Hanger Shock absorber bolts 400Nm		●
Hub end-float adjustment not required, carry out wheel rock test. If wheel rock is greater than 0.25mm, overhaul hub.		●
Remove hubcaps and check for lubricant leakage.		●
Brake chamber blanking plugs are removed from the correct locations.		●
Shock absorbers fitted correctly.		●

<b>Visual and safety inspection:</b>	✓/x	Comments
Components found to be worn down to their wear limits must be renewed		
Inspect the brake caliper guide system. Check for free movement and sliding action.		●
Brake caliper, inspect rubber boots for damage, check adjuster cap for correct seating. Inspect brake rotors for cracks.		●
Inspect the brake lining thickness		●
Check Camshafts for free movement. Check Slack adjusters for correct operation and adjustment.		●
Inspect suspension components for correct fastener connections, wear, leakage, corrosion, distortion, damage.		●
Check hanger brackets, inspect the pivot bolts and shock absorber bolts with recommended torque setting.		●
Inspect suspension for correct ride height setting, readjust if required.		● The Ride Height is

<b>General inspection:</b>	✓/x	Comments
Check brake efficiency and application.		●
Check air springs for damage or cracks.		●
Ensure all ABS sensors fitted are correctly aligned and cabling is in good condition.		●
Check for air leaks.		●
All air line connections are in good condition .		●
All piping is secured and no signs of chaffing.		●

<b>Steer axles:</b>	✓/x	Comments
Lock stops secure		●
King pins greased.		●
No signs of fouling on lock		●
No play in damper if fitted.		●
Check HCV on 3rd axle and ride height correct.		●
Check tie rod ends for play and security. 600Nm		●
Check Clamp Bolts are Secure 120Nm		●

<b>General comments:</b>

# TRUCK / TRAILER BRAKE SYNCRONISATION

## CHECK SHEET FOR TRANSPECS / SAF AXLES

1. Ensure all brakes are in serviceable condition and in correct adjustment.
2. Ensure operator safety by chocking appropriate wheels.
3. Connect an accurate low pressure gauge using a T fitting into the service line (Pm) of the duomatic coupling between the truck / tractor and trailer. (Do not connect a gauge to the Brake Pot. Px)
4. Ensure air system is at correct operating pressure.
5. Jack up wheel to be tested and release park brakes. (Only do one wheel per axle)
6. Rotate wheel by hand and apply service brakes gradually until brake "drag" can be clearly felt, but wheel can still be rotated by hand.
7. Record pressure at (Pm) duomatic coupling at this point.
8. You must record the truck and trailer pressures.
9. For a B Train leave the (Pm) gauge connected to the truck/trailer duo.
10. Once all truck and trailer sections of this form are completed fax to Transpecs at 09 980 7306.

**Pm  
kPa**

**Pm  
kPa**

**NOTE:**  
Please mark wheels not applicable with an "X"  
on both wheel and table.

## TRUCK / TRACTOR

Make \_\_\_\_\_  
Model \_\_\_\_\_  
VIN \_\_\_\_\_  
Rego \_\_\_\_\_  
Truck/Tractor \_\_\_\_\_  
Load Sensed \_\_\_\_\_  
Fixed Ratio \_\_\_\_\_  
Slack Length Front \_\_\_\_\_  
Slack Length Rear \_\_\_\_\_  
Chamber Size Front \_\_\_\_\_  
Chamber Size Rear \_\_\_\_\_  
ABS \_\_\_\_\_  
EBS \_\_\_\_\_

## TRAILER 1

Make \_\_\_\_\_  
Drawbar / Semi / B-Front \_\_\_\_\_  
VIN \_\_\_\_\_  
Rego \_\_\_\_\_  
Loan Sensed \_\_\_\_\_  
Fixed Ratio \_\_\_\_\_  
Slack Length Front \_\_\_\_\_  
Slack Length Rear \_\_\_\_\_  
Chamber Size Front \_\_\_\_\_  
Chamber Size Rear \_\_\_\_\_  
ABS \_\_\_\_\_  
EBS \_\_\_\_\_

## TRAILER 2

Make \_\_\_\_\_  
Drawbar / Semi / B-Front \_\_\_\_\_  
VIN \_\_\_\_\_  
Rego \_\_\_\_\_  
Load Sensed \_\_\_\_\_  
Fixed Ratio \_\_\_\_\_  
Slack Length Front \_\_\_\_\_  
Slack Length Rear \_\_\_\_\_  
Chamber Size Front \_\_\_\_\_  
Chamber Size Rear \_\_\_\_\_  
ABS \_\_\_\_\_  
EBS \_\_\_\_\_

Workshop: \_\_\_\_\_ Branch: \_\_\_\_\_  
Mechanic: \_\_\_\_\_ Date: \_\_\_\_\_  
Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_