



**Instructions for Continued
Airworthiness**

Project Reference
STC-022

ICA-STC-022

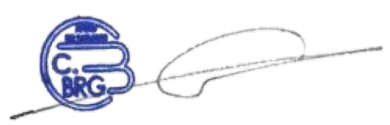
REV. 03

Instructions for Continued Airworthiness and Installation Instructions

for BERINGER wheels and brakes on
CESSNA 180 & 182

Document Reference^(*)
ICA-STC-022

Project Reference
STC-022

PREPARED ^(**)	CHECKED ^(**)	APPROVED ^(**)
Design Office Staff	Certification Manager	Accountable Manager
Célia BERTELOOT 	Yann MERLE 	Claire BERINGER 
26 Sept 2022	26 Sept 2022	26 Sept 2022

(*) I.a.w. the numbering system defined in the APDOA manual.

(**) Authorised signatories shall be as defined in the APDOA manual.

TABLE

1 LOG OF REVISIONS 3

2 INTRODUCTION 3

2.1 PURPOSE OF THE DOCUMENT 3

2.2 APPLICABLE CERTIFICATION REQUIREMENTS 3

2.3 EFFECTIVITY 3

3 GENERAL 3

3.1 COMPONENTS LIST 4

3.2 WEIGHT AND BALANCE 5

3.3 TIRES 5

3.4 TORQUE 5

4 INSTALLATIONS INSTRUCTIONS 6

4.1 SPECIAL TOOLS/PRODUCT/OPTIONS 6

4.2 MAIN WHEEL INSTALLATION 7

4.3 NOSE WHEEL INSTALLATION 14

4.4 LANDING GEAR BRAKE LINES INSTALLATION 14

4.5 MASTER CYLINDER INSTALLATION 20

5 INITIAL USE 26

6 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS 26

7 AIRWORTHINESS LIMITATIONS SECTION 27

8 ASSOCIATED DOCUMENTS 27

1 LOG OF REVISIONS

Rev. No	Rev. date	Description
00	13 Sept 2021	Initial Release
01	22 Sept 2021	Modification of §2.1 & addition of §3.5 and NP-STC-022 document.
02	3 Mar 2022	FAA comments added to the §3.1, §3.6, §4.3.2, §7.
03	01 July 2022	Minor change to Master cylinder attachment parts for technical improvement. (p.20, 21, 24, 25)

Note : revision changes are marked with a bar in the margin.

2 INTRODUCTION

2.1 Purpose of the document

This manual defines installation procedures and instructions for continued airworthiness for BERINGER wheels and brake assembly on CESSNA 180 & 182 aircrafts, all models.

This manual gives removal and installation instructions of BERINGER wheels and brake system STC on the CESSNA 180 & 182 aircrafts, all models, and guide you to the BERINGER maintenance documents for all continued airworthiness instructions.

NOTE: These BERINGER products have been fully tested and certified on the aircraft.

CAUTION: Substitution of parts by other than originally certified parts may cause failure of brake system. BERINGER quality process assures that replacement parts are produced and controlled with the same quality level as originally certified.

2.2 Applicable Certification Requirements

- CS-23, Amendment 4, issued 15-Jul-2015
- FAR part 23, effective January 1, 2002.

2.3 Effectivity

Type: CESSNA 180 & 182 aircrafts

Models: All 180 and 182 models

180 Series	182 Skylane		F182 Series
180	182	182M	F182P
180A	182A	182N	F182Q
180B	182B	182P	FR182
180C	182C	182Q	
180D	182D	182R	
180E	182E	182S	
180F	182F	182T	
180G	182G	R182	
180H	182H	T182	
180J	182J	T182T	
180K	182K	TR182	
	182L		

3 GENERAL

3.1 Components list

This STC scope includes Main and Nose wheels (MLG, NLG), brakes (master cylinder, caliper, lines...), and axles as replacement parts to original equipment. The assemblies are listed in the table below:

Assembly / Product Name	BERINGER Reference number	Aircraft models eligible
Main wheel and brake assy* with fairing	AV-CESS-420	<i>Cessna 180, 182, all models</i>
Main wheel and brake assy* without fairing	AV-CESS-421	<i>Cessna 180, 182, all models</i>
Nose wheel assy** with fairing	AV-CESS-430	<i>Cessna 182, all models</i>
Nose wheel assy** without fairing	AV-CESS-431	<i>Cessna 182, all models</i>
Master Cylinders assy (long brake line) (short brake line)	AV-CESS-440 AV-CESS-410.3 AV-CESS-410.4	<i>Cessna 180, 182, all models</i>
Tubular landing gear Brake line	AV-CESS-410.1	<i>Cessna 182, all models</i>
Spring landing gear Brake line	AV-CESS-410.2	<i>Cessna 180, 182, all models</i>
Main wheel SensAIR (option)	TP-006	<i>Cessna 180, 182, all models</i>
Nose wheel SensAIR (option)	TP-005	<i>Cessna 182, all models</i>
Gear brake line bracket (option)	GB-001	<i>Cessna 180, 182, all models</i>

Refer to the assembly drawings in this document below and the part list document NP-STC-022 for complete components list included in the assemblies.

* BERINGER Main wheel and brake is certified by EASA ETSO N°210.10043366.

** BERINGER Nose wheel is certified by EASA ETSO N° 210.10059011.

3.2 Weight and Balance

This table below gives the total weight of BERINGER equipment without tires:

Assembly	Weight (kg)	Weight (lbs)
Left and right Main wheels and brakes	9,5	20,1
Nose wheel <i>(182 aircraft only)</i>	1,8	3,9
Left and right Master Cylinders and Brake lines	0,4	0,8
SensAIR (Option)	<0,1	<0,2
TOTAL BRG kit	11,8 Kg	25 Lbs

NOTE: The data in the table above is given for information only and do not include fasteners not provided by BERINGER.

Refer to local regulation requirements to determine if mass and balance must be updated.

3.3 Tires

Suitable tubeless (TL) tires compatible with the BERINGER rims are:

Tires	Size	Type	Minimum PLY rating	Minimum speed rating	Max inflation pressure (loaded)
Main	6.00-6	Tubeless	6 PLY	160 mph	44 psi / 3,0 bar
	15x6.00-6			160 mph	71 psi / 4,9 bar
	8.50-6			120 mph	31 psi / 2,1 bar
Nose	5.00-5	Tubeless	6 PLY	120 mph	52 psi / 3,6 bar

3.4 Torque

All torques for BERINGER product assembly are specified in the assembly drawings included in this document.

For interface parts with aircraft, unless otherwise specified on the BERINGER assembly drawing, all fasteners should be torqued as per Aircraft Manual.

3.5 Standard product and tools

- Tire lubricant: Tire lubricant or liquid soap
- Hydraulic fluid: Mineral
- Tire mounting tool: To refer to MM-02-002.
- Torque wrench
- Paint marker

3.6 Dimensions

All dimensions in our drawings are given in metrics (mm), and in inches (in) between square brackets.



Instructions for Continued Airworthiness

Project Reference
STC-022

ICA-STC-022

REV. 03

4 INSTALLATIONS INSTRUCTIONS

4.1 Tool and part list for installation

MLG	NLG	MC & Brake lines	Description
X			AN5 screws, nuts and washers
X			AN6 screws, nuts and washers
X	X	X	Torque wrench 10-50Nm / 200-1000 Pb-m
		X	Torque wrench 5Nm
X			1.75" or 45mm socket with an outer \varnothing of less than 61mm
X	X		Socket 1/2" for AN5 screw
X		X	Socket 9/16" for AN6 screw
X			Wrench 1/2" for AN5 screw
X			Wrench 9/16" for AN6 screw
X			Fork ends for torque wrench
X			1/2" Ratchet
X			Lock-wire pliers
X			Paint marker
X			Flat screw driver
X	X		Bearing grease
		X	BERINGER Bleeding kit ONC01 (optional)
X			BERINGER Tire mounting tool OT-001 (optional)
	X		BERINGER Tire mounting tool OT-002 (optional)

	Instructions for Continued Airworthiness	Project Reference	ICA-STC-022
		STC-022	REV. 03

4.2 Main wheel installation



4.2.1 [Assembly drawing and part list for Tubular and spring landing gear](#)

Instructions apply for both left and right sides.



BERINGER SensAIR device P/N TP-006 is an option available for this main wheel assembly.
Refer to Beringer Servicing Manuel SM-08 for installation and maintenance instructions.



Instructions for Continued Airworthiness

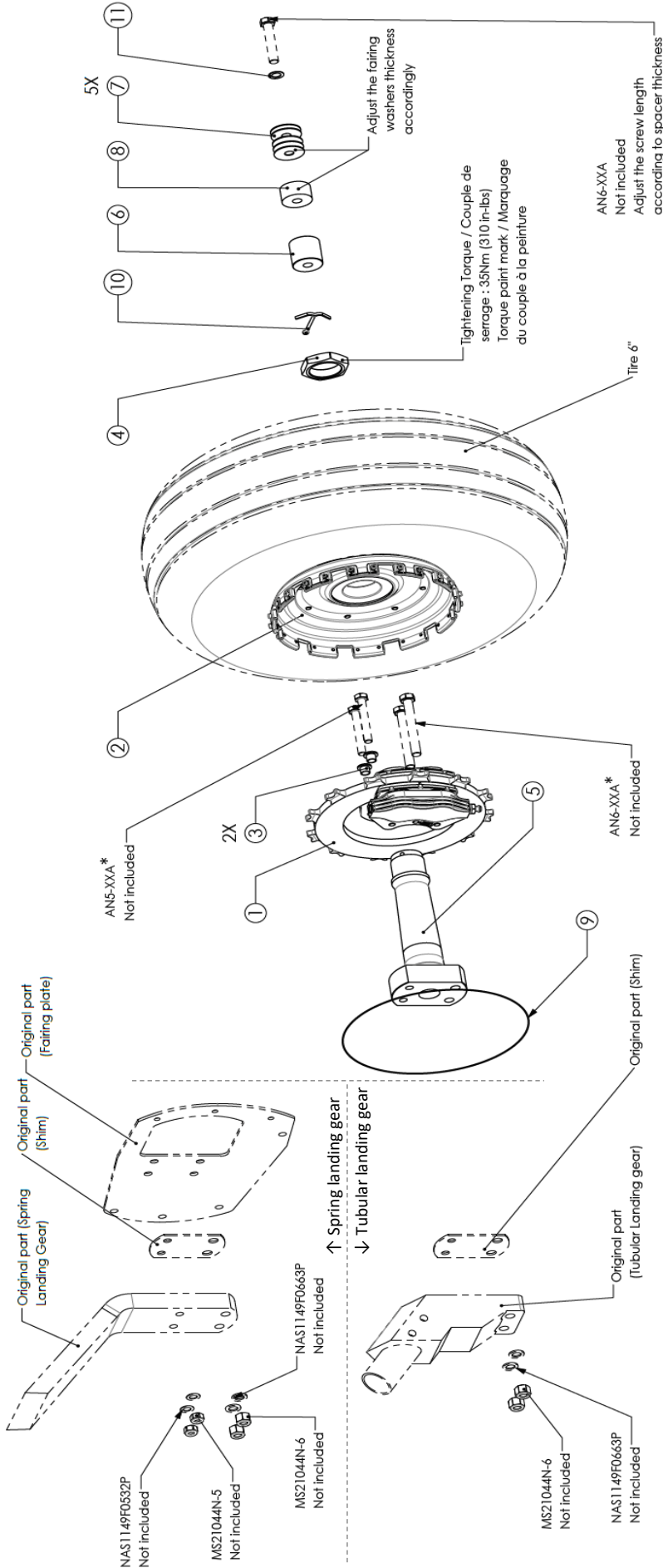
Project Reference
STC-022

ICA-STC-022

REV. 03

CESSNA 180 & 182 – 6" Main wheel assembly Ref: AV-CESS-420

WITH FAIRING



Weight(Without tire)/Masse : 4805g

REP	PART NUMBER	DESCRIPTION	QTY.
11	NAS1149F0632P	Washer/Rondelle AN6 Std	1
10	L-V-003	Cotter Pin 3.2x50/Goupille fendue 3.2x50	1
9	ZPA02	Safety Wire/Fil à freiner	1
8	RDL-024.3	Ø31.8-Ø9.8 L=17_ Spacer / Entretoise	1
7	RDL-024.2	Ø31.8-Ø9.8 L=1_ Spacer / Entretoise	5
6	RDL-024.1	Ø31.8-Ø9.8 L=30_ Spacer / Entretoise	1
5	FUS-007.4	6.00x6" HE(AN6)_Axle/ Fusée	1
4	ECR-001	M35x1.5_Axle nut /Ecroû	1
3	BGE-017	AN6/8_Bushing / Bague	2
2	RF-006	6.00x6" HE_Wheel Assy./Roue freinée	1
1	EA-003.3N	2P32-6-9(Mineral)_Brake Caliper / Etrier De Frein	1

Note:

* Not included within BERINGER KIT

Screw length depends on original Aircraft configuration (shim and fairing plate thickness). Measure original screw length and add 3/8" to it to determined the length of AN5&AN6 replacement screws.

For tubular landing gear AN5 screws, make sure they don't bottom once in position.

Assembly torque Screws: Refer to aircraft manual.



Instructions for Continued Airworthiness

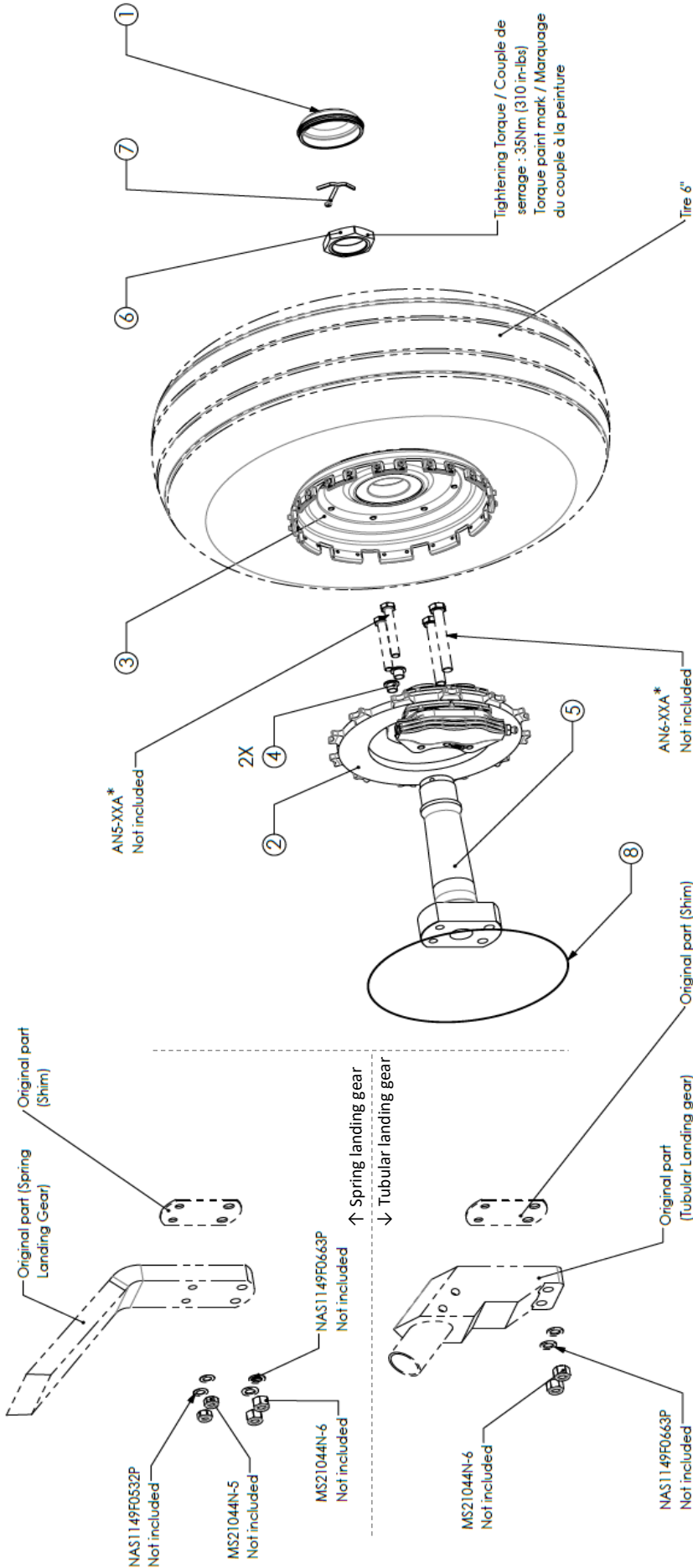
Project Reference
STC-022

ICA-STC-022

REV. 03

CESSNA 180 & 182 – 6" Main wheel assembly Ref: AV-CESS-421

WITHOUT FAIRING



Weight(Without tire)/Masse : 4727g

REP	PART NUMBER	DESCRIPTION	QTY.
8	ZPA02	Safety Wire/Fil à freiner	1
7	L-V-003	Cotter Pin 3.2x50/Goupille fendue 3.2x50	1
6	ECR-001	M35x1.5_Axle nut /Ecriou	1
5	FUS-007.4	6.00x6" HE(AN6)_Axle/ Fusée	1
4	BGE-017	AN6/8_Bushing / Bague	2
3	RF-006	6.00x6" HE_Wheel Assy./Roue freinée	1
2	EA-003.3N	2P32-6-9(Mineral)_Brake Caliper / Etrier De Frein	1
1	BH-004	6"HE & 6"HL_Wheel Cap Assy / Assemblage Bouchon de Roue	1

Note:

* Not included within BERINGER KIT

Screw length depends on original Aircraft configuration (shim and fairing plate thickness).

Measure original screw length and add 3/8" to it to determined the length of AN5&AN6 replacement screws.

For Tubular landing gear AN5 screws, make sure they don't bottom once in position.

Assembly torque Screws:
Refer to aircraft manual.

4.2.2 Installation steps (with fairing)

1. Removal of the existing wheels and brakes

- Remove existing wheels and brakes as per the aircraft manufacturer's instructions.
- Remove existing axles from the landing gear as per the manufacturer's instructions.
- **Keep the original parts** mentioned on the assembly drawing if existing: Shim landing gear, fairing plate.
- Clean these parts and landing gear surface to remove any rust or dirt.

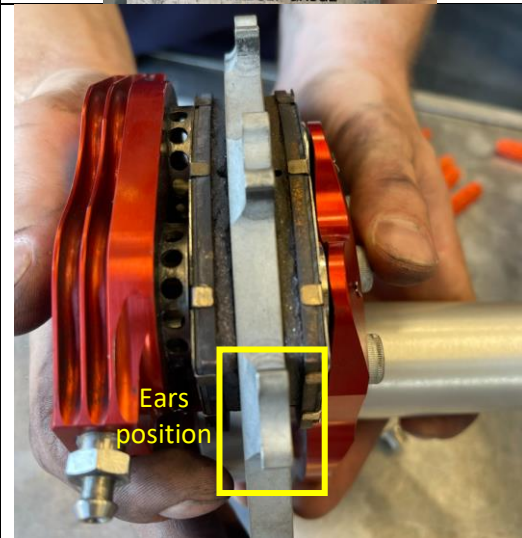
2. Assembly of the axle and caliper on the landing gear



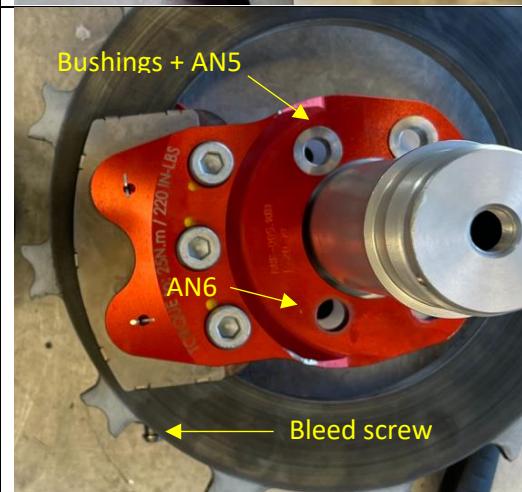
- Measure original AN5 & AN6 axle screw length and add 3/8" to each to determine the length of the replacement screws.

BERINGER does not provide the replacement screws as their length depend on original aircraft configuration.

Ex: if Original length is AN5 20 = 2,094 inch → Replace with AN5 23=2,469 inch



- Assemble the caliper and the disk on the axle
Caution: Place the disc in its correct side, ears closest to the rim.



- Assemble the bushings and AN screws as per the drawing. (AN6 on bleed screw side)

Recommendation: Apply bearing grease on the screw shank.



- Add the original parts if existing (fairing plate and shim) and assemble the whole to the landing gear as per the assembly drawing.



- Tighten the AN screws, MS bolts and NAS washer with a torque wrench.
Refer to the aircraft manual for the torque value.

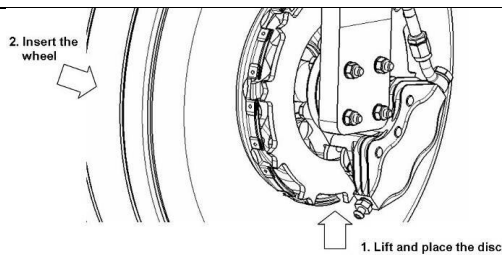


Caution: Use adapted tools to tight the screws in order to avoid tool marks on the axle, as shown on the picture.

3. Installation of the tire and wheel on the landing gear



- If the rim is without tire: install the tire as per the procedure described within SM-02.
- Option: A tire mounting tool OT-001 is available for 6" rim.
- Option: Install the device SensAIR inside the tire as per the procedure described within SM-08.



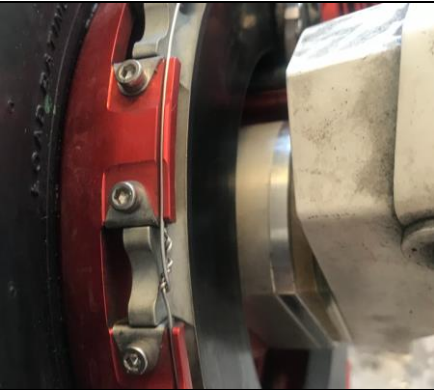
- Apply a thin coat of anti-corrosion grease on the axle surface at the bearing contact locations.
- Install the wheel on the axle and align the disk into the wheel slots.



- Apply bearing grease on the end axle thread.
- Assemble the axle nut until it contacts the bearing.
- Torque to 35 Nm (310 in-lbs).
- Put the torque marking with an aero pen or torque seal.



- Secure with the cotter pin.



- Install the safety wire in the ring groove around the wheel.



- If no fairing, you can install the wheel cap.
- Apply bearing grease on the wheel cap joint.
- Push the cap to assemble it.

Caution: For disassembly, use a flat screw driver and be gentle to avoid scratch.

4. Installation of the fairing

Before fairing installation, attach the brake line as per the procedure described in §4.3.

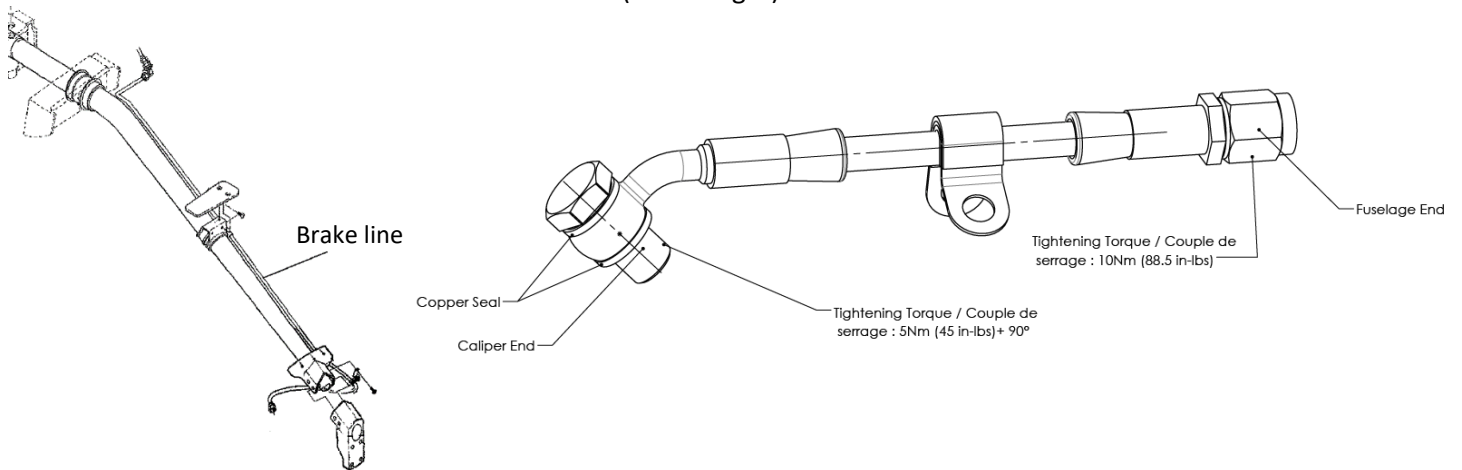


- Install the fairing above the wheel and select the number of spacers required to fill out the gap between the fairing and the axle.
- Select the AN screw adapted to the number of spacers.
- Assemble the spacers, the screw and washer as per the drawing.
- Refer to the aircraft manual for the Torque value.

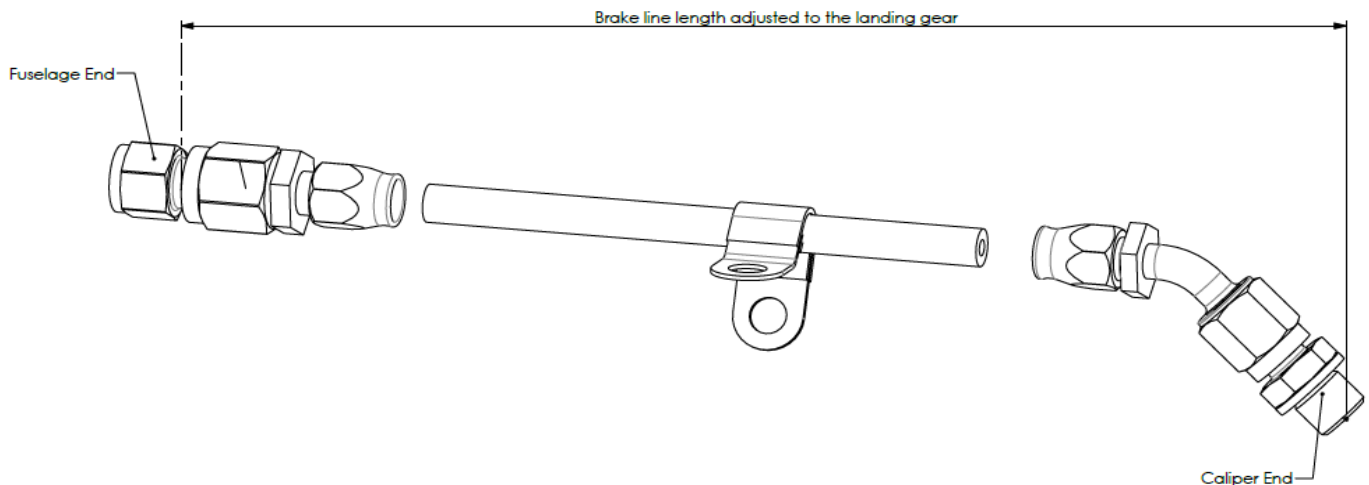
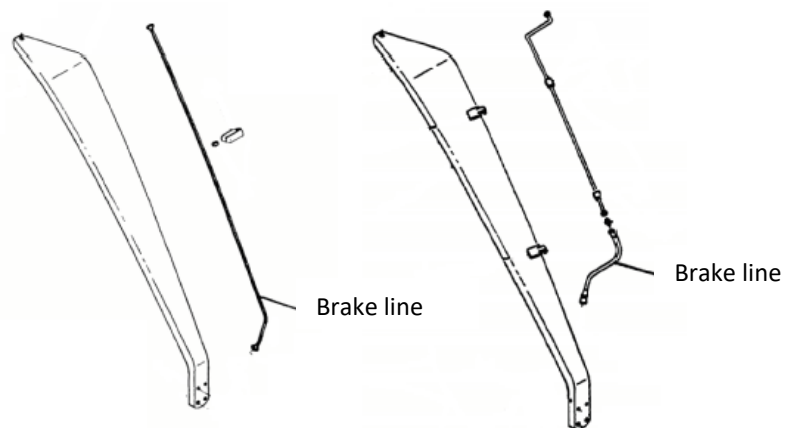
4.3 Landing gear brake lines installation

4.3.1 Assembly drawing and part list

Ref: AV-CESS-410.1 - Tubular landing gear brake line (Left or right)





Ref: AV-CESS-410.2 - Spring landing gear brake line (Left or right)

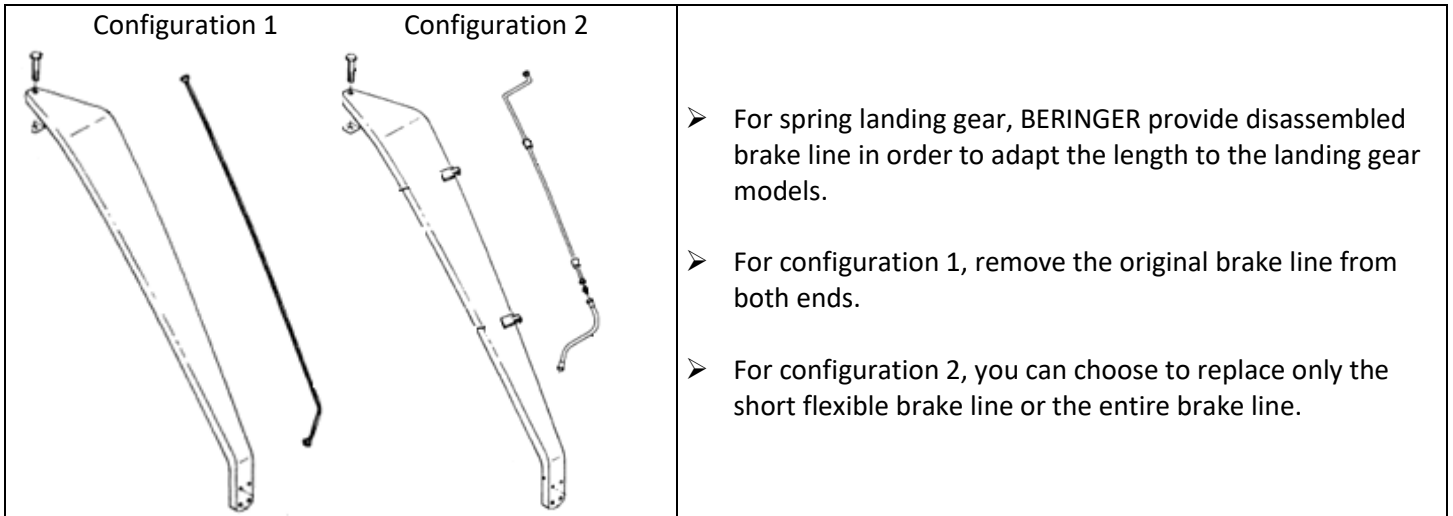


4.3.2 [Brake line installation steps](#)

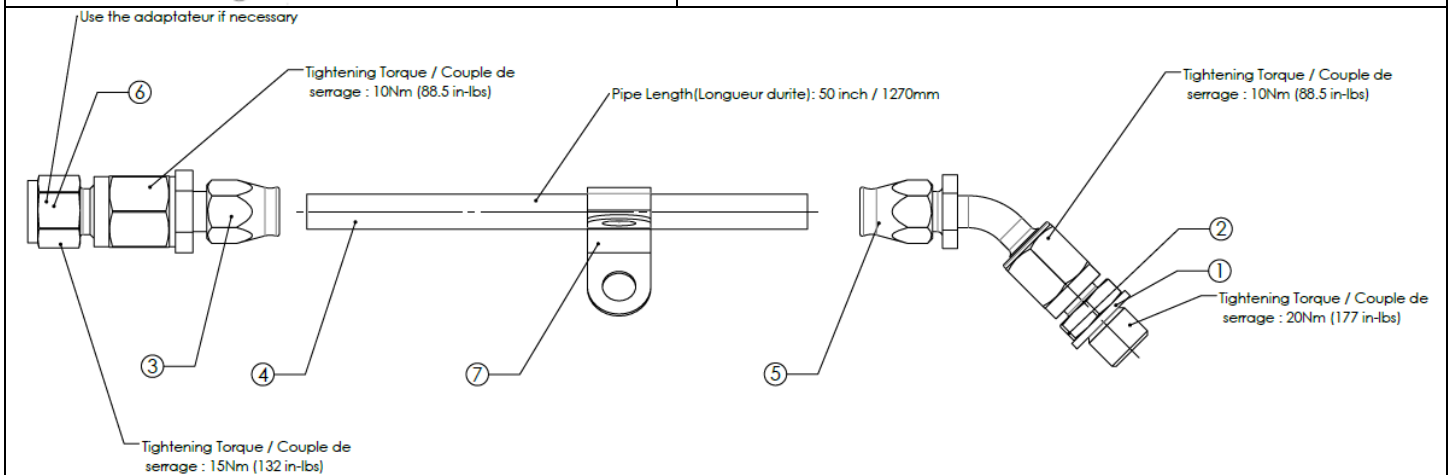
1. On TUBULAR landing gear

	<ul style="list-style-type: none">○ Dismantle landing gear (LG) fairing.○ Remove the original brake line from both ends.
	<ul style="list-style-type: none">○ Connect BERINGER flexible brake line AV-CESS-410.1 to the caliper and aircraft connectors as per the assembly drawing.○ Torque the ends as per the drawing instructions.○ Use zip tie (not included) to attach the brake line around the LG at several points.○ Re-assemble the fairing as its initial as per aircraft manual instructions.

2. On SPRING Landing gear



- For spring landing gear, BERINGER provide disassembled brake line in order to adapt the length to the landing gear models.
- For configuration 1, remove the original brake line from both ends.
- For configuration 2, you can choose to replace only the short flexible brake line or the entire brake line.



7	P-Clip / Patte de fixation
6	3/8x24-7/16x20_Fitting / Adaptateur
5	3/8x24_45° Fitting Female
4	Brake line / Durite tressée gainée
3	female fitting 7/16x20
2	M10x1-3/8x24_Adaptator / Adaptateur
1	Copper Seal/ Joint cuivre

- Take BERINGER flexible brake line components from AV-CESS-410.2 assembly, listed in the table beside.
- Cut the brake line to the length needed, depending on the configuration and LG model.
- Then, crimp the brake line as per the drawing assembly above. BERINGER instructions for brake line crimping are given within MM-00-002 (*Hydraulic lines*) or on Youtube: *"BERINGER Tech Tip #2 - How to assemble a brake line"*.



- Install the brake line on both ends.
- Torque the ends as per the drawing instructions.
- Fix the flexible brake line to the landing gear leg. Several solutions are available:
 - Use the original bindings
 - Use BERINGER gear bracket GB-001 (option)
 - Use zip tie

4.4 Nose wheel Installation

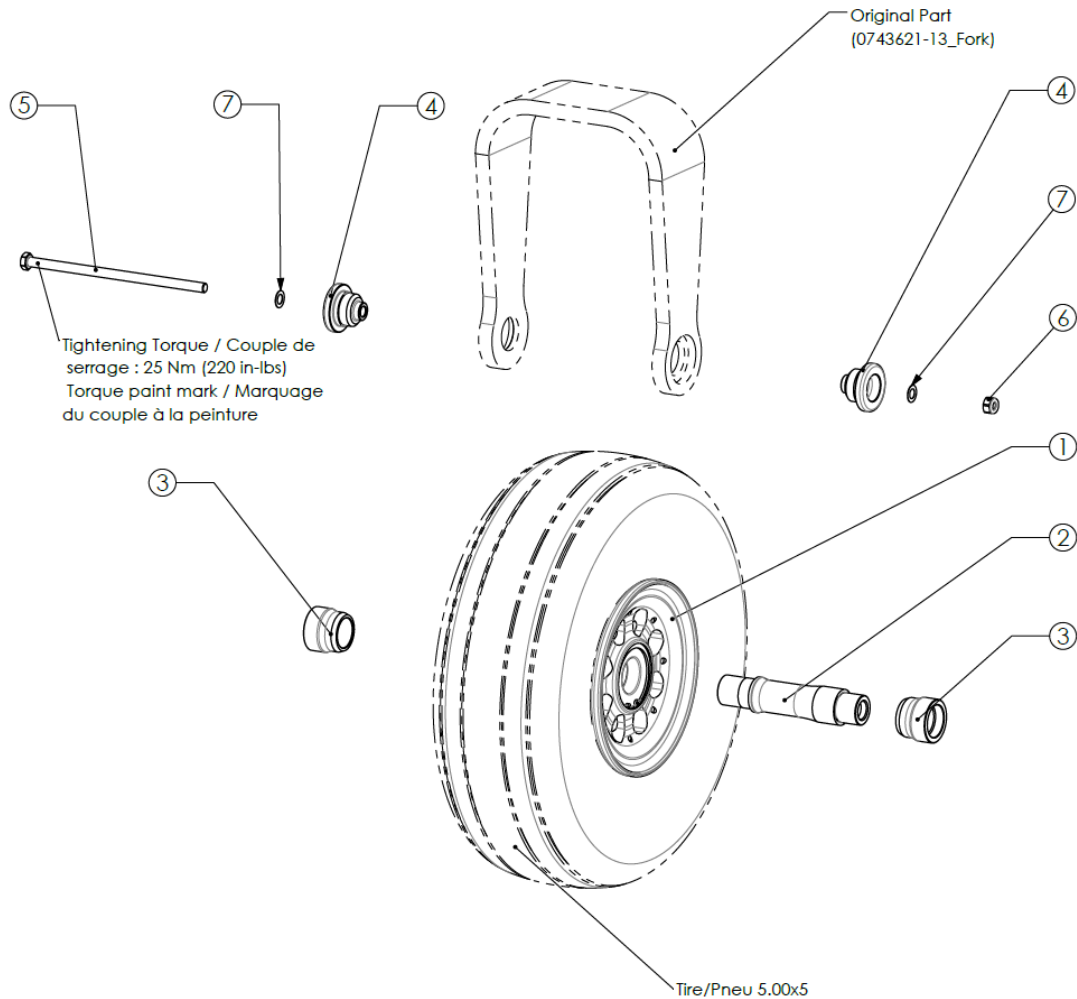
4.4.1 [Assembly drawing and part list](#)



BERINGER SensAIR device P/N TP-005 is an option available for this Nose wheel assembly. Refer to Beringer Servicing Manual SM-08 for installation and maintenance instructions.

CESSNA 182 – 5" Nose wheel assy Ref: AV-CESS-431

WITHOUT FAIRING

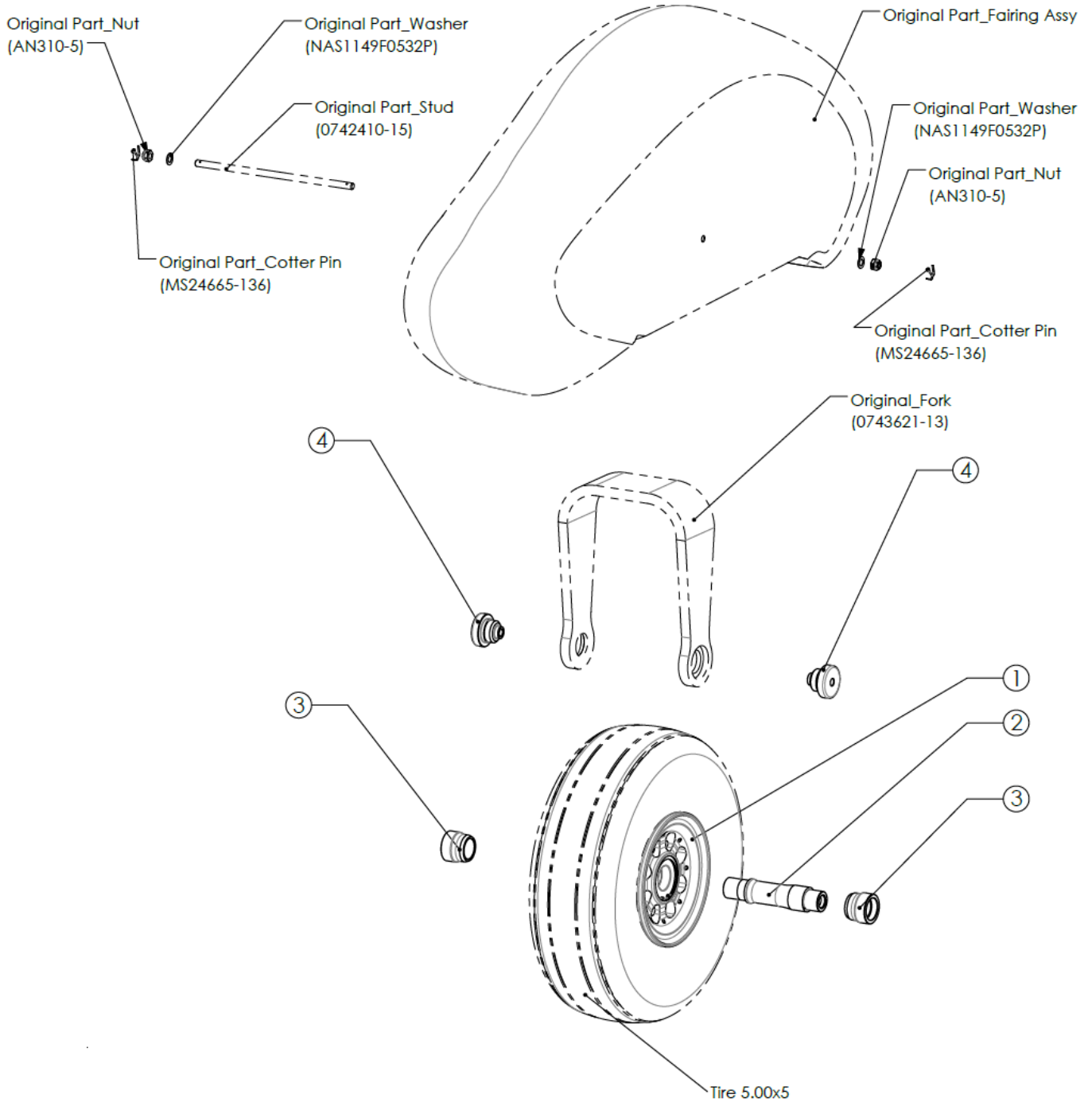


Weight(Without tire)/Masse(Sans pneu): 1834 g

7	NAS1149F0516P	Washer AN5/Rondelle AN5 Fine	2
6	MS21044N-5	AN5_Self-locking Nut/ Ecrou NL	1
5	AN5-64A	AN5 (L=167.48)_Screw / Vis	1
4	RDL-023.1	5.00x5" HL(AXP-005.2)(Without Fairing)_Axle End / Embout de Fourche	2
3	BGE-052	5.00x5" HL(AXP-005.2)_Bearing Spacer / Entretoise Rlt	2
2	AXP-005.2	5.00x5" HL(L=6")_Nose Wheel Axle / Axe Roue AV	1
1	RA-014	5.00x5" HL (Ø25-30)_Nose Wheel Assy/ Roue Avant	1
REP	PART NUMBER	DESCRIPTION	QTY.

**CESSNA 182 – 5" Nose wheel assy
Ref: AV-CESS-430**

WITH FAIRING



Weight(Without tire)/Masse(sans Pneu): 1860 g




4	RDL-023	5.00x5" HL (AXP-005.2)_Axle End / Embout de Fourche	2
3	BGE-052	5.00x5" HL (AXP-005.2)_Bearing Spacer / Entretoise Rlt	2
2	AXP-005.2	5.00x5" HL (L=6")_Nose Wheel Axle / Axe Roue AV	1
1	RA-014	5.00x5" HL (Ø25-30)_Nose Wheel Assy/ Roue Avant	1
REP	PART NUMBER	DESCRIPTION	QTY.

4.4.2 [Installation steps](#)

1. Removal of the existing wheels

- Remove original equipment as per the aircraft manufacturer’s instructions.
- Keep the original parts as mentioned on the assembly drawing.
- Clean these parts and the fork surface to remove any rust or dirt.

2. Assembly of the wheel fairing configuration

	<ul style="list-style-type: none"> ○ If the rim is without tire: install the tire as per the procedure described within SM-02. ○ Option: Install the device SensAIR inside the tire as per the procedure described within SM-08.
	<ul style="list-style-type: none"> ○ Apply a thin coat of bearing grease on the axle surface at the bearing contact locations. ○ Assemble the axle components to the wheel as shown on the assembly drawing.
	<ul style="list-style-type: none"> ○ With fairing configuration: Assemble the wheel to the fork and fairing with the axle end, and the original parts as mentioned on the assembly drawing. ○ Tighten the stud to the torque value specified on the aircraft manual.
	<ul style="list-style-type: none"> ○ Without fairing configuration: Assemble the wheel to the fork with the axle end, and all the components listed in the part list. ○ Tighten the screw to the torque value specified on the assembly drawing.

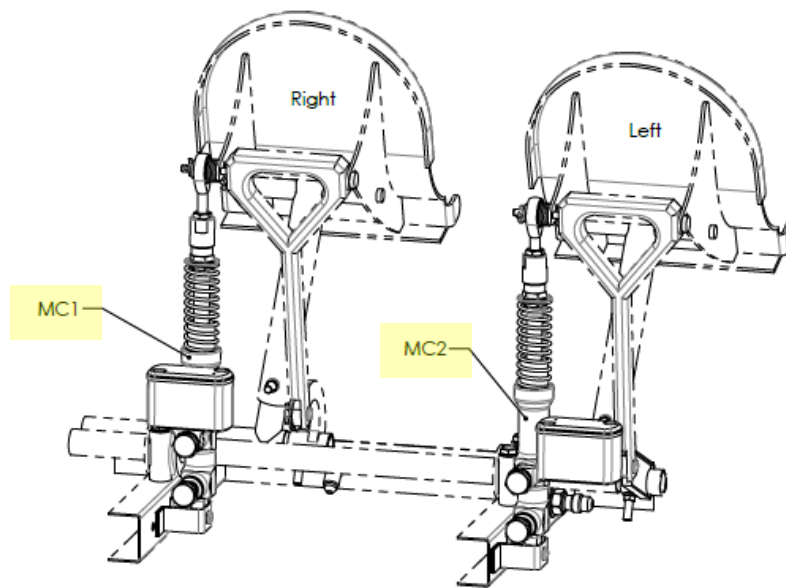
4.5 Master cylinder installation

4.5.1 [Assembly drawing and part list](#)

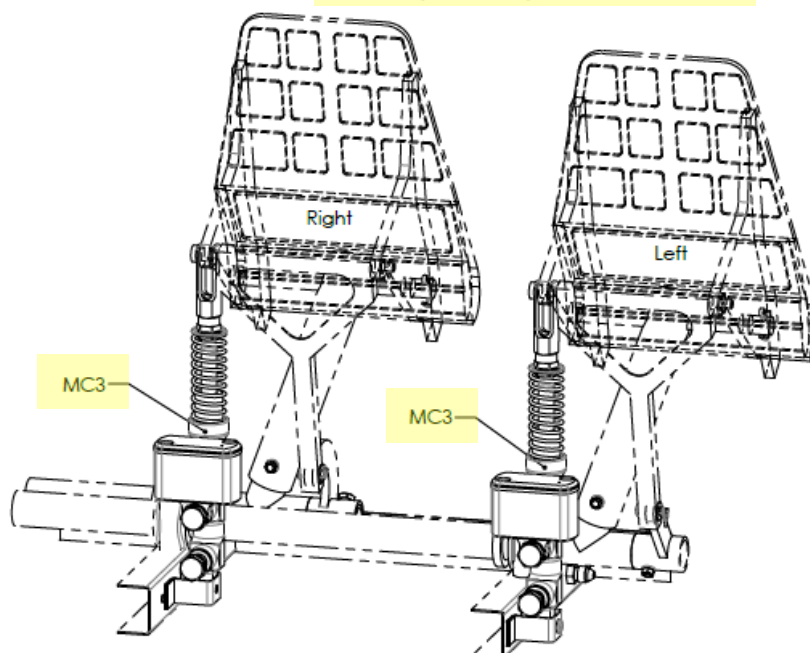
CESSNA 180 & 182 – Brake Master Cylinder assy Ref: AV-CESS-440

- Two configurations possible depending on the Pedal-Brake and Rudder Cessna reference:

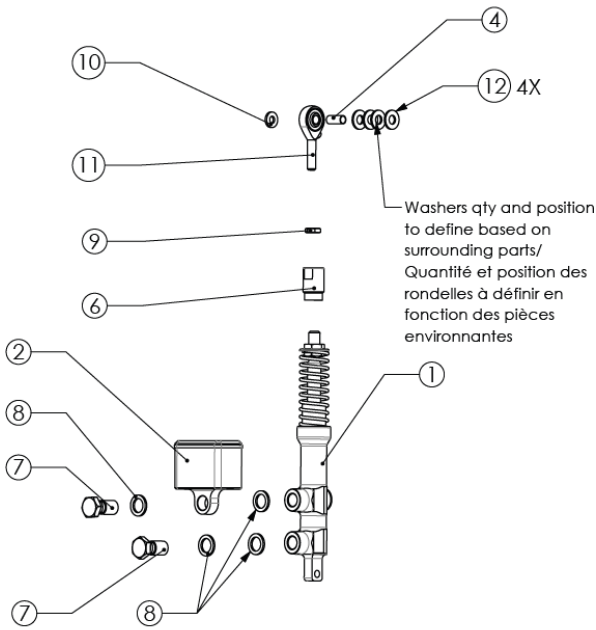
Pedal-Brake and Rudder
0413578-1 & 0760035-1



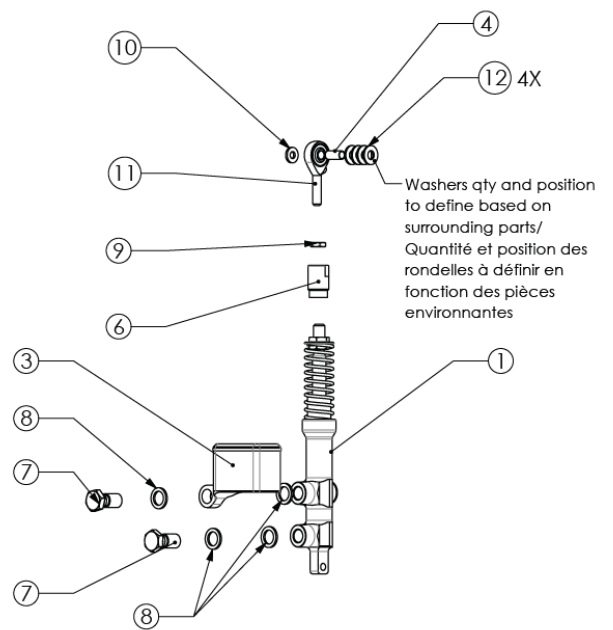
Pedal-Brake and Rudder
0310453-0, 0310453-5, 1460320-1 & 0760678-1



MC1:
Master Cylinder with central reservoir

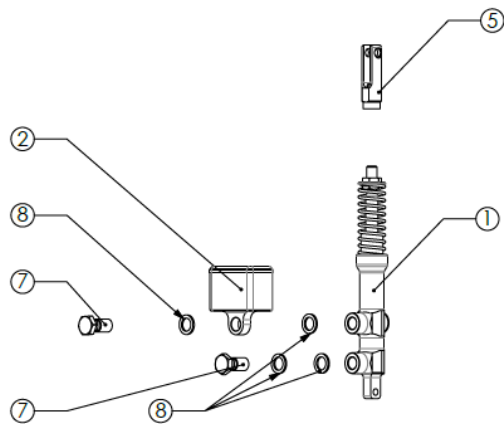


MC2:
Master Cylinder with reservoir on the side



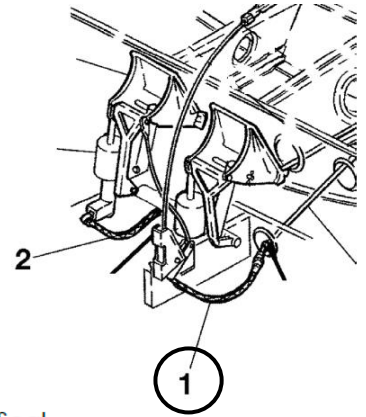
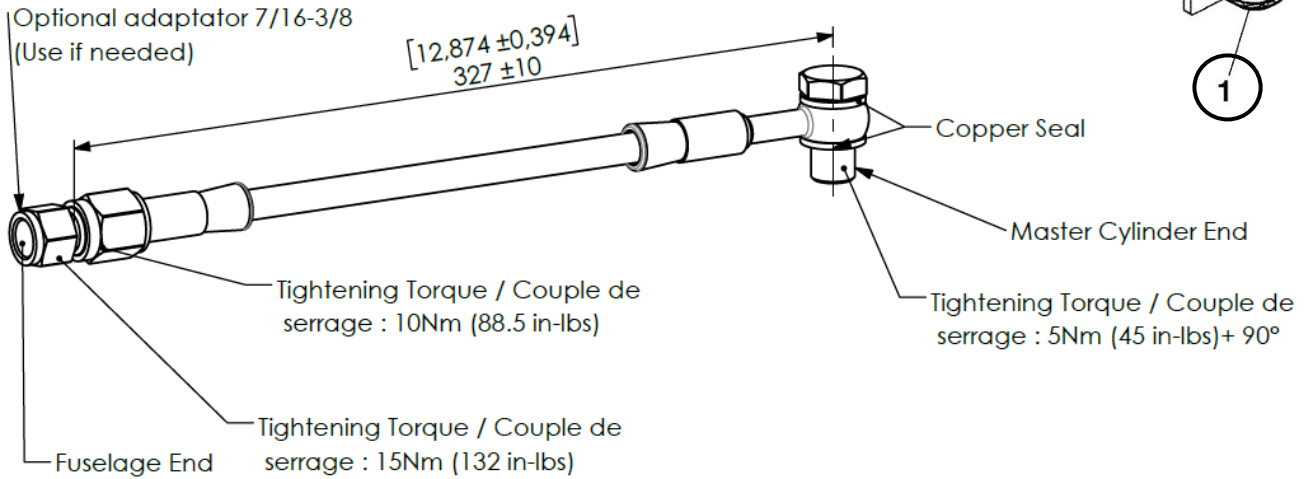
MC3:
Master Cylinder with central reservoir

Note:
Banjo bolt torque: 45 lb.in /5Nm +90°

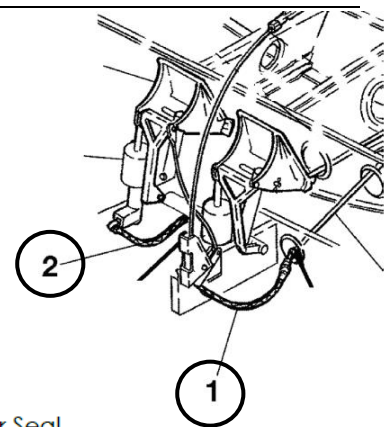
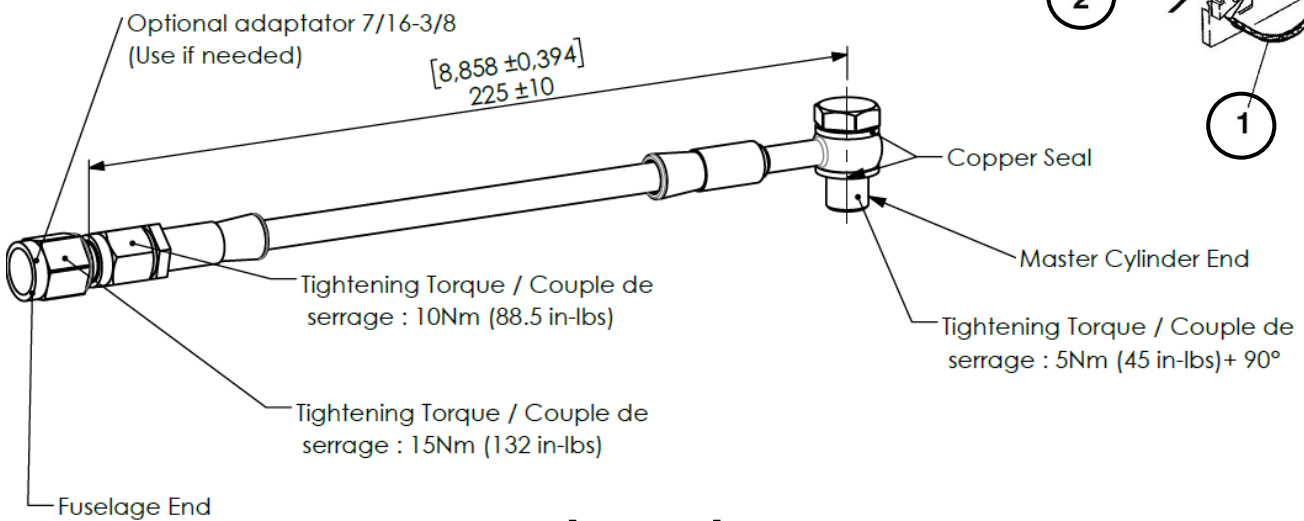


12	R-AP-008	M6_Washer / Rondelle	8
11	ZM-001	M6_Rod End / Rotule	2
10	NAS1149F0363P	AN3_Washer / Rondelle Epaisse	2
9	E-HB-002	M6_Low Nut Stainless Steel/ Ecrou bas Inox	2
8	HYD-005B	Copper Seal/ Joint cuivre	8
7	HYD-003P	M10x1_Banjo Bolt/ Vis Banjo	4
6	CHP-017	Female M8/M6_Master cylinder Extender / Prolongateur MC	2
5	CHP-015	PSM-004_Female Clevis/ Chape Femelle Longue	2
4	BGE-057	5.1x6x14_Bushing / Bague	2
3	RV-002N	Minéral 20ml (Sortie ext)_Integral Reservoir / Réservoir Intégral	1
2	RV-001N	Minéral 20 ml (Sortie Centrale)_Integral Reservoir Assy / Réservoir Intégral	2
1	MP-003.12N	Master Cylinder 1/2" NBR(207)/ Maitre Cylindre 12.2 NBR	2
REP	PART NUMBER	DESCRIPTION	QTY.

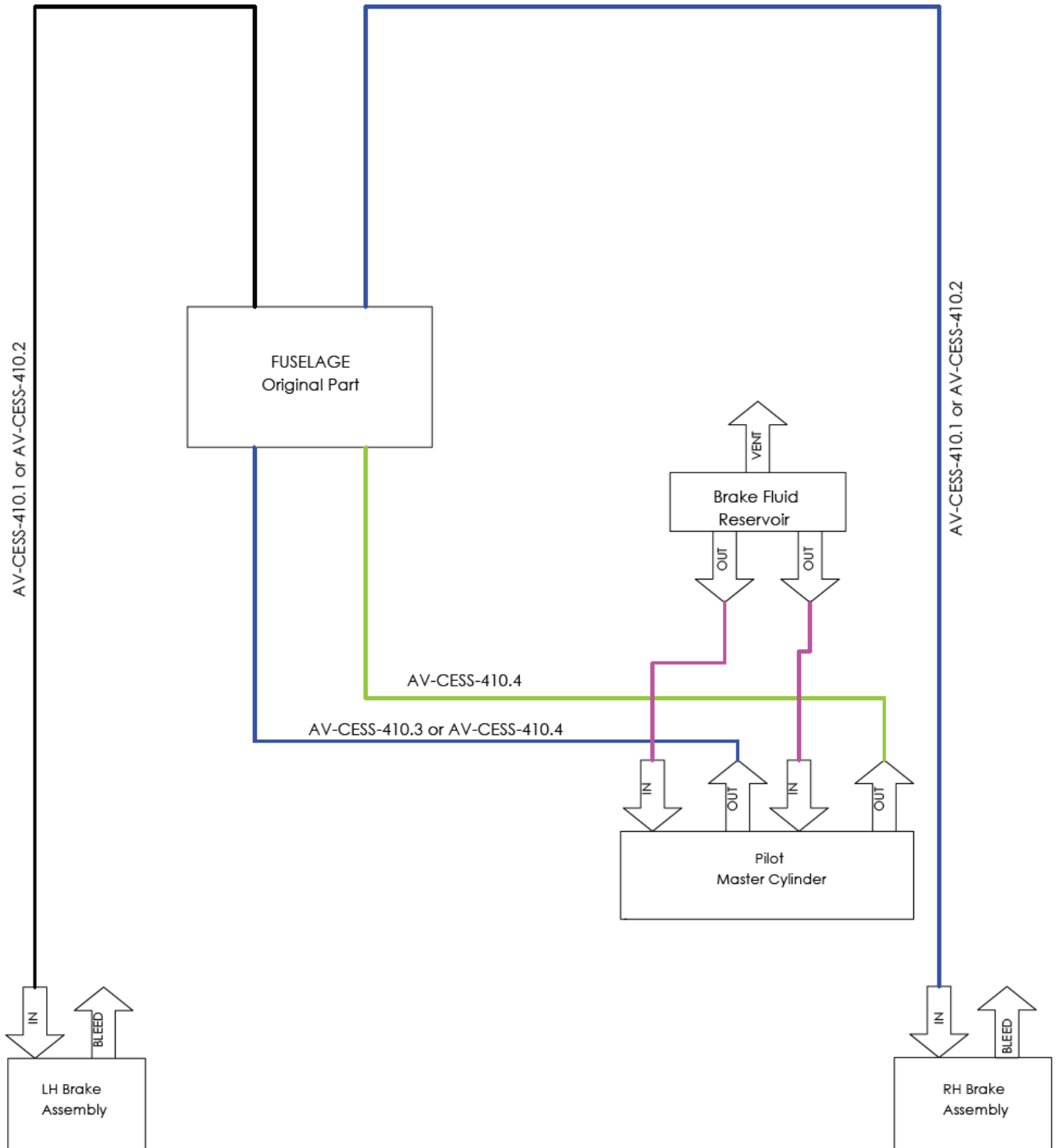
Ref: AV-CESS-410.3 - Long Master Cylinder brake line / Durite longue MP



Ref: AV-CESS-410.4: Short Master Cylinder brake line / Durite courte MP



4.5.2 [Hydraulic schematic](#)



4.5.3 [Installation steps](#)

1. Removal of the original equipment



Recommendation: Dismantle the pedals to have convenient room for equipment removal and installation.

- Remove master cylinders and brake lines as per the aircraft manual instructions.
- Keep the original parts as needed.
- Clean all the surface in interface with BERINGER parts to remove any rust or dirt.

2. Master cylinder installation

You must choose between the three Master cylinder configurations: MC1, MC2 or MC3 depending on the pedal brake and rudder assembly of your Cessna model (Refer to the paragraph §4.5.1).

BERINGER provides parts for the three configurations in order to adapt the kit to all models and ensure no interference with both pedal arms (link dual controls) and firewall.



- Assemble the tank and the extender on the master cylinders as per the correct configuration and torque as per the assembly drawing.
- Place the tank with BERINGER marking toward the MC).



- Assemble the brake line with the MC.
- Recommendation:** Do not torque the brake line before it is set on the pedal in neutral position inside the cockpit.



- Install the two master cylinders at the same locations as original equipment as per the assembly drawing with the original pins and cotter pins parts.



Instructions for Continued Airworthiness

Project Reference
STC-022

ICA-STC-022

REV. 03



- Connect the two brake lines to the aircraft.
- Use the fitting 7/16-3/8 if needed as per the drawing
- Torque as per the drawing value



- Assemble the Master cylinders on the pedals with the original cotter pins as per the aircraft manual.
- Re-connect the parking brake cable.

WARNING: Do all the checks required to ensure free travel of the rudder pedal in every position and good curve and tension on the brake lines.

5 INITIAL USE

BERINGER brakes need to be bled and conditioned prior to use.

For procedure instructions, refer to the following manuals available on BERINGER website:

- BRAKE BLEEDING procedure MM-00-003
- BRAKE CONDITIONING procedure MM-01-002

Completing the procedure conforms the brakes to the STC requirements. However, note that the brake performance will continue to improve during the first few hours of use.

6 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

All instructions for continued airworthiness are provided through the Servicing Manuals (SM) and Maintenance Manual (MM) of BERINGER.

- The Servicing Manuals (SM) sums-up the parts replacement scheme, the maintenance intervals, troubleshooting and the Maintenance Working Cards to be used for each BERINGER assembly.
- The Maintenance Manual (MM) describes each maintenance step for all BERINGER products.

Refer to the maintenance guide SM-00 for general guidance.

The SM breakdown structure is as follows:

Servicing Manual Reference	Product Type	Product Reference
SM-01	Brake Assembly	EA-xxx
SM-02	Nose/Tail wheel	RA-xxx
SM-02	Main wheel	RF-xxx
SM-03	Control-stick Master-Cylinders	MM-xxx
SM-03	Longitudinal Master-Cylinders	MP-xxx
SM-04	Parking Brake	FP-xxx
SM-05	Brake Pressure regulator	RE-xxx
SM-06	Brake Pressure limiter	LM-xxx
SM-07	Shock Wheel	LL-xxx
SM-08	SensAIR device	TP-xxx
SM-09	Tyre 5x2.00-3.7 & 6x2.00-3.7	PAR-xxx
SM-10	Carbon Fairing	CR-xxx

All documents are all available on:



BERINGER website: www.beringer-aero.com/Support
Go to Support section.

	Instructions for Continued Airworthiness	Project Reference	ICA-STC-022
		STC-022	REV. 03

7 AIRWORTHINESS LIMITATIONS SECTION

The Airworthiness Limitations section is FAA approved and specifies maintenance required under §§43.16 and 91.403 of Title 14 of the Code of Federal Regulations unless an alternative program has been FAA approved.

There are no new (or additional) airworthiness limitations associated with this equipment and /or installation.

8 ASSOCIATED DOCUMENTS

Document reference	Document title
NP-STC-022	Part List
SM-02	Wheels Servicing Manual
MM-00-004	Hydraulic Lines and Connections
MM-00-003	BRAKE BLEEDING procedure
MM-01-002	BRAKE CONDITIONING procedure
SM-00	BERINGER PRODUCTS MAINTENANCE GUIDE

Refer to the latest revision.