Working instruction No 1 for TN 1000/38 Revision 1

A Removal and re-assembly of the carburettors

(necessary every 10 years to exchange the fuel lines)

1. Remove both throttle cables from the carburettors.
2. If necessary screw out the mounting bolt of the upper ignition coil, but don't screw out completely.
3. Remove the nuts fixing the carburettor manifolds on the stud bolts protruding out of the cylinders. Remove 3 bolts fixing the air baffle to the engine. Pull of the front spark plug cap.
4. Remove the impulse line from the mechanical fuel pump.
5. Pull off both carburettors together with the air baffle from the engine, no the amount and position of all gaskets.
6. Exchange the fuel lines.
7. For re-installation use new gaskets, lock washers and nuts. Torque the nuts with 20Nm (15 ft lb).
8. Necessary material

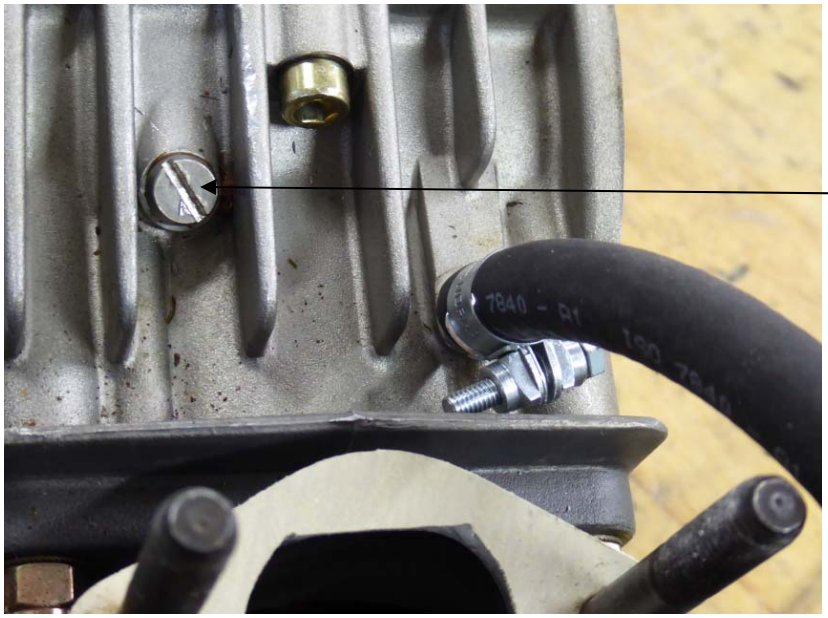
Quantity	DG part No.	Description
4	60500199	carburettor gasket
4	52060031	lock washer VS8
4	60500181	copper hex nut M8 THE SW12

B Moving the nipple for the vacuum impulse line

(Necessary once to enable the securing of the vacuum impulse line with a hose clamp The lock wire securing used so far is not optimal to secure the relatively stiff hose according to ISO 7840-A1.)

1. Remove the carburettors see A. Remove the impulse line from the nipple.
2. Screw out the nipple and the plug screw positioned a little further aft.
3. Assemble nipple and plug screw vice versa. Use new copper sealing rings and secure in addition with Loctite 243.
4. Install the vacuum impulse line according to MM diagram 15 resp. 15a and the photo on the next page.
5. Necessary material

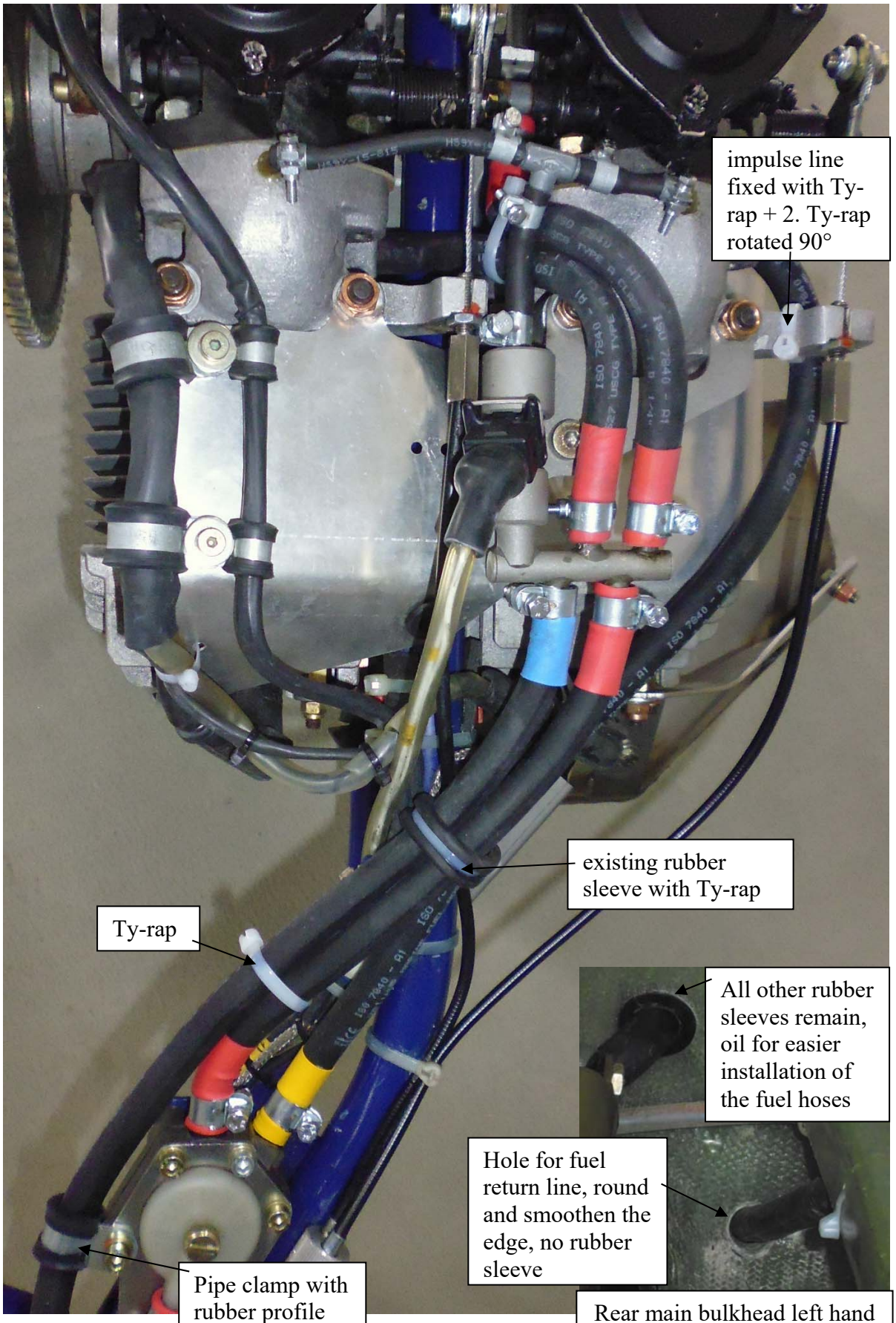
Quantity	DG part No.	Description
2	53691402	copper sealing ring 6 mm
	30000305	Loctite 243

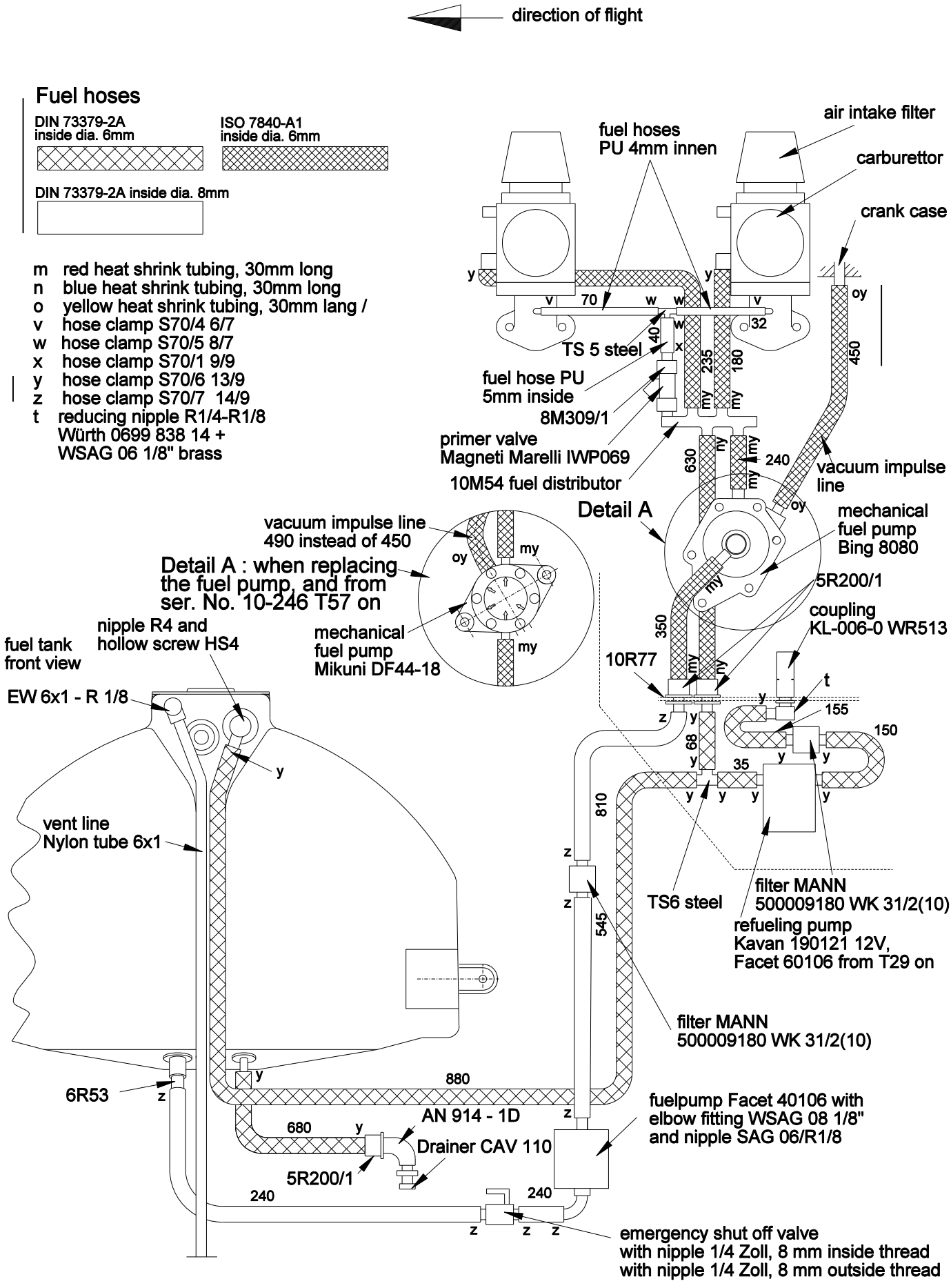


Moving the nipple

Initial position of the nipple, now plug screw

Routing the vacuum impulse line and other details

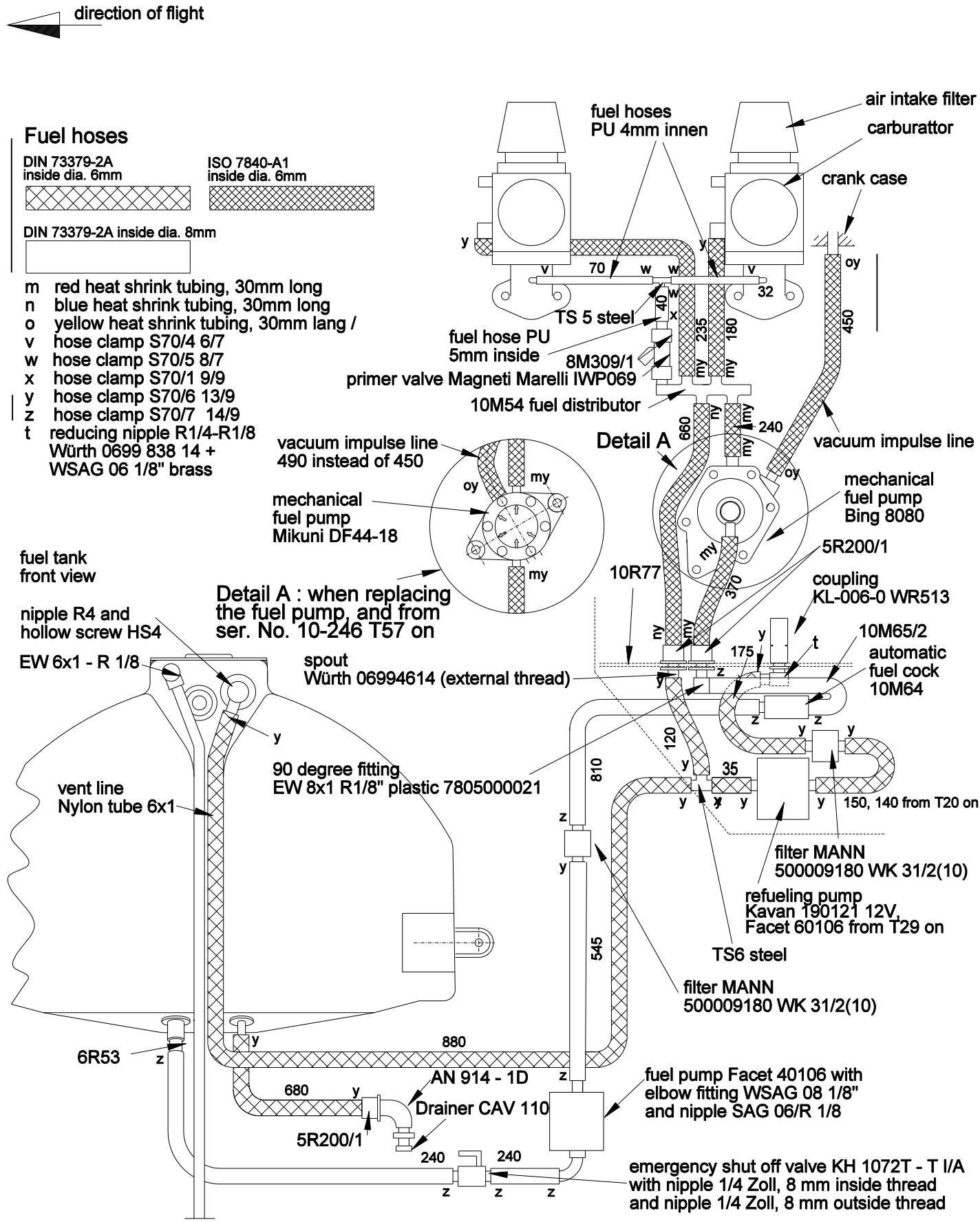




All dimensions in mm, 25.4 mm= 1 in.

Fuel system with automatic fuel cock

diagram 15 a



All dimensions in mm, 25.4 mm= 1 in.

TN 1000/38 Issued: January 2018