



INSTRUCTION TO SERVICE

ITS: 6338

SECTION:	Chassis
WRITTEN BY:	Kevin Robinson
SUBJECT:	MiDi – Inspect and reorient air filter as required.

ITS6338

THIS DOCUMENT AND THE CONTENTS DISCUSSED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY INFORMATION OF NEW FLYER INDUSTRIES CANADA ULC AND NEW FLYER OF AMERICA INC. AND ARE DISCLOSED BY NEW FLYER IN CONFIDENCE. THIS DOCUMENT AND THE CONTENTS HEREIN ARE NOT TO BE DISCLOSED BY THE INTENDED RECIPIENT WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF NEW FLYER. ANY UNAUTHOIZED DISCLOSURE, REPRODUCTION OR OTHER DISTRIBUTION OF THIS DOCUMENT OR INFORMATION IS STRICTLY PROHIBITED AND MAY RESULT IN ACTION BEING TAKEN AGAINST THE PARTY MAKING THE UNAUTHORIZED DISCLOSURE. THIS DOCUMENT AND ALL COPIES HEREOF MUST BE RETURNED TO NEW FLYER UPON REQUEST.

PROCEDURE:

Inspection

1. Turn the main battery disconnect switch to the “OFF” position.
2. Open the rear engine access door and locate the air filter assembly. Refer to Figure 1.

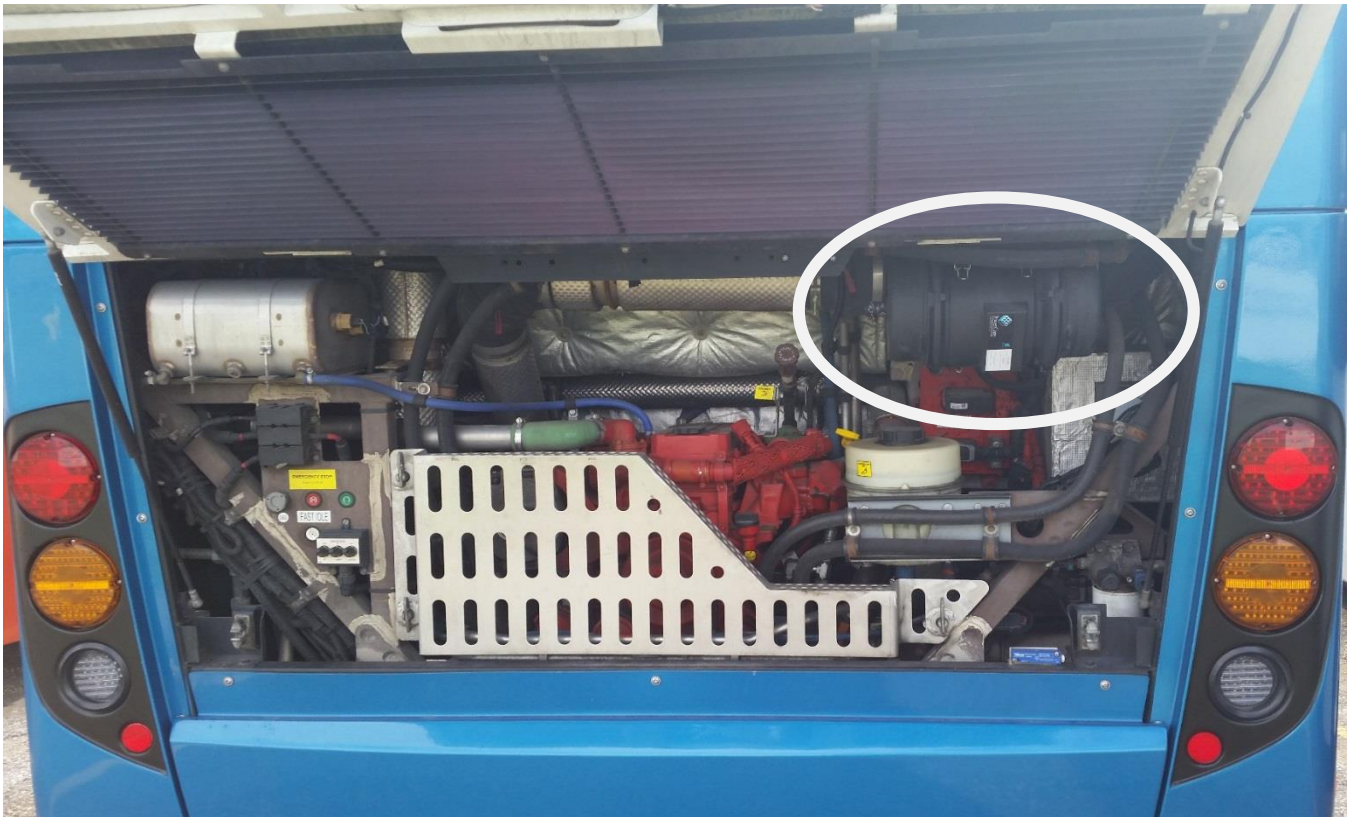


Figure 1: Location of air filter assembly

3. Open the access door to view the air filter media and inspect the orientation of the air filter. Refer to Figure 2
 - a. If the filter is oriented correctly then you are complete, go to step 10.
 - b. If the filter is oriented incorrectly then it must be reoriented and the filter replaced, go to step 4.

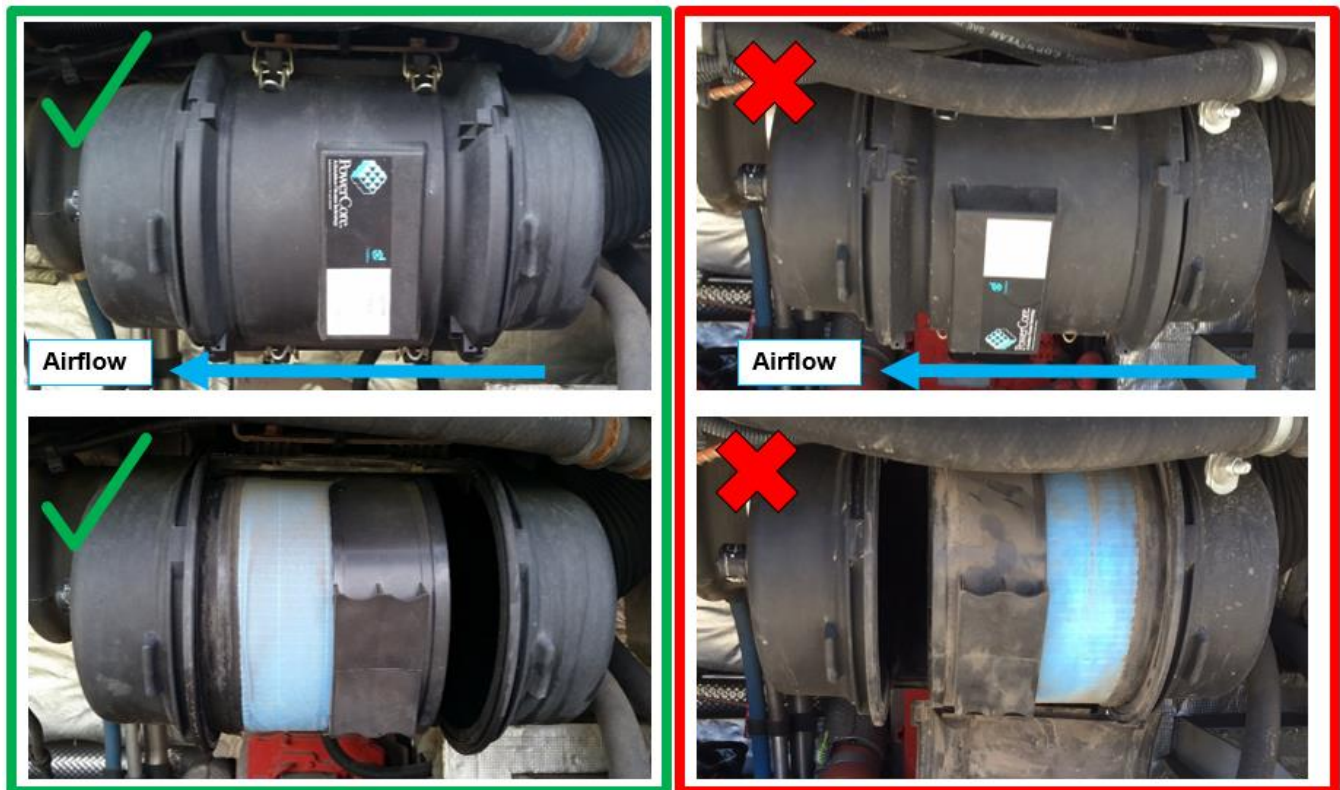


Figure 2: Correct orientation on left. Incorrect orientation on right.

Shown with access door both open and closed

Reorient air filter and replace filter

4. If the air filter assembly was found to be incorrectly installed;
 - a. Take a picture of the air filter assembly with the filter showing, similar to what is shown in Figure 2.
 - b. Provide the picture along with the VIN of the bus to your New Flyer RPSM.
 - c. Complete the following steps.
5. Remove the filter canister from the bus as well as all tubing downstream from it to the turbo charger. Discard the filter cartridge inside the canister.
6. Thoroughly clean the interior of the filter canister as well as all removed tubing and elbows. Retain all hardware for re-use.
7. Unscrew the filter minder from the air filter assembly and place it on the other side of the canister. Place the dust cap from the new filter minder location over the opposite side.
8. Re-install the air filter canister, ensuring proper orientation as shown in Figure 2. Install a new filter into the air filter canister.
9. Re-install the tubing, removed and cleaned previously, from the turbo to the air filter canister. Refer to figure 3 for proper installation. Reuse existing hardware.

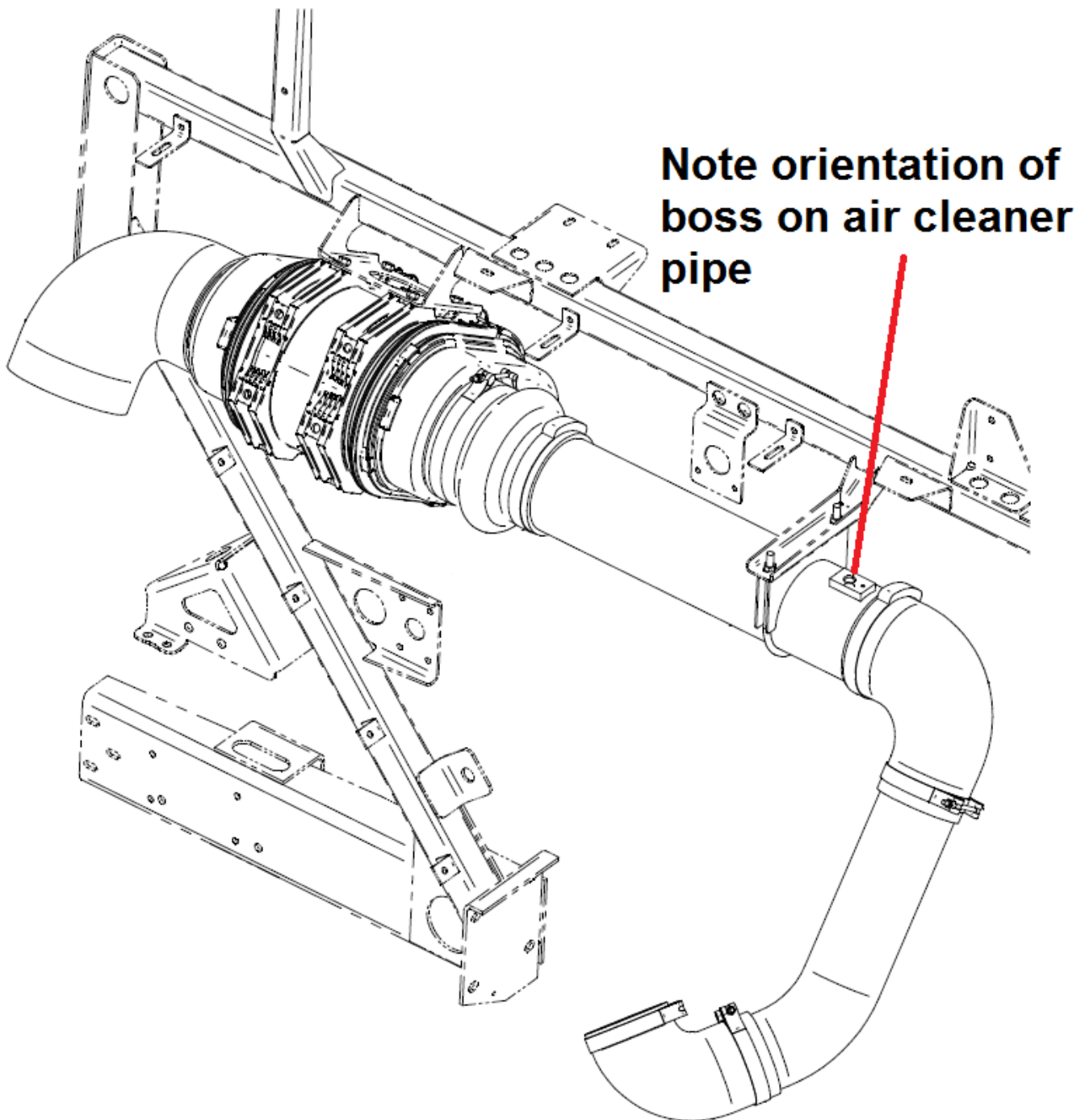


Figure 3: Intake pipe installation, as viewed from inside engine compartment

10. Remove all tools and debris and return the bus to service condition.
11. Turn the main battery disconnect switch to the "ON" position.

LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	MiDi – Inspect air filter orientation	1	0.17	0.17
2	MiDi – Reorient air filter canister and replace filter	1	1.5	1.5

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	N/A	No parts Required	N/A	EA	