

advanced FLOW engineering

Magnum FORCE Stage-2 Air Intake System

Instruction Manual P/N: 54-13014D/ 54-13014R

Make: **Toyota** Model: **4Runner** Year: **1996-1998** Engine: **V6-3.4L**



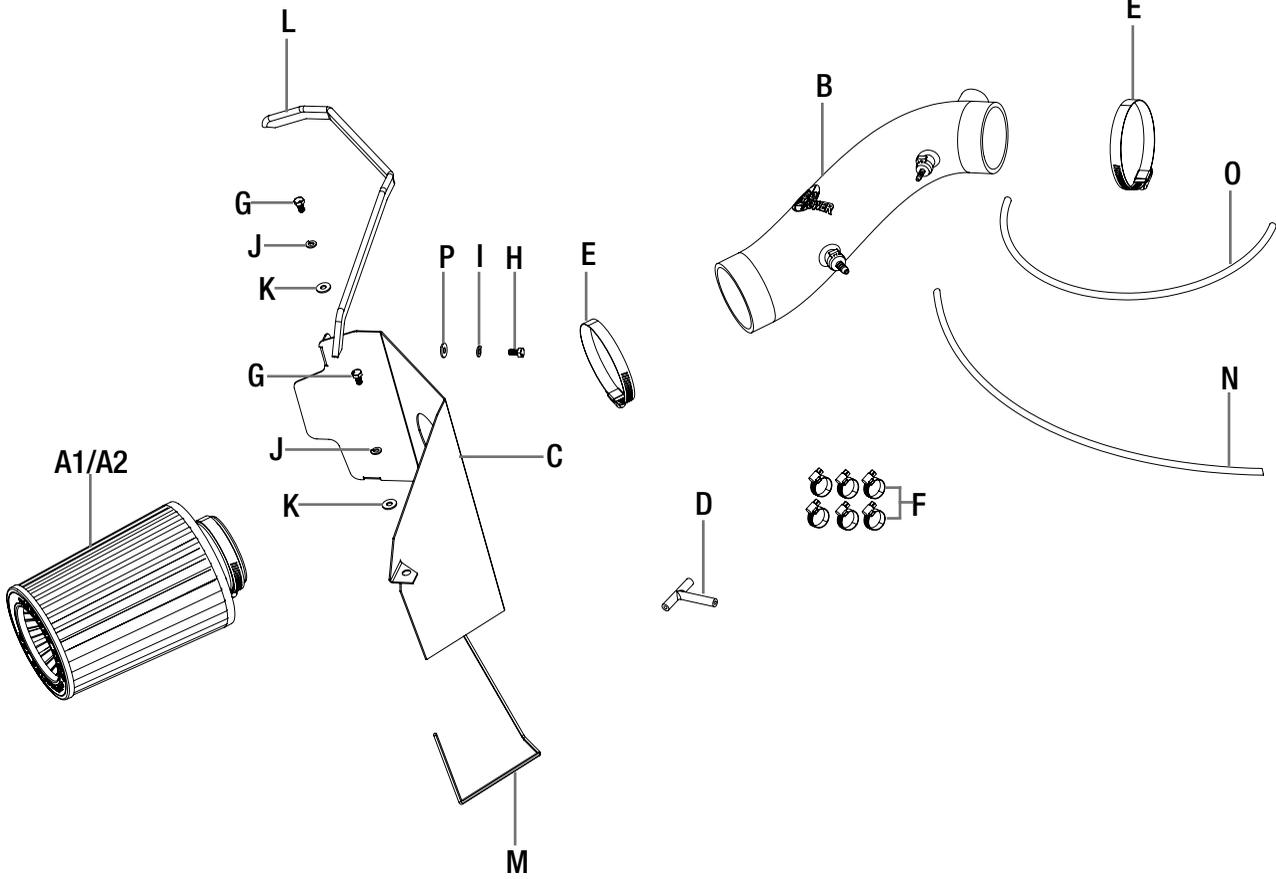
- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

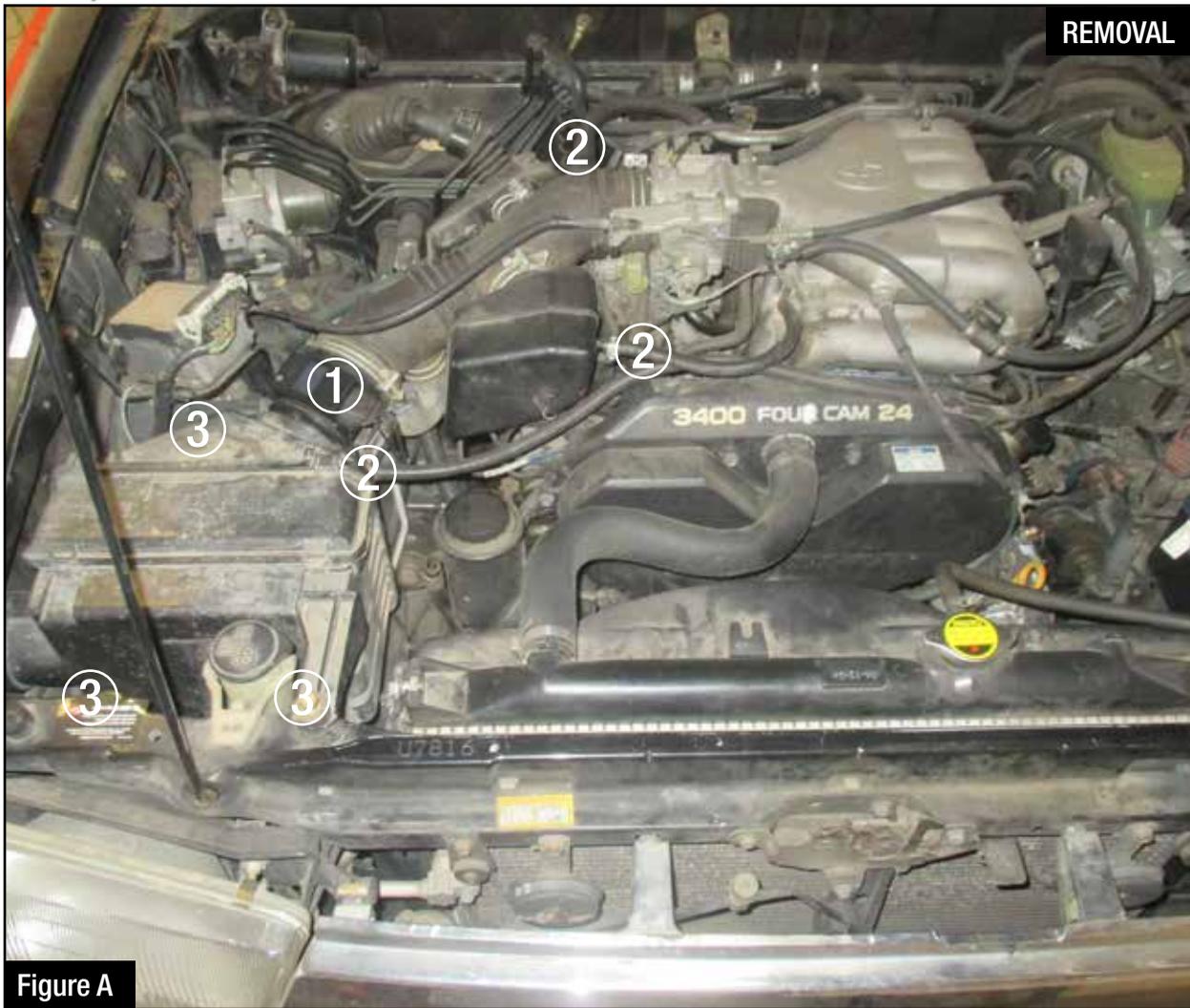
Label	Qty.	Description	Part Number
A1	1	Pro DRY S Air Filter	21-91139
A2	1	Pro 5R Air Filter	24-91139
B	1	Tube	05-5413014B1
C	1	Housing	05-5413014B2
D	1	Fitting, Tee -5/16"	03-50318
E	2	Clamp, #048	03-50007
F	6	Clamp, Mini #006	03-50025
G	2	Screw, Hex Hd: M8	03-50031
H	1	Screw Hex Hd: M6	03-50032
I	1	Washer, Flat: M6	03-50070
J	2	Washer, Lock: M8	03-50086
K	2	Washer, Flat: M8	03-50159
L	1	Seal, Trim: 3/4" (21 inches)	05-00007
M	1	Seal, Trim: 7/16" (13 inches)	05-00072
N	1	Hose, Fuel: 1/2" (22 inches)	05-00027
O	1	Hose, Fuel: 3/8" (30 inches)	05-00110
P	1	Washer, Lock: M6	03-50071

Installation will require the following tool(s):

8mm nut driver, 10mm nut driver, 12mm nut driver or deep socket, and adjustable wrench.

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations.




Figure A
Refer to Figure A for Steps 1-4

Step 1: Disconnect the MAF sensor harness. ①

Step 2: Disconnect the 3 hoses the stock intake. ②

Step 3: Loosen the clamp on the stock intake tube connecting to the MAF cartridge.

Step 4: Remove 12mm bolts on the stock airbox and remove the stock airbox out of the vehicle. ③

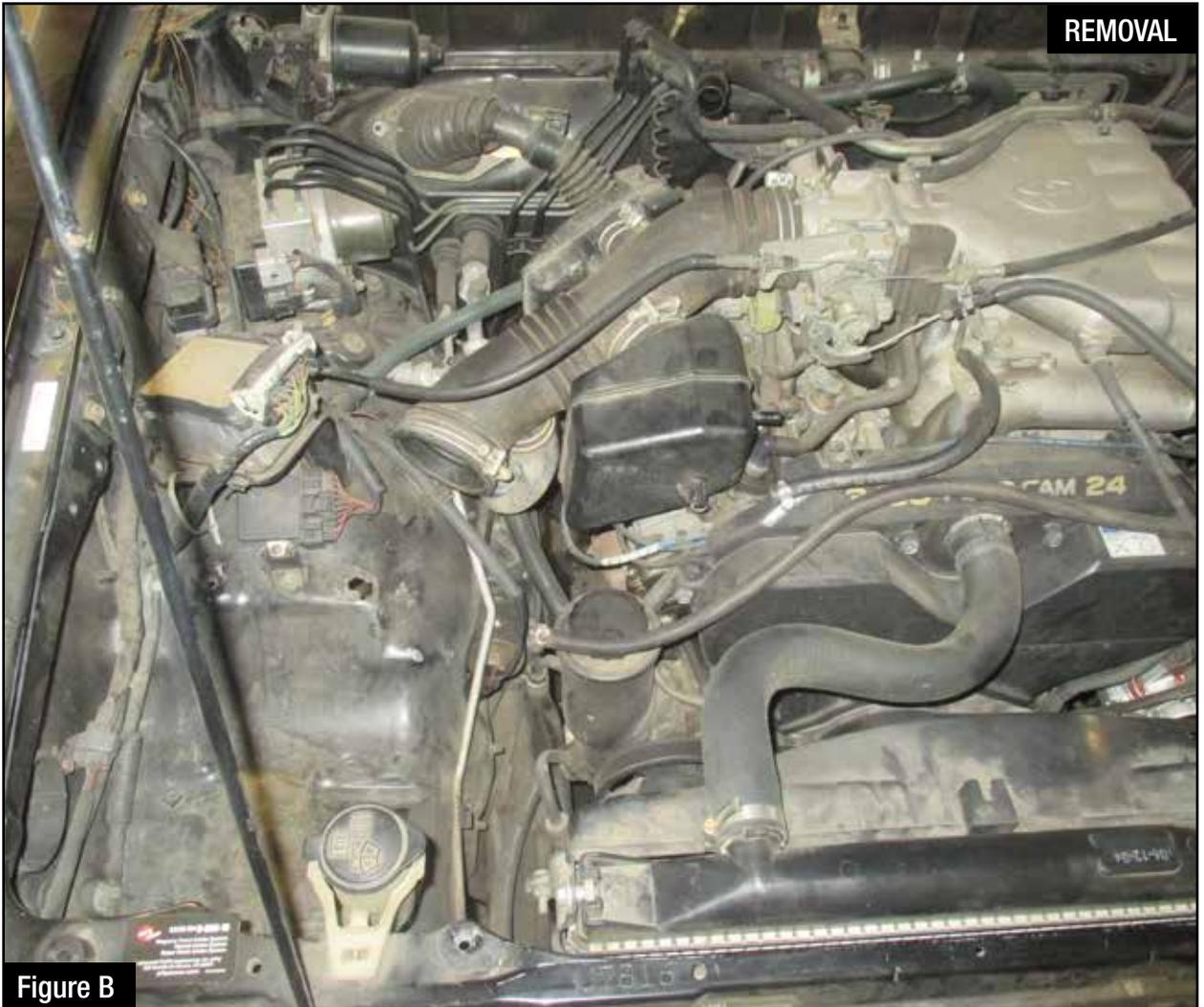


Figure B

Refer to Figure B for Step 5

Step 5: Loosen the clamp on the throttle body connecting to the intake tube and remove out of vehicle.



Figure C

Refer to Figure C for Step 6

Step 6: Pre-install the trim seals onto the aFe housing.

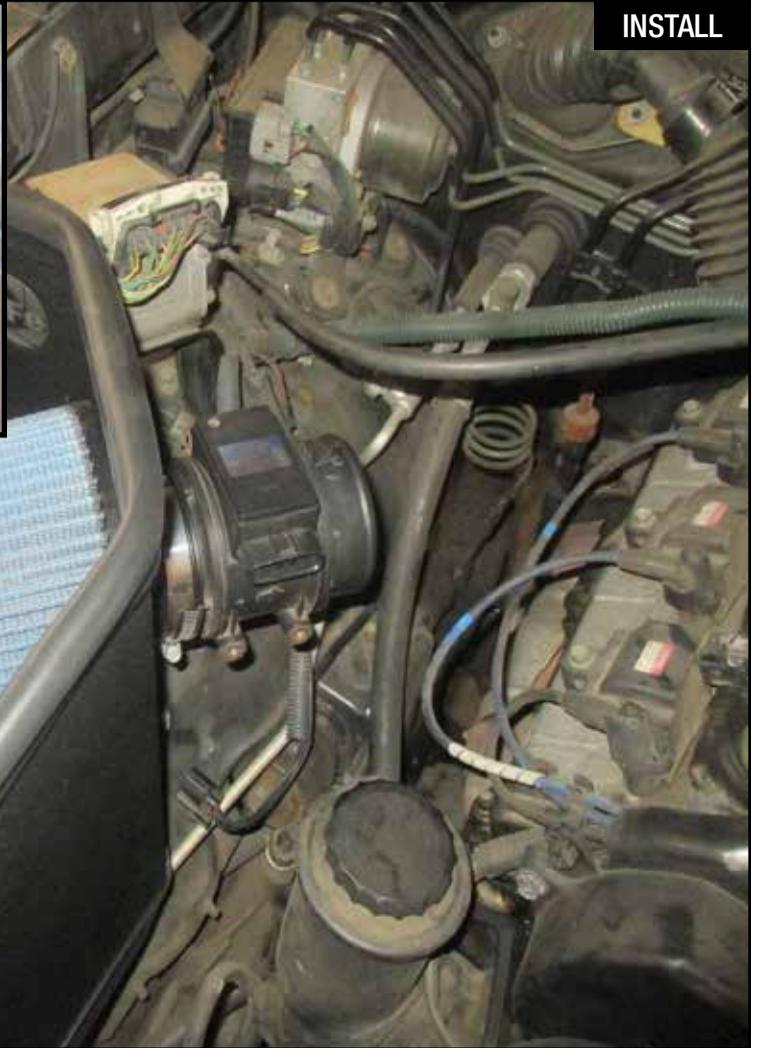


Figure D

Refer to Figure D for Steps 7-9

Step 7: Install the aFe housing with the provided hardware into the vehicle.

Step 8: Slide the aFe filter into the housing and assure filter retain bumps are lock onto the housing.

Step 9: Transfer the stock MAF cartridge from the stock airbox into the aFe filter and secure it by tightening the clamp.



Figure E

Refer to Figure E for Steps 10-11

Step 10: Install the silicone intake tube into the vehicle by sliding into the throttle body first then onto the MAF cartridge.

Step 11: Align intake tube and secure with the provided clamps.

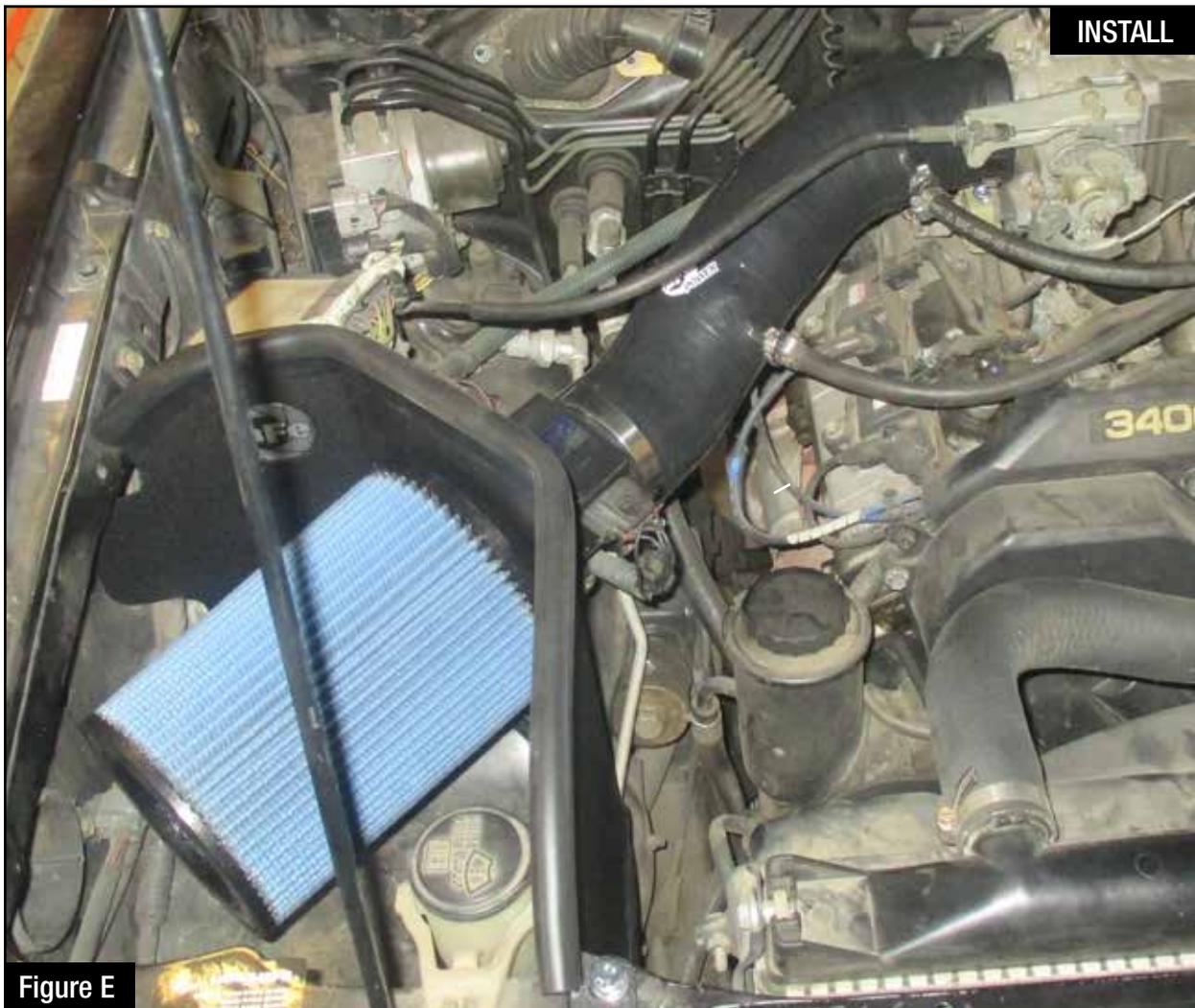


Figure E

Refer to Figure E for Steps 12-17

Note: If vehicle is equipped power steering pump vent hose, included is a Tee fitting and mini clamps to connect in line with the Evap canister hose.

Step 12: With the provided hoses replace the crank case line and Evap canister line securing them with the provided mini clamps.

Step 13: Connect the 2 hose to afe intake tube.

Step 14: Reconnect the MAF harness to the cartridge.

Step 15: Connect the stock vacuum port in to the aFe intake tube

Step 16: Verify all clamps and hardware are tight at this time.

Step 17: Your installation is now complete.



Pro DRY S Air Filter



P/N: 21-91139

Pro 5R Air Filter



P/N: 24-91139

Air Filter Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Oil Filter



P/N: 44-LF014

Sway-A-Way
2.0" Coilover Kit



P/N: 101-5200-07 (Fronts)

Sway-A-Way
2.5" Coilover Kit



P/N: 101-5600-07 (Fronts)

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to aFepower.com.

Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"), email RGA@afepower.com or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

Product Category	P/N Prefix	Warranty duration
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 23, 24, 72	2 years
Air Intake Systems	50, 51, 53, 54, 55, 75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



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