AirFilterHowToBroch(New).qxd 7/21/04 6:53 PM Page 1

TROUBLESHOOTING

CONDITION	ACTION
There is a rattling noise at idle or at higher rpm:	Check that all the air filter cover clips have been fastened. Check that the air filter element is installed properly. If problems persist, take the vehicle to your Toyota Dealer Service Department for diagnosis and repair.
Engine runs rough or will not run:	Check that nothing is blocking the airflow path (paper towels or other debris inside housing). Check that the air filter element has been installed correctly. Check that the airflow meter electrical connector has been reinstalled (if so equipped). If problems persist, take the vehicle to your Toyota Dealer Service Department for diagnosis and repair.
The “Check Engine” light comes on:	Take the vehicle to your Toyota Dealer Service Department for diagnosis and repair.

REFERENCES

Please refer to the following sources for additional information:

- Your vehicle’s Owner’s Manual
- Your vehicle’s Repair Manual
- Genuine Toyota Air Filter Brochure (Available in English and Spanish)

CAUTION

Moving parts like the fan blade and drive belts, as well as extreme heat in the engine compartment or from the exhaust system can result in serious injury.

- Approach with caution and care.
- Never take shortcuts when replacing parts.
- Improper servicing may damage your Toyota and lead to personal injury.
- Unless you have proper knowledge, equipment and tools, you should have your Toyota Dealer Service Department perform the repairs and maintenance.

IMPORTANT SAFETY NOTICE

Proper installation of Genuine Toyota replacement parts is essential for the safe and reliable operation of your vehicle.

Following these instructions will:

- Help to assure your personal safety
- Assist you in the proper replacement of specific parts

There are many variations in the step-by-step procedures used in installing various parts, and varying skill levels of individuals doing the parts replacement. These instructions cannot anticipate all circumstances or provide advice and caution on each. If you are in doubt concerning your ability to replace the part or have any questions, consult your local Toyota Dealer Service Department and have the work performed by an experienced technician.

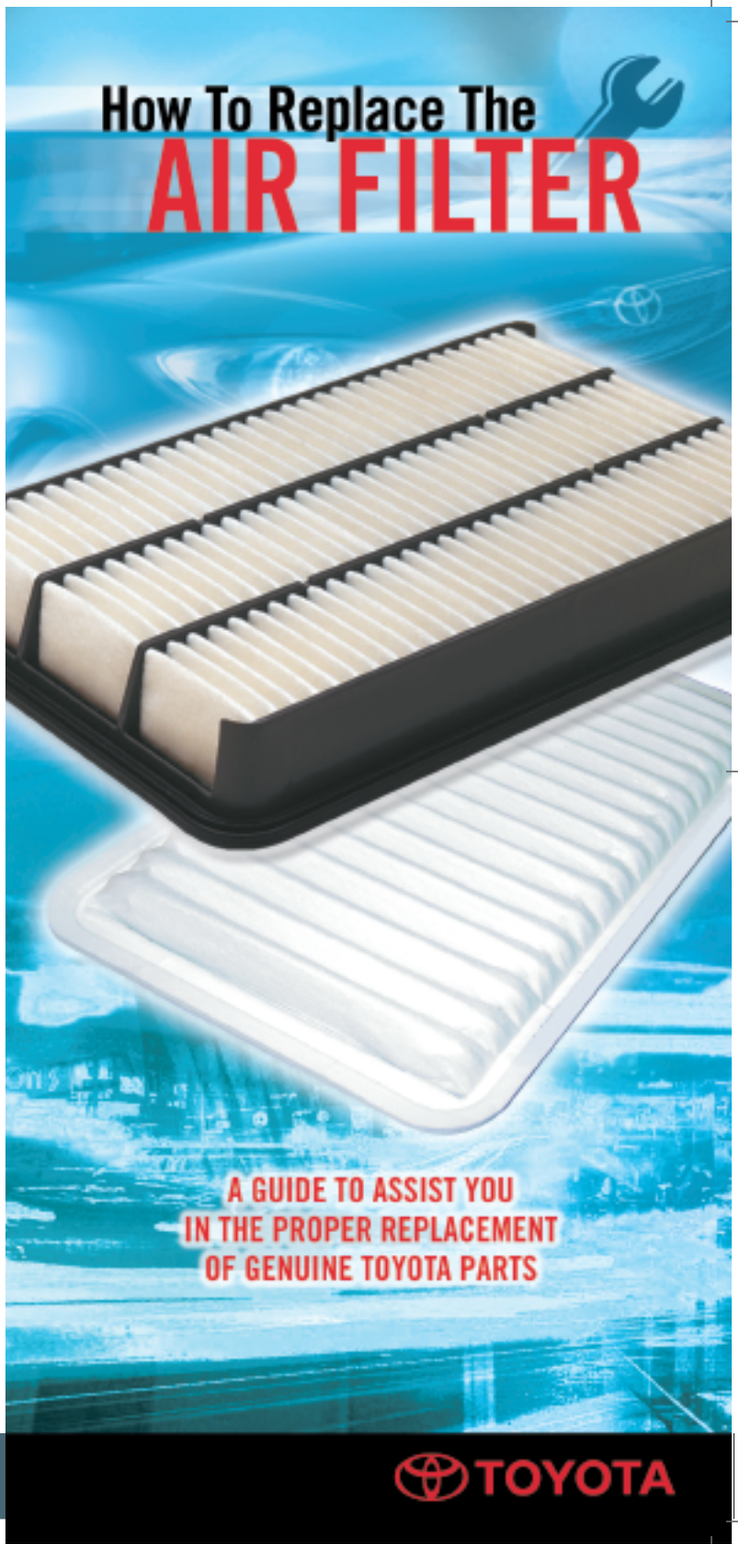
For further assistance, contact your Toyota dealer.

TOYOTA
GENUINE PARTS

Visit our Web site at www.toyota.com

M/N 00405-HOWTO-AFILT

How To Replace The AIR FILTER



A GUIDE TO ASSIST YOU
IN THE PROPER REPLACEMENT
OF GENUINE TOYOTA PARTS

TOYOTA

AirFilterHowToBroch(New).qxd 7/21/04 6:53 PM Page 2

DIFFICULTY LEVEL
FROM ONE TO FOUR–FOUR BEING THE MOST DIFFICULT

ESTIMATED TIME INVOLVED
5-15 MINUTES

TOOLS AND SUPPLIES

- **Genuine Toyota Air Filter Element**
- **Rag or Paper Towels**

NOTE: Refer to your vehicle maintenance schedule for replacement intervals. When driving in dusty conditions, replace the filter element more frequently to ensure proper performance and fuel economy.

CAUTION: NEVER drive with the air filter removed. Backfiring may cause a fire under the hood, and harmful dirt could be drawn into the engine resulting in possible damage.

INSTRUCTIONS

1. ALWAYS REMOVE THE KEYS FROM THE IGNITION WHEN WORKING ON THE VEHICLE. SEE **CAUTION** ON BACK PANEL.

2. REMOVE THE AIR FILTER COVER WINGNUT(S) – This only applies to vehicles with carburetors (see photo).





3. RELEASE THE RETAINING CLIPS – Release each retaining clip around the rim of the air filter cover for both carbureted and fuel-injected systems.



INSTRUCTIONS (continued)

4. DISCONNECT ANY HOSE(S) FROM THE AIR FILTER COVER – If required, loosen the hose clamp and disconnect any hoses attached to the air filter cover. Be sure to label the hoses to aid in the correct reinstallation.



⚠**WARNING:** Severe and costly damage may result if airflow meter screws are removed.

NOTE: Certain EFI vehicles have an airflow meter (see photo). It's necessary to disconnect the air flow meter electrical connector in order to remove the air filter housing and to remove and replace the air filter.

During the removal, DO NOT remove or unscrew the air flow meter screws.



5. REMOVE THE COVER – Lift the cover and set it aside.

6. REMOVE AND INSPECT FILTER ELEMENT – Lift out the element and inspect its surface.



NOTE: If the element is just moderately dusty, it may be cleaned by blowing compressed air from the inside outward or from the downside upward. NEVER wash or oil the element.

7. CLEAN INSIDE THE FILTER CASE – Wipe out the inside of the filter case and filter cover with a rag or paper towel.

INSTRUCTIONS (continued)

8. PLACE A NEW ELEMENT IN THE FILTER CASE – Be sure that it is properly centered with the correct side up.



NOTE: It is strongly advised to use a Genuine Toyota air filter as a replacement.

9. PLACE THE AIR FILTER COVER IN POSITION – Align the arrow on the cover with the arrow on the air filter case (if so marked).



⚠**WARNING:** If the air filter housing assembly has been removed, be sure to put it back on correctly. If it is not correctly installed, engine damage could result.

Reconnect the airflow meter electrical connector if it has been disconnected.

10. FASTEN THE RETAINING CLIPS – Hook each clip over the edge of the cover and press down on the clip to secure it.

11. REINSTALL THE WINGNUT(S) if required.