Banks Ram-Air® Filter
with Silencer Delete Tube

2014-2015 3.0L EcoDiesel Ram 1500

THIS MANUAL IS FOR USE WITH SYSTEM 42260

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bankspower.com
THIS IS A HIGH PERFORMANCE PRODUCT. USE AT YOUR OWN RISK.

Do not use this product until you have carefully read the following agreement.

This sets forth the terms and conditions for the use of this product. The installation of this product indicates that the BUYER has read and understands this agreement and accepts its terms and conditions.

Disclaimer of Liability

Gale Banks Engineering Inc., and its distributors, employees, and dealers (hereafter “SELLER”) shall in no way be responsible for the product’s proper use and service. The BUYER hereby waives all liability claims.

The BUYER acknowledges that he/she is not relying on the SELLER’s skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extended beyond the description on the face hereof and the BUYER hereby waives all remedies or liabilities, expressed or implied, arising by law or otherwise, (including without any obligations of the SELLER with respect to fitness, merchantability, and consequential damages) whether or not occasioned by the SELLER’s negligence.

The BUYER is responsible to fully understand the capability and limitations of his/her vehicle according to manufacturer specifications and agrees to hold the SELLER harmless from any damage resulting from the failure to adhere to such specifications.

The SELLER disclaims any warranty and expressly disclaims any liability for personal injury or damages. The BUYER acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the BUYER agrees to indemnify the SELLER and to hold the SELLER harmless from any claim related to the item of the equipment purchased. Under no circumstances will the SELLER be liable for any damages or expenses by reason of the use or sale of any such equipment.

The BUYER is responsible to obey all applicable federal, state, and local laws, statutes, and ordinances when operating his/her vehicle, and the BUYER agrees to hold SELLER harmless from any violation thereof.

The SELLER assumes no liability regarding the improper installation or misapplication of its products. It is the installer’s responsibility to check for proper installation and if in doubt, contact the manufacturer.

The BUYER is solely responsible for all warranty issues from the automotive manufacturer.

Limitation of Warranty

Gale Banks Engineering Inc. (hereafter “SELLER”), gives Limited Warranty as to description, quality, merchantability, fitness for any particular purpose, productiveness, or any other matter of SELLER’s product sold herewith. The SELLER shall be in no way responsible for the product’s open use and service and the BUYER hereby waives all rights except those expressly written herein. This Warranty shall not be extended or varied except by written instrument signed by SELLER and BUYER.

Please see enclosed warranty information card, or go to www.bankspower.com/warranty, for warranty information regarding
your product. All products that are in question of Warranty must be returned shipping prepaid to the SELLER and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by Gale Banks Engineering Inc.

Under no circumstance shall the SELLER be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product, or any other contingent expense.

Under no circumstances will the SELLER be liable for any damage or expenses incurred by reason of the use or sale of any such equipment.

**NOTICE:** Before proceeding with these instructions, please carefully read the DISCLAIMER OF LIABILITY and LIMITATION OF WARRANTY statement located on page 2 of this manual.

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**IN THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT:**

The BUYER may promptly return this product, in a new and unused condition, with a dated proof-of-purchase, to the place-of-purchase within thirty (30) days from date-of-purchase for a full refund, less shipping and/or restocking fee.

The installation of this product indicates that the BUYER has read and understands this agreement and accepts its terms and conditions.
Banks Monster® Single Side Exit Exhaust (P/N 48601, P/N 48601-B)
Banks Monster® Dual Rear Exit Exhaust (P/N 48602, P/N 48602-B)
- Increases exhaust flow, cuts backpressure, lowers exhaust gas temperatures (EGTs) & increases power.

Banks Straight-Shot® Water-Methanol Injection (P/N 45000)
- Maximizes Engine Performance
- Cools Intake Temperatures
- Digital Controller (included)
- Plug-and-Play wiring
- Greater flow than the competition
- Higher Pump Volume than the competition
- Multiple configurations available

Banks Double-Shot® Water-Methanol Injection (P/N 45002)
- The Double-Shot system offers the same benefits of the Straight-Shot and adds a second stage for increased output and control.
- EGT sensor is included to serve as a trigger or auxiliary sensor.
- Multiple Tanks Sizes Available.

Banks iQ® System (P/N 61201)
- Displays EGT & DPF status, Engine Oil temp and other vital engine parameters
- 5” touchscreen interface
- Interchangeable gauge display, read and clear codes, monitor engine diagnostics, log data, time your vehicles runs and much more.
- Built-in rechargable lithium-ion battery automatically charging while connected to the vehicle
- Built-in GPS antenna
- Hands-free calling
- Backup camera ready
- Navigation ready

Banks Bullet® Tuner (P/N 66526)
- Tunable (stock/tow/sport levels), plug-and-play power adder
- Displays boost and added fuel percentage.
- Adds up to 33HP/57 lb-ft tuner only, and up to 42HP/75 lb-ft with airflow improvements

COMING SOON:
Banks Techni-Cooler® Intercooler System
- It’s all bigger: boost tubes, aluminum end tanks, inlet/outlet and core area. Much greater flow volume. Increases air density for higher continuous power.

For More Information please call (888) 635-4565 or Visit us online @ www.bankspower.com
General Installation Practices

1. Before starting work, familiarize yourself with the installation procedure by reading all of the instructions.

2. The exploded view (Figure 1) provides only general guidance. Refer to each step and section diagram in this manual for proper instruction.

3. Throughout this manual, the left side of the vehicle refers to the driver’s side, and the right side to the passenger’s side.

4. Disconnect the negative (ground) cable from the battery (or batteries, if there are two) before beginning work.

5. Route and tie wires and hoses a minimum of 6” away from exhaust heat, moving parts and sharp edges. Clearance of 8” or more is recommended where possible.

6. When raising the vehicle, support it on properly weight-rated safety stands, ramps or a commercial hoist. Follow the manufacturer’s safety precautions. Take care to balance the vehicle to prevent it from slipping or falling.

   When using ramps, be sure the front wheels are centered squarely on the topsides. When raising the front of the vehicle, put the transmission in park, set the parking brake, and block the rear wheels. When raising the back of the vehicle, be sure the vehicle is on level ground and the front wheels are blocked securely.

   **CAUTION:** Do not use floor jacks to support the vehicle while working under it. Do not raise the vehicle onto concrete blocks, masonry or any other item not intended specifically for this use.

7. During installation, keep the work area clean. Do not allow anything to be dropped into intake, exhaust, or lubrication system components while performing the installation, as foreign objects will cause immediate engine damage upon start-up.

**Tools Required:**

- Standard and Metric sockets, extensions and ratchet.
- Standard and Phillips screwdrivers

**Highly recommended tools and supplies:**

- Penetrating oil or light lubricant spray
1. Disconnect the battery ground cables from each battery (if so equipped). Secure the cables so that they do not come in contact with the battery posts during the installation.

2. Remove oil filler cap, and then remove the engine cover by lifting up at the front to release the rubber socket mounts, and pulling forward to release from the rear mounts. Reinstall oil filler cap. See Figure 1.

3. Disconnect the Mass Air Flow (MAF) sensor connector by first lifting up on the red lock slider until it releases, then depress the connector latch and lift the connector away from the sensor.

4. Remove the airbox and intake duct by first loosening the compressor inlet duct hose clamp at the compressor (see Figure 2) - 5/16 socket, extensions, ratchet. Unhook each of the latches securing the airbox lid to the airbox, lift up on the outer edge of the airbox cover to release the finger catches, then lift up on the intermediate plastic tube/silencer to disengage it from the rubber mount and remove the assembly from the vehicle. See Figure 3.

5. Remove stock air filter by gently lifting upward and away from stock housing. Install new Banks Ram-Air Filter into stock housing. Gently push around outer seam making sure it is seated into the housing.

6. Remove stock intake duct silencer tube from stock air-box lid by loosening the hose clamp at the MAF sensor bellows (See figure 3) - 5/16 socket, extensions, ratchet, gently
pulling it from the bellows. Reinstall
the stock air-box lid making sure
to insert the lid back into the finger
catches on the bottom housing and
snap all hook latches securing the lid
to the bottom housing.

7. Install the new Banks Intake Tube
into the compressor inlet duct hose
(oval end). Gently install the remaining
end (round end) into the MAF sensor
bellows. Check to make sure both
ends of the intake tube align properly
then re-tighten their respective
clamps.

8. Re-connect the Mass Air Flow
(MAF) harness into the Mass Air Flow
(MAF) sensor. Re-install engine cover
making sure it is properly seated in
the front rubber mounts. Reconnect
battery ground cables for each battery
(if so equipped).

**NOTICE:** As a precautionary check
go over the entire installation to
ensure that all clamps are tight, wiring
and hoses are properly routed, and
connections are correct and tight.

---[ End Section 1 ]---

Figure 2

![Intake Duct to Turbocharger](image1)

Hose Clamp

---[ End Section 1 ]---

Figure 3

![Intake System Detached](image2)

Black Acoustic Foam

---[ End Section 1 ]---

Section 2

PLACEMENT OF THE BANKS
POWER DECALS

---[ End Section 2 ]---
Section 3
AIR FILTER CLEANING INSTRUCTIONS

OILED AIR FILTER ONLY

NOTICE: The Banks Ram-Air Oiled Air Filter comes pre-oiled and no oiling is necessary for initial installation. Use Banks Ram-Air Filter Cleaning System (part#90094), available from Gale Banks Engineering to service the Air Filter. Follow the instructions included with the cleaning system to clean and re-oil your Bank Ram-Air Oiled Air Filter.

1. PRE-CLEANING
Tap the element to dislodge any large embedded dirt, then gently brush with a soft bristle brush. NOTE: If complete cleaning is not practical at this time, reoil the element and reinstall in your vehicle.

2. SPRAY-ON CLEANING
Spray air-filter cleaner liberally onto the entire element and let soak for 10 minutes.

3. PAN CLEANING
Large air-filter elements can be rolled or soaked in a shallow pan of air-filter cleaner. Remove immediately and let soak for approximately 10 minutes.

NOTICE: NEVER use gasoline, steam, caustic solutions, strong detergents, high-pressure nozzles, or cleaning solvents to clean the filter element. All of these can cause harm to the filter media as well as SHRINK and HARDEN the rubber end caps.

4. RINSING
Rinse off the element with low-pressure water. Tap water is okay. Always flush from the clean side to dirty side. This removes the dirt and does not drive it into the filter.

5. DRYING
Always dry naturally. After rinsing, shake off all excess water and let the element dry naturally.

6. AEROSOL OILING
After cleaning air filter always reoil before using. Spray air filter oil down into each pleat with one pass per pleat. Wait 10 minutes and re-oil any white spots still showing.

7. OILING HINTS
Never use a Banks Ram-Air filter without oil (the filter will not stop the dirt without the oil). Use only air filter oil. Air-filter oil is a compound of mineral and animal oil blended with special polymers to form a very efficient tack barrier. Red dye is added to show just where you have applied the oil. Eventually the red color will fade but the oil will remain and filter the air. NEVER USE Automatic Transmission Fluid. NEVER USE Motor Oil. NEVER USE Diesel Fuel. NEVER USE WD40, LPS, or other light-weight oils.

8. REINSTALL
Reinstall your Banks Ram-Air filter element with proper care. Make sure the element seats properly in the filter case. Install the cover making sure it’s in the right position. Tighten all the nuts, bolts, screws or clips to factory specifications.

9. DO NOT DISCARD
Affix the “Do Not Discard” sticker to the filter case (included with every Banks replacement element). Make sure you put the sticker in a highly visible place to alert your mechanic not to discard.

10. PERFORMANCE HINTS
Service every 50-100,000 miles on
street-driven applications. Service more often in offroad or heavy-dust conditions. If an air-filter restriction gauge is installed, then change the element when the air-filter restriction reaches 18”–H2O.

**CAUTION**: Extremely fine dust from agriculture or offroad use will pull the oil from the element. Frequent reoiling of the element’s clean side might be required. Completely service when practicable. For extra protection use an air-filter sealing grease on rubber ends of the element. Service only with air-filter cleaner and air-filter oil.

**DRY FILTER CLEANING**

Clean every 50-100,000 miles on street-driven applications. Clean more often in offroad or heavy-dust conditions. If an air-filter restriction gauge is installed, then change the element when the air-filter restriction reaches 18”–H2O.

1. **PRE-CLEANING**
   Carefully tap the air filter element to dislodge any large embedded dirt or debris.

2. **CLEANING**
   Spray an appropriate DRY AIR-FILTER CLEANER SOLUTION liberally onto both sides of the entire filter element with the majority applied to the dirty side. Soak for 10 minutes. Do not allow the DRY AIR-FILTER CLEANER SOLUTION to dry on the air filter.

**NOTICE**: NEVER use gasoline, steam, caustic solutions, strong detergents, high-pressure nozzles, or cleaning solvents to clean the filter element. All of these can cause harm to the filter media as well as SHRINK and HARDEN the rubber end caps.

3. **RINSING**
   Rinse the filter element with cool or warm (not hot) water from the clean side out in order to flush the dirt out of the filter. It may be necessary to use your fingers on the hose to apply light water pressure. Repeat steps 2 and 3, until the water flowing through the media is completely clear of any dirt and debris.

5. **DRYING**
   After rinsing, gently shake off excessive water and allow to dry naturally. Re-install the filter onto the intake system, airbox or custom assembly once it is dry or just slightly damp. Follow all original installation instructions.

6. **REINSTALL**
   Reinstall your Banks Ram-Air filter element with proper care. Make sure the element seats properly in the filter case. Install the cover making sure it’s in the right position. Tighten all the nuts, bolts, screws or clips to factory specifications.

7. **DO NOT DISCARD**
   Affix the “Do Not Discard” sticker to the filter case (included with every Banks replacement element). Make sure you put the sticker in a highly visible place to alert your mechanic not to discard.

8. **PERFORMANCE HINTS**
   Service every 50-100,000 miles on street-driven applications. Service more often in offroad or heavy-dust conditions. If an air-filter restriction gauge is installed, then change the element when the air-filter restriction reaches 18”–H2O.

-END, SECTION 3-