



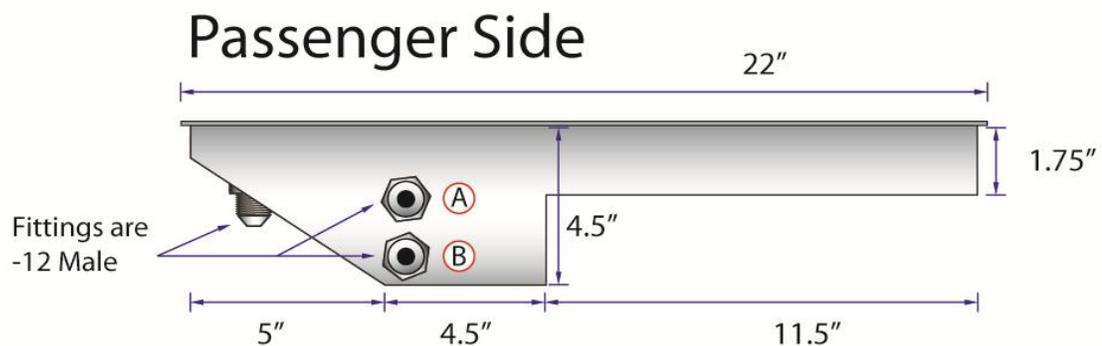
PERFORMANCE USA LLC  
435-628-4300

# LS7/ LS9 Dry Sump Fabricated Oil Pan

Part Number ATS 70004

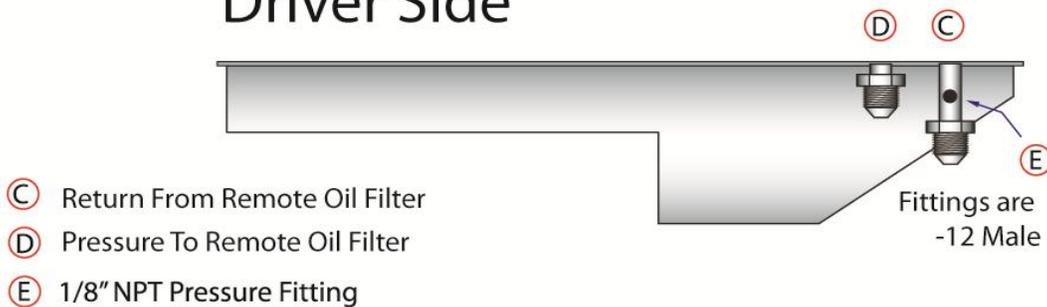
Thank you for purchasing our ATS Dry Sump LS Oil Pan. Although we clean out the inside of our pans before packaging, we recommend that you clean out the inside of the pan again using solvent and/ or compressed air before installing to remove any particulates left behind from shipping. Be sure to take proper safety precautions when cleaning.

To install, first install stainless studs into block with blue thread lock. Apply 1/4" bead of silicone at each of the 4 joints where the block meets the front and rear covers. Install a new pan gasket and the pan, aligning pan so it is flush with the rear of the block. If it protrudes past the rear of the block it will cause clearance issues with the transmission. Apply anti seize to studs and torque down stainless nuts in a crisscross pattern, working from the center outward. Torque 8 mm studs to 18 FOOT lbs. and the two rear 6 mm studs to 104 INCH lbs. Attach hose fittings as shown below .



- (A) Suction into engine from tank bottom
- (B) Pressure from engine to either B on tank or B on optional cooler.

## Driver Side

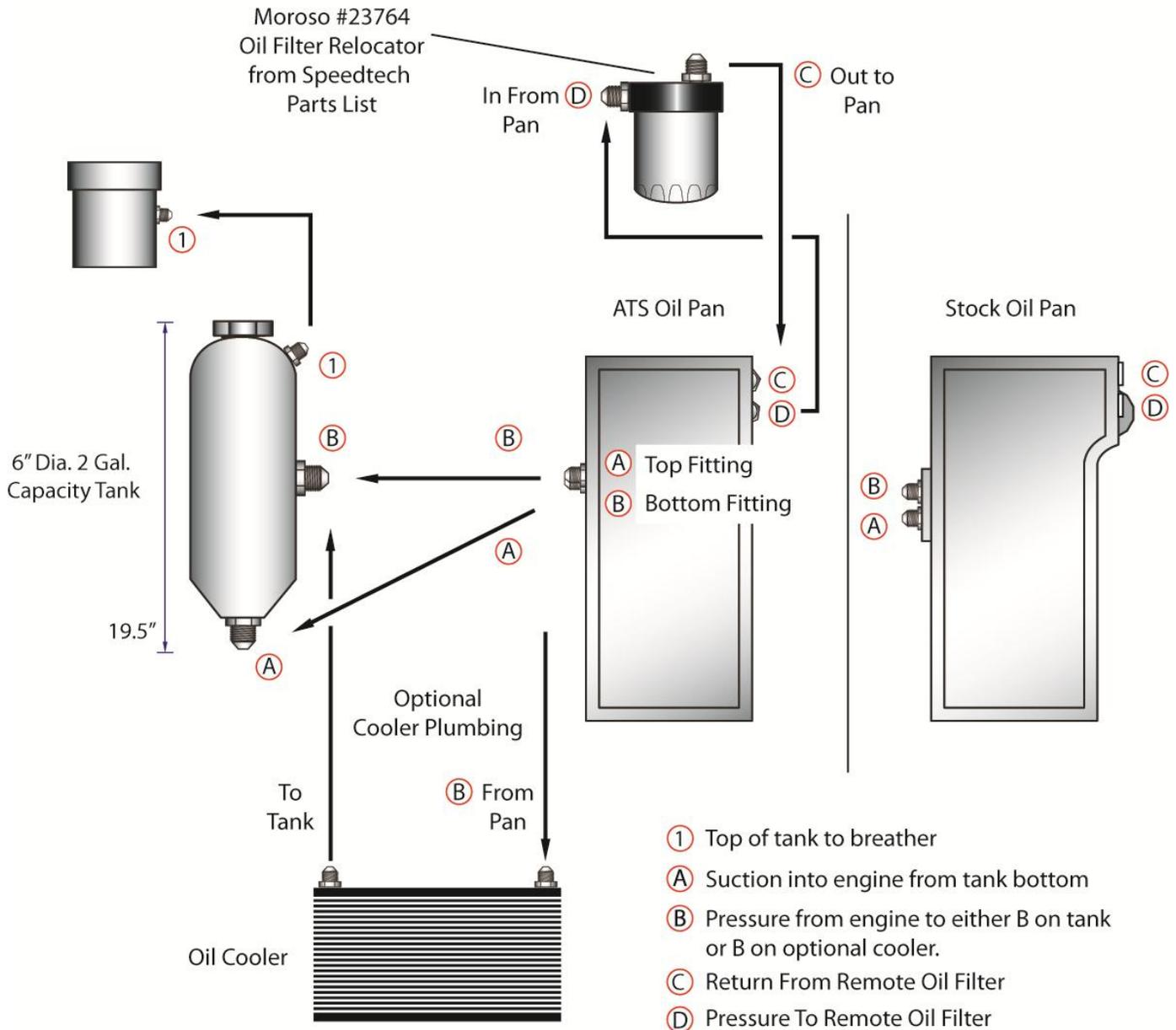


- (C) Return From Remote Oil Filter
- (D) Pressure To Remote Oil Filter
- (E) 1/8" NPT Pressure Fitting



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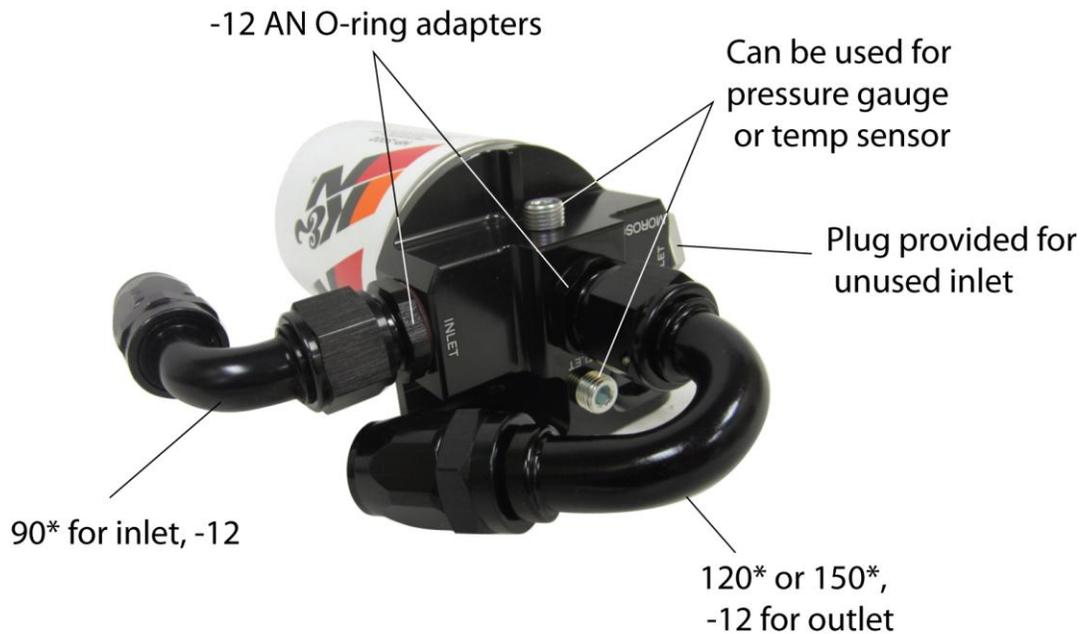
### LS7 Dry Sump Fabricated Oil Pan



This pan requires a remote mounted oil filter and lines. This option easily allows the addition of an oil cooler if desired. Below is a recommended list of parts that will complete your installation.

- 1 AN -12 120\* or 150\* Hose End
- 3 AN -12 90\* Hose Ends, 2 for the pan and one for the filter mount
- 2 AN -12 to -12 O-ring Adapters
- +/- 10 feet of AN -12 Hose, depending on mounting location
- 1 Moroso Remote Filter Mount #23764, or Equivalent
- 1 K&N HP3002 Filter or Equivalent
- Optional Oil Cooler Kit, including additional fittings as needed

Left side shorter tube is for pressure to the filter, right side longer tube is for return from filter. Small fitting in right side return tube is for a pressure gauge.

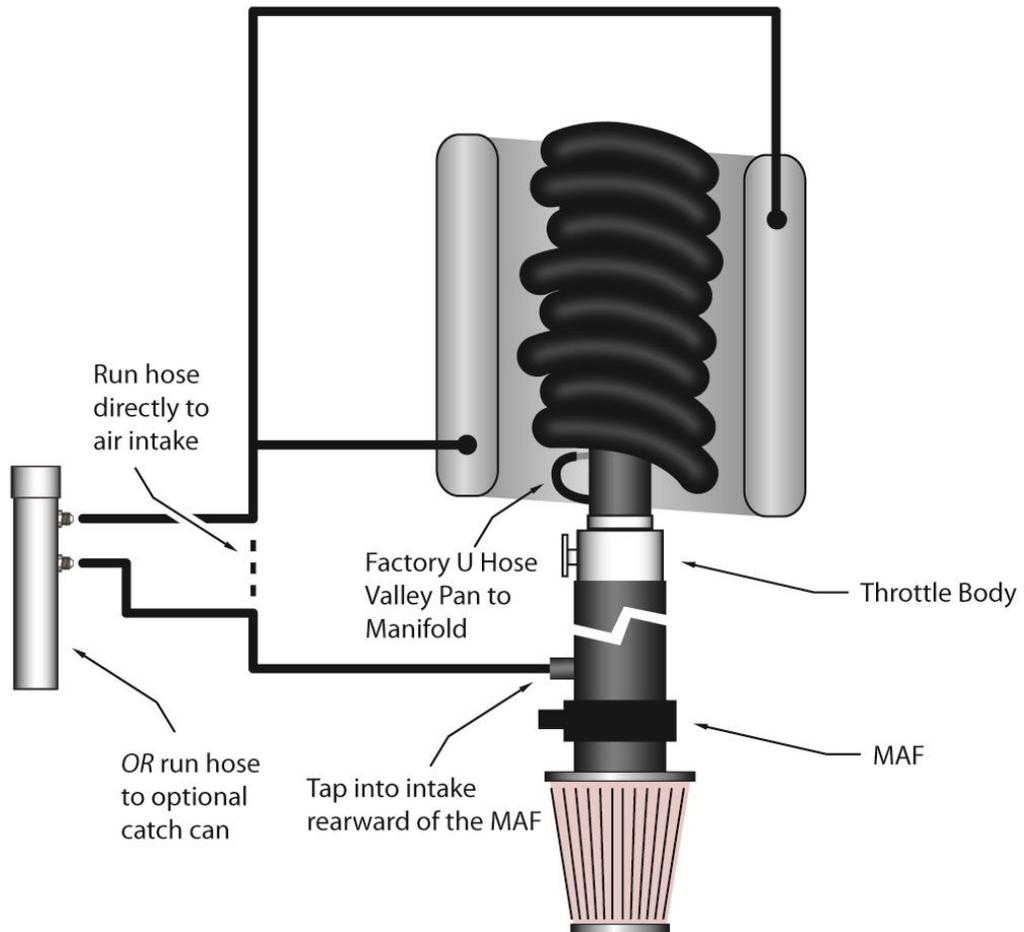




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## LS Closed Loop PCV System

Below is the recommended routing for a closed loop PCV system when used with our LSx wet sump and LS7/LS9 Dry Sump oil pans.



3-22-16

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#### Terms and Conditions of Sale

1. Effective January, 2008, supersedes all previous policy statements. Policies are subject to change without notice. Speed tech performance Ltd. is not responsible for printing errors.
2. Speed Tech Performance Ltd. does not endorse, nor recommend modification of vehicles for use on public highways, since warranty or government regulations may be violated. As an express condition of sale of any performance part, the buyer acknowledges and agrees to use the performance parts for the modification of vehicles in sanctioned OFF-ROAD competitive events and show purposes only. Customers should exercise their discretion on matters with regards to the purchase and installation of these products.
3. Speed Tech Performance Ltd. does not ensure the legal use of these products. We do not guarantee the fitment of these products for anything other than their intended application nor do we assume any responsibilities whatsoever for the misuse or losses incurred by the use of any of these components. While every effort is made to provide technical information and assistance, we have no control over owner installation, modification, and unusual stress that performance parts are subject to.
4. The customer acknowledges that Speed Tech Performance Ltd. and its employees are not responsible for any mechanical failures due to the use of parts sold, supplied or installed not for their intended application. Speed Tech Performance Ltd will not be held liable for any damages which are incurred directly or indirectly on the vehicles or operators or passengers of the vehicle
5. Please consult your sales agent and/or technician prior to purchase of any of Speed Tech Performance Ltd. Products to ensure proper fit. The buyer assumes all responsibilities for determining the suitability of the product. All aftermarket products should always be installed by professionals only.

#### Warranty Claim:

1. Speed tech Performance Ltd. Warrants its products against materials and workmanship failure for the term of 12 months (1 year) from the date of purchase and only up to the amount paid with proof of purchase.
2. Seller's liability shall as limited to repairing or replacing, at its option, any defective product which is returned, freight prepaid to Seller, according to the Merchandise Return Procedure set forth in Section 3 below. Buyer shall bear all responsibility for shipping charges and risk of loss or damage during transit to Seller. Products which have been subjected to abuse, misuse, alteration, neglect or unauthorized repair or installation, as determined solely by Seller, are not covered by this warranty. Any alterations, addition, improvements or attachments to the product(s) not authorized in writing by the Seller shall be deemed to be a waiver of this warranty by Buyer and shall render this warranty null and void. Seller shall return repaired or replaced product(s) to Buyer, at its expense via regular ground service in Canada. Shipping charges by all other methods and to all other destinations shall be borne by Buyer.
3. Merchandise return procedure
  - A. If you purchased your Speed tech performance ltd product from us or from an authorized dealer, you are covered by the terms of this policy. All claims however, must be submitted directly to Speed tech performance Ltd.
  - B. Call the customer service representative at 1-888-467-1625.
  - C. Provide the invoice number, date of purchase and reason for return
  - D. You will be assigned a Returned Goods Authorization Number (RGA). The package you return must show the RGA on the outside of the package, include the original invoice and be shipped prepaid to our facility. The part has to be in its original packaging materials and be in a resalable condition. For parts presenting signs of use, only warranty claims will be accepted.
  - E. Ship to seller, freight pre-paid and insured for replacement cost in original packaging.
  - F. Replacement or repair decision will be made when merchandise is received by seller. No advance replacement is available.

#### How to File a Warranty Claim:

The answer to ALL the following questions should be YES before contacting our Customer Service Department.

Is the part appropriate to your application?

Did you carefully and thoroughly read the instructions provided along with the part?

Do you have the proof of purchase?

Are you the original purchaser?

Is the part unmodified and clean?

Is the return date within 3 months from the purchase date?

Is the reason for return a legitimate product defect?

If the answer to all these questions is YES, please contact our Customer Service Department at 1-888-467-1625. You will be given a Returned Goods Authorization Number (RGA) valid for 30 days. You will also be asked to ship the part prepaid to our facility. All shipments MUST be prepaid, include the original invoice and show the RGA on the outside of the package, otherwise it will be refused. Please include a brief explanation letter in order to expedite the warranty analysis process.

#### What doesn't this Warranty Cover?

The costs not covered by this warranty include but are not limited to:

- Removal, installation, shipment and insurance costs.
- Improper installation or maintenance
- Misuse or abuse, negligence
- Damage to related components
- Normal wear and tear.
- Costs incurred due to down time of vehicle
- Alterations on the original design or unauthorized repairs.

All warranties implied by law are limited in duration of this warranty. You have specific rights that may vary from state to state or Province to Province. By purchasing any of the products that are manufactured by speed tech performance you agree to any and all of the above terms and conditions.

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# Notes

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