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\$30 - 30 minute IC water spray *No wiring or pump needed*

Flash



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02-25-2009, 01:16 AM

#1

POLARBEAR666

FIA GT Champion



Drives: Golf GT TSI
Join Date: Jul 2008
Location: Australia
Posts: 939

\$30 - 30 minute IC water spray *No wiring or pump needed*

I hooked up the right side outlet of the window washer pump (when facing the front of the car) that goes to the rear window sprayer, to a spray nozzle in front of intercooler.

Just pull off the hose going to the rear and put on your hose going to your spray nozzle. Nozzle is from Autospeed.com and is part of their water spray kits.

To activate just push your right indicator stalk forwards as if you were activating rear spray.

The short path to the spray nozzle from the pump ensures almost instant on!







POLARBEAR666

***Disclaimer:** nothing I say should be relied upon // [Click the links for pictures](#)

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Last edited by POLARBEAR666; 02-25-2009 at 01:27 AM.



02-25-2009, 01:28 AM

#2

LeesburgMKV

gold n' black



Drives: 2008 BMP GTI
Join Date: Feb 2008
Location: VA
Posts: 5,729

[View LeesburgMKV's Garage](#)

What exactly does this do for you?

Revo Stage I/**Smoked** Side Markers/**TT** Cat-back/**FK** Silverline X Plus/**FK** Badgeless Grill/R-Line Fogs/VMR Vent Boost Gauge/18" Staggered Miro 279 With Gold Centers/Stretched Continentals/Filled Hood Notch



masdubation



02-25-2009, 01:29 AM

#3

VDubVirus

Euro-Elitist Moderator



Drives: nimbly bimbly
Join Date: Feb 2007
Location: Lacey, WA
Posts: 27,402

[View VDubVirus's Garage](#)



and why are you spraying water on the AC condenser?

SOME PEOPLE ARE NARROW MINDED, OTHERS LIVE IN REALITY ~ EURO-ELITISM



[Double Conundrum Brewing](#)

02-25-2009, 07:37 AM

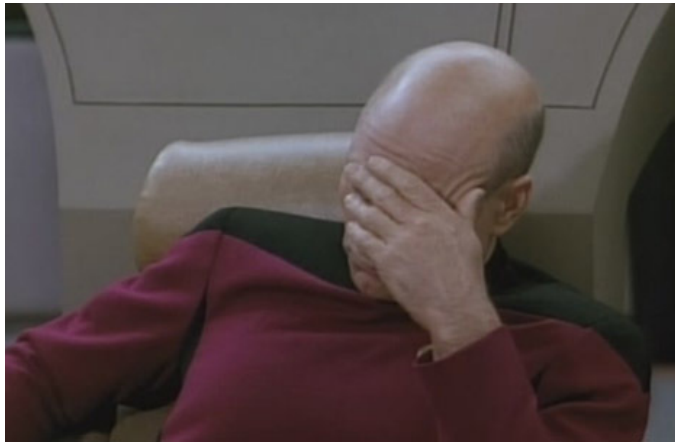
#2

POLARBEAR666

FIA GT Champion



Drives: Golf GT TSI
Join Date: Jul 2008
Location: Australia
Posts: 939



The intercooler and AC/Condenser are sandwiched together.

ALL air that gets to the factory IC goes through the AC condenser first.

Spraying the waterspray into the oncoming air causes the droplets to start evaporating.

"Evaporating a kilogram (ie a litre) of water requires 2257 kilo-joules of energy – and that's a lot! If the nozzle flows 400 ml/minute, and if all the water evaporates, each minute 903 kilo-joules of energy are extracted. One joule per second is the equivalent of 1 watt, so fully evaporating 400 ml/min of water provides a cooling power of 15 kilowatts! Even a 130 ml/min spray provides a potential cooling power of just under 5kW. "

So as the water goes into the A/C fins it evaporates, cools the air and that cooler air + the bulk of the water that gets blown through the AC without evaporating hits the much hotter IC and evaporates. Thats why rally cars like STI's and EVO's often have factory intercooler water spray systems.



***Disclaimer:** nothing I say should be relied upon // **Click the links for pictures**

Dynolicious 6.89 to 100kph 0.8g max 143kw// KW V1 Coilovers// Custom Intake// Deleted Muffler// Deka ETX18L battery 8.2kg 720CCA// Weight Reduction ~50kg

Last edited by POLARBEAR666; 02-25-2009 at 07:50 AM.



02-25-2009, 10:40 AM

#8

VDubVirus

Euro-Elitist Moderator



Drives: nimbly bimbly
Join Date: Feb 2007
Location: Lacey, WA
Posts: 27,402

View VDubVirus's Garage



right, I understand why you would spray the IC....but hitting the A/C condensor first pretty much kills any possible gain from this mod. but seriously, it does.

SOME PEOPLE ARE NARROW MINDED, OTHERS LIVE IN REALITY ~ EURO-ELITISM



02-25-2009, 11:13 AM
#9

BOz
Keep right except to pass


Drives: 08' UG MKV GTI
Join Date: Nov 2007
Location: Miami Beach
Posts: 2,924
[View BOz's Garage](#)



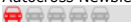


I was thinking isn't that the a/c condenser while watching the video..
seems pretty pointless..

08' GTI UG 2.0T 6MT

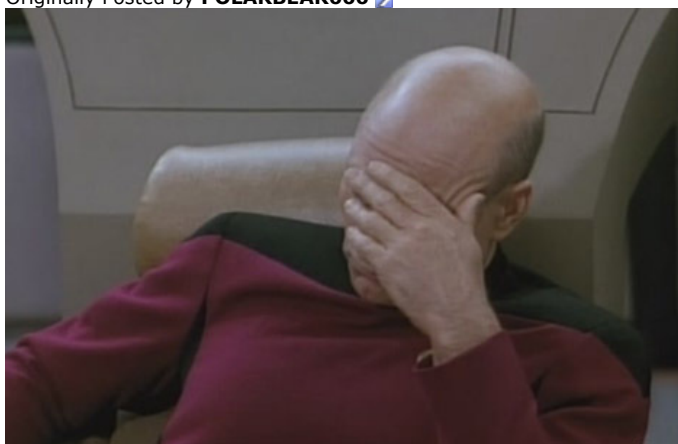
QUOTE

02-28-2009, 08:05 AM
#10

Wylde
Autocross Newbie

Drives: VW Golf MKV
Join Date: Apr 2008
Location: Québec, Canada
Posts: 82

Quote:

Originally Posted by **POLARBEAR666** 



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Very nice idea man ! Screw up anybody who doesn't understand how things work...

QUOTE



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