

TDI Edge/HOG Equipment Service Course

Pre-requisites

In order to become a TDI certified Edge/HOG Equipment Service technician, you must:

- be at least 18 years old, hold a nitrox diver certification, and hold a technical diver certification, or;
- be at least 18 years old and be employed by a dive shop as a service technician.

Before Class

It is critical that you read "Scuba Regulator Savvy" and complete the IQ Reviews prior to class. This information is critical to understanding and servicing regulators and forms the foundation upon which we will build during the class. Students who do not complete the IQ Reviews prior to the start of class will be sent home and charged an additional fee to reschedule.

Review the Required Tools list you and purchase any that you don't already own. Take a few minutes to familiarize yourself with any new acquisitions before the class.

Purchase at least one HOG regulator set and register as the owner with Edge/HOG.

The Day of Class

Please arrive on time. Please call if you are running late so the entire class can prepare a suitable welcome for you while we're delayed.

Bring the following items:

- A complete HOG regulator set, including 1st stage, at least one 2nd stage, an SPG and appropriate hoses.
- Copies of your nitrox and technical diver certification cards.
- All of the tools on the Required Tools list.

Lunch will be served.

Graduation Requirements

You will have successfully completed the course when you are able to clearly demonstrate to the satisfaction of the instructor that you have the ability to troubleshoot and service HOG regulators.

Additionally, to successfully complete the course you must:

- Pass the final exam.
- Complete a dive with the HOG equipment that you have serviced and submit a copy of your log for that dive to the instructor.
- Register for the ScubaBoard HOG Repair Station forum at <http://www.scubaboard.com/forums/hog-repair-station>

Required Tools

Many of the following items are available from ScubaTools.com. Where you purchase them is up to you but I've found ScubaTools to be good and convenient, if pricey. Prices and availability are subject to change without notice, if you're having a hard time acquiring anything on this list, let me know.

ScubaTools.com

<i>Scuba Regulator Savvy</i> by Peter Wolfinger SKU 30-100-100	\$29.00
First Stage Handle SKU 20-115-100	\$26.00
Dual Drive Inline Adjusting Tool SKU 20-500-200	\$62.00
Christo-Lube SKU 15-710-111	\$29.00
O-ring Pick Set, Soft Brass SKU 10-102-100	\$11.00
O-ring Pick Set, 5 Pieces SKU 10-125-400	\$7.50
3/8" Drive Dial Torque Wrench SKU 79-600-700	\$160.00

Local hardware store or Amazon.com

Hook Spanner – needs to be 1.5" (or adjustable) with a small (1/8") pin.

6" Adjustable wrenches – you'll need two.

Lighted Magnifier – a headlamp with magnifiers works great but a lighted reading magnifier or lighted loupe is good, too.

Metric Torque Wrench Crow's Feet

Metric Long Hex Bit Sockets (for torque wrench)

Metric Hex Key set

Imperial Hex Key set

1/4" Combination Open/Closed Face Wrench

Phillips Screwdriver