

Dana Marine Trim Tab User Manual

Applications: TT-HP750-NAV, TT-HP755-NAV, TT-HP750-NAV-24, TT-HP755-NAV-24

PARTS INCLUDED IN THIS KIT:

- (2) TRIM TABS (2) HYDRAULIC PUMPS (12V or 24V)
- (4) INSIDE SS HYDRAULIC LINES (LENGTH SPECIFIED WHEN ORDERING)
- (1) COMPLETE BOLT KIT FOR BOTH TRIM TABS

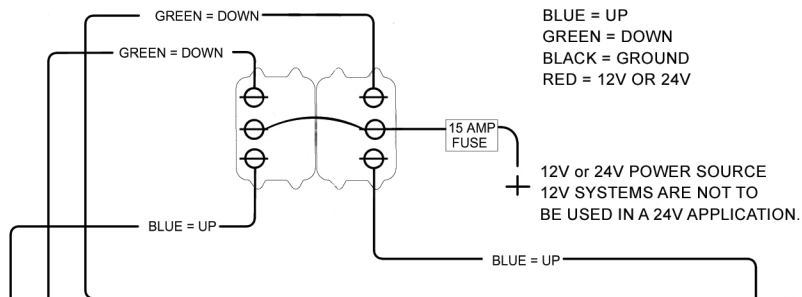
NOTE:

- USE SILICONE SEALER ON ALL THROUGH TRANSOM FITTINGS AND BOLTS.
- USE A GROUND STRAP TO BOND TRIM TABS WHEN MOUNTING TO THE BOAT.
- AFTER ALL HYDRAULIC LINES ARE INSTALLED AND TIGHTENED, FILL PUMP TO THE MAX WITH 30 WEIGHT MOTOR OIL FOR HYDRAULIC FLUID.
- CYCLE BOTH TABS UP AND DOWN SEVERAL TIMES CHECKING FOR LEAKS (PUMP IS SELF BLEEDING), REFILL RESERVOIR TANK TO THE MAX FILL LINE.
- DO NOT OVERFILL RESERVOIR TANK.**
- BE SURE THE LOWER CYLINDER PIN IS IN THE PROPER PIVOT HOLE FOR THE APPLICATION. (SEE DRAWING BELOW)

POWER REQUIREMENTS:

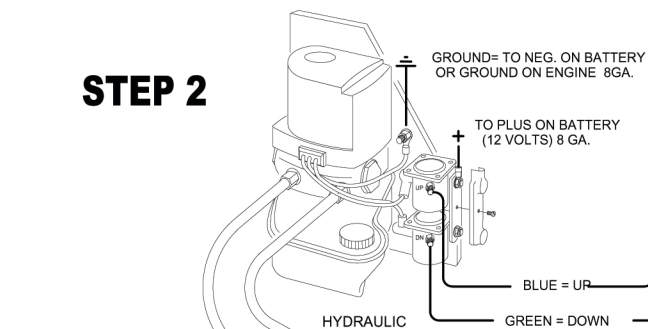
- 12V SYSTEMS 26 AMP - 24V SYSTEM 13 AMP
- USE APPROPRIATE CIRCUIT BREAKER ON MAIN TRIM PUMP POWER SUPPLY.

TOGGLE SWITCH

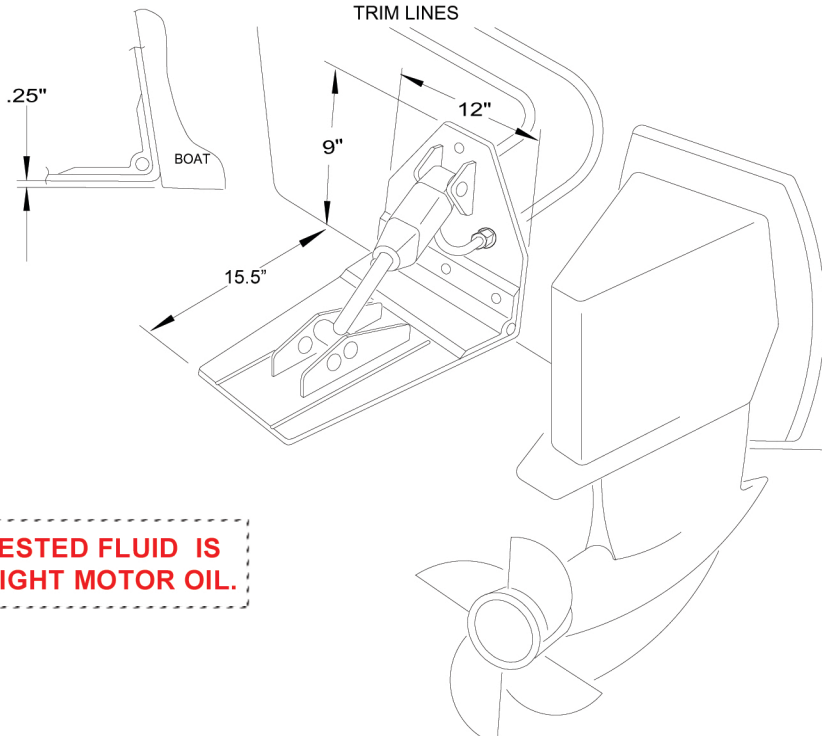


STEP 1

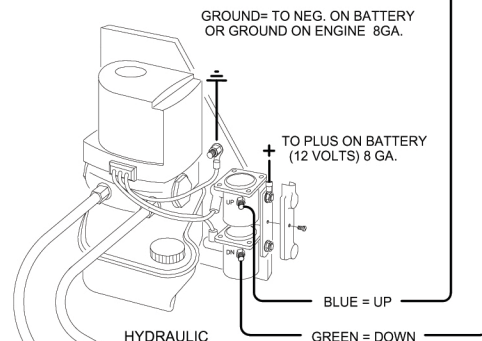
STEP 2



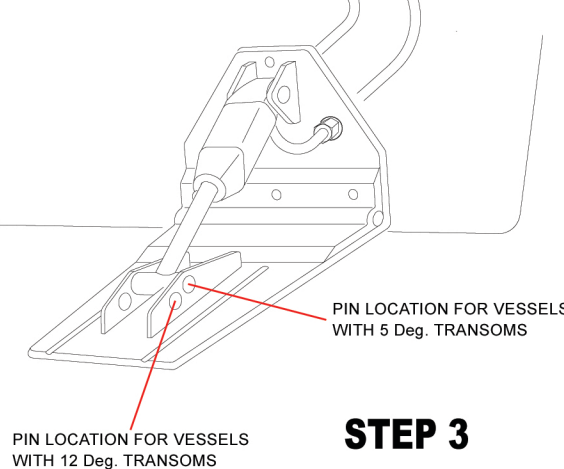
MOUNT TRIM TABS 1/4" INCH UP FROM BOTTOM OF BOAT



SUGGESTED FLUID IS 30 WEIGHT MOTOR OIL.



TRIM LINES



PIN LOCATION FOR VESSELS WITH 12 Deg. TRANSOMS

PIN LOCATION FOR VESSELS WITH 5 Deg. TRANSOMS

STEP 3

Detailed Component Breakdown

Dana Marine Navy Trim Tabs Series HP750-HP755

This product listing covers Dana Marine Products

Trim tab kit numbers:

TT-HP750-NAV	Complete Trim Tab Kit 12 volt (must specify inside line length)
TT-HP750-NAV-24	Complete Trim Tab Kit 24 volt (must specify inside line length)
TT-HP755-NAV	Superceded to TT-HP750-NAV
TT-HP755-24-NAV	Superceded to TT-HP750-NAV-24

NOTE: All TT-HP755-NAV trim tab kits have been superceded to the TT-HP750-NAV kits. All TT-HP750-NAV trim tab kits will now accommodate both 5 degree and 12 degree transom vessels.

HP750/755 Trim Tab Components

Cylinder

# 7	TT-003	Complete Replacement Cylinder - Screw-In End Cap (replaces part number TT-002)	
# 8	TT-015	Replacement Cylinder Body Only - 6061-T6 Billet Aluminum	
# 9	TT-018	Replacement Cylinder Shaft w/ Piston & End Cap (screw-in)	
# 10	TT-019	Replacement Cylinder Snap ring - 304 Stainless Steel (snap ring cylinders no longer used for new production)	
# 11	TT-020	Replacement "C" Clips for Cylinder Mounting Pins	
# 12	TT-011-S	Lower Cylinder Mounting Pin - Short	
# 13	TT-011-L	Upper Cylinder Mounting Pin - Long	
# 14	CC-001	Cable Mounting Clamp and Shim - 304 Stainless Steel	
# 15	CC-002	Cable Quick Release Ball Joint - 304 Stainless Steel	
	TT-021	Cylinder End Cap - 6061-T6 Billet Aluminum (snap ring style) (snap ring cylinders no longer used for new production)	
	TT-021SC	Cylinder End Cap - 6061-T6 Billet Aluminum (screw in style)	
	TT-022	Cylinder Piston - Delrin	
	TT-023	Piston O-rings (2) required - Buna #70	#121 o-ring
	TT-024-1	Cylinder Cap Outer O-Ring (1) Required Buna #70	#122 o-ring
	TT-024-2	Cylinder Cap Outer O-Ring (1) Required Buna #70	#125 o-ring
	TT-024-3	Cylinder Cap Inner O-Rings (2) Required Buna #70	#116 o-ring
	TT-025	Piston Wiper Seal - 959-5 Type AN	
	TT-026	Piston Seal - 12500750 Loaded Lip Seal	
#16	TT-027	Plastic Cylinder Pin Washers	
	TT-030	Cylinder Shaft to Piston Oring - Buna #70	#113 o-ring

Tab Components

# 1	TT-001	HP750/755 Transom Flange - 6061-T6 Billet Aluminum
# 2	TT-032	HP750/755 Bottom Plate - 6061-T6 Billet Aluminum
# 3	TT-005	HP750/755 Female Hinge - 6061-T6 Billet Aluminum
# 4	TT-003	HP750/755 Male Hinge - 6061-T6 Billet Aluminum
# 5	TT-007	HP750/755 Transom Flange Ears - 6061-T6 Billet Aluminum
# 6	TT-HP755LE	HP750/755 Bottom Plate Ears - 6061-T6 Billet Aluminum (accomodates both 5 and 12 degree transoms)

# 17	TT-028	HP Side Plastic Washers for Hinge Bolts
# 18	TT-029	HP Side Stainless Steel Washers for Hinge Bolts
# 19	TT-034	HP Side Stainless Steel Hinge Bolts 5/16-18X3/4" Socket Cap
# 20	TT-035	HP Hinge and Ear Stainless Steel Bolts 5/16-18X1" SC Flat Head

Fittings and Lin Braided Lines - 3000 PSI operating range

# 26	TT-4534-NAV	5 3/4" Outside Cylinder Line Male 1/8"Pipe X Female -4 AN
# 27	TT-4600-NAV	6" Outside Cylinder Line Female -4 AN X Female -4 AN
	TT-4300	30" Inside Line Female -4 AN to Female -4 AN
	TT-4648	48" Inside Line Female -4 AN to Female -4 AN
	TT-4660	60" Inside Line Female -4 AN to Female -4 AN
	TT-4690	90" Inside Line Female -4 AN to Female -4 AN
	TT-4210	21 foot Inside Line Female -4 AN to Female -4 AN
	TT-4260	26 foot Inside Line Female -4 AN to Female -4 AN
# 28	TT-FTG90	1/8" Pipe X -4 AN 90 Degree Stainless Cylinder Fitting
# 29	TT-BHF04	Transom Bulkhead Fitting -4 AN - 304 Stainless Steel
	GFT-F180490	Female 1/8" Pipe X -4 Male AN Brass Fitting
	PNPL-18400	1/8" Stainless steel Pipe Nipple 3" Long

Trim Pumps

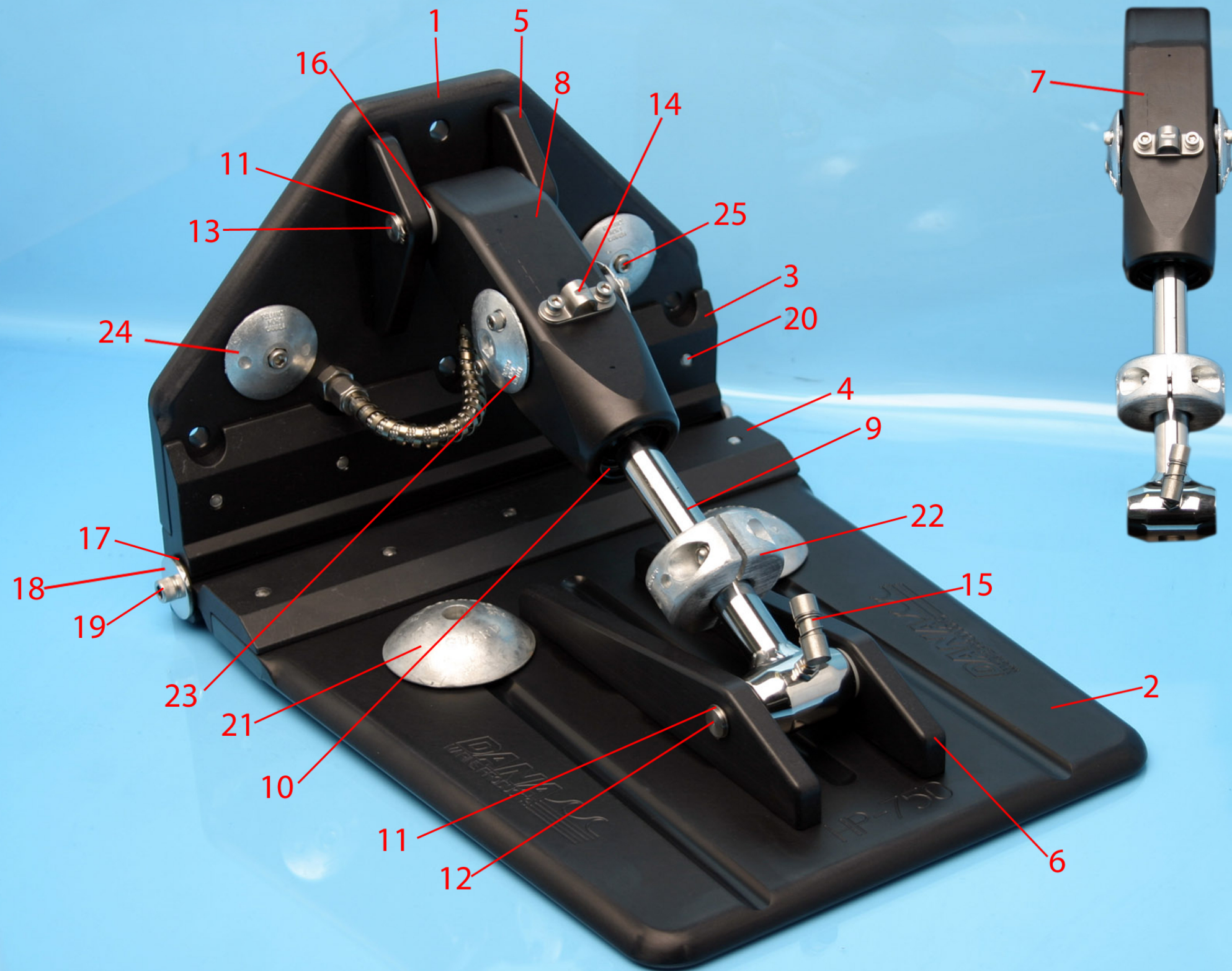
	TTP-005	12V Trim Pump Complete
	TTP-006	24V Trim Pump Complete
	TT-041	Replacement Pump and Reservoir - 12V
	TT-042	Replacement Pump and Reservoir - 24V
	PP-001	Trim Pump Mounting Plate
	TT-007	Solenoid - 12V
	TT-009	Solenoid - 24V
	TT-045	Aluminum Buss Bar
	TT-046	Plastic Terminal Cover

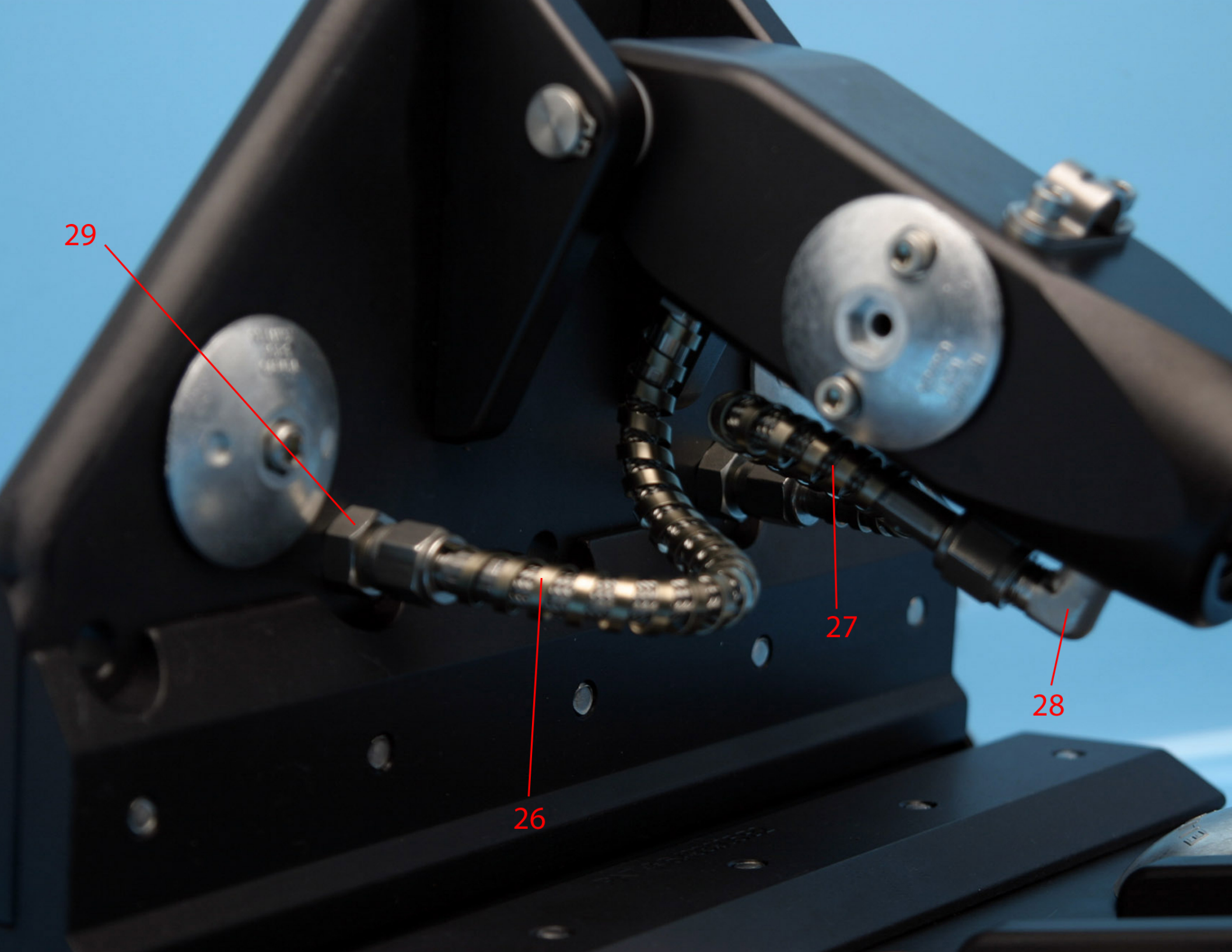
Zinc Anodes

# 21	TT-Z-275	Trim Tab Plate Anode - 2 3/4" Dia
# 22	TT-Z-34SH	Cylinder Shaft Clamp-On Anode
# 23	TT-Z-R1-CYL	Cylinder Body Anode - 1 7/8" Dia
# 24	TT-Z-R1	Transom Plate Anode 1 7/8" Dia
# 25	TT-048	Stainless Fastener - 1/4-20 X 3/4" SC

Dash Switch

	SPC-0005	12 Volt Switch Panel with Switches
	SPC-0005-24	24 Volt Switch Panel with Switches
	RS-CAR-007	12 Volt Replacement Rocker Switch - Black
	RS-NAV-24M	24 Volt Replacement Rocker Switch - Black





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