

# COMANCHE GEAR



10340 REGENT CIRCLE ∞ NAPLES, FL 34109  
PHONE & FAX 877/593-6944 ∞ CELL 239/404-7524 ∞ [WWW.COMANCHEGEAR.COM](http://WWW.COMANCHEGEAR.COM)

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## CONDUITS INSTALLATION

I AM AVAILABLE TO PERFORM THE LANDING GEAR PUSH-PULL CABLES [AKA CONDUITS] INSTALLATION ON YOUR COMANCHE AT YOUR SITE OR IN MY HANGAR IN NAPLES, FL. AT THE SAME TIME YOU MIGHT ALSO CONSIDER THE INSTALLATION OF THE LANDING GEAR WIRING HARNESES IF NOT PREVIOUSLY REPLACED, SEE BELOW.

PLEASE HAVE THE FOLLOWING COMPLETED. REMOVE THE FRONT SEATS, INBOARD SEAT BELTS, CARPET, AND INBOARD SEAT TRACKS [REMOVE ALL 4 SEAT TRACKS IF THEY ARE ON TOP OF THE CARPET]. THE REAR BENCH-TYPE SEAT SHOULD EITHER BE REMOVED OR MOVED INTO THE BAGGAGE AREA; REMOVE THE INSULATION BLANKET IF IT IS STILL THERE. YOU MAY HAVE TO REMOVE THE REAR SEAT ARM RESTS TO EXTRACT THE SEAT. IF YOU HAVE INDIVIDUAL REAR SEATS, THE PANS BELOW THE SEATS NEED TO BE REMOVED ALSO.

THE LABOR FOR THE CONDUITS IS \$1000 AND INCLUDES ALL THE HARDWARE AND OTHER STUFF [SEE PHOTO NEXT PAGE] REQUIRED THAT DON'T COME WITH THE CONDUITS AS PURCHASED OR OFFERED FOR THAT MATTER. COUNT ON 1-1/2 TO 2 DAYS FOR ME TO DO ONE CONDUIT INSTALLATION COMPLETE WITH THE REQUIRED GEAR POST-PROCEDURE ADJUSTMENTS AS OUTLINED IN THE PIPER COMANCHE SERVICE MANUAL.

## LANDING GEAR WIRING HARNESS INSTALLATION

THE TYPICAL COMANCHE LANDING GEAR ELECTRICAL HARNESS-RELATED MALFUNCTION IS A DELAYED GEAR-DOWN GREEN LIGHT OR NO GREEN LIGHT. ANOTHER, BUT LESS-COMMON MALFUNCTION [NON-HARNESS RELATED] IS THE GEAR-UP AMBER LIGHT OR AN OPEN 30AMP CIRCUIT BREAKER. ALSO CONSIDER THAT IT'S PROBABLY THE TIME TO REPLACE THE HARNESS AND SWITCHES DUE TO AGE; AN ORIGINAL CAN BE A VERY SCARY THING TO LOOK AT. IF YOU ARE SO INCLINED, CRAWL UNDER THERE AND EXAMINE THOSE HARNESES. DON'T IGNORE A POTENTIAL CONTRIBUTING FACTOR TO A GEAR-UP LANDING.

THE COST FOR A RECTANGULAR SWITCH KIT IS \$645; \$1099 TO \$1162 FOR THE ROUND SWITCH VERSIONS, PLUS INSTALLATION; INSTALLATION LABOR FOR THE RECTANGULAR SWITCH VERSIONS IS \$400; \$350 FOR THE ROUND SWITCH VERSIONS. THE ADVANTAGES FOR YOU ARE GUARANTEED CORRECT INSTALLATION, AND ASSURED PRICING WITH NO LEARNING-CURVE SURPRISES TO AFFECT YOU. INSTALLATION USUALLY REQUIRES 6 TO 7 HOURS. EXPECT AN FBO FIRST-TIMER TO DOUBLE THIS TIME SPENT, AND WOULD BE DIFFICULT FOR SOMEONE TO ESTIMATE WITHOUT EXPERIENCE. THE MANUAL INCLUDED, IF YOU PURCHASE THE KIT, IS VERY DESCRIPTIVE AND WILL MAKE INSTALLATION FOR ANYONE MUCH SIMPLER THAN GOING-IT-ALONE.

THE MINIMUM EQUIPMENT REQUIREMENTS AT YOUR INSTALLATION SITE: A HANGAR WITH HARD-SURFACED FLOOR, ELECTRICITY, EXTENSION CORDS; LIGHTS, A FAN, JACKS, AND ADEQUATE TAIL WEIGHT.

IF YOU ARE CONSIDERING TAKING ADVANTAGE OF THIS OPPORTUNITY PLEASE CALL ME TO MAKE THOSE ARRANGEMENTS.

LOTS OF HAPPY CUSTOMERS, AND REFERENCES AVAILABLE.

BEST REGARDS, MATT KURKE, A&P, ICS

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LET'S KEEP 'EM FLYING!

[CHECK THE WEBSITE FOR MORE COMANCHE INFORMATION](http://WWW.COMANCHEGEAR.COM)

I HAVEN'T BEEN THERE LATELY TO UPDATE IT; MAYBE SOME HACKER CAN DO THAT FOR ME!

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BAGGED HARDWARE PLUS OTHER COMPONENTS.



SPECIAL WRENCH USED TO TIGHTEN THE CASTLE NUTS.

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NOTE THE TEFLON® CHAFE STRIPS AT THE SPAR.



LANDING GEAR WIRING HARNESS KIT.