

SUBARU MANUAL TRANSMISSION PARTS DIAGRAM

UNDERSTANDING THE SUBARU MANUAL TRANSMISSION PARTS DIAGRAM: A COMPREHENSIVE GUIDE

SUBARU MANUAL TRANSMISSION PARTS DIAGRAM IS AN ESSENTIAL RESOURCE FOR ANY SUBARU OWNER WHO VALUES THE ENGAGEMENT AND CONTROL OF A MANUAL GEARBOX. WHETHER YOU'RE A SEASONED DIY MECHANIC OR SIMPLY CURIOUS ABOUT HOW YOUR SUBARU'S CLUTCH AND GEARBOX WORK, A DETAILED DIAGRAM IS YOUR ROADMAP TO UNDERSTANDING ITS INTRICATE COMPONENTS. THIS GUIDE WILL DELVE DEEP INTO THE TYPICAL COMPONENTS FOUND IN A SUBARU MANUAL TRANSMISSION PARTS DIAGRAM, COVERING EVERYTHING FROM THE CLUTCH ASSEMBLY AND GEARBOX INTERNALS TO THE SHIFT MECHANISM AND RELATED HARDWARE. WE'LL EXPLORE THE PURPOSE OF EACH MAJOR ASSEMBLY AND DISCUSS COMMON WEAR ITEMS AND POTENTIAL MAINTENANCE POINTS, EMPOWERING YOU WITH THE KNOWLEDGE TO IDENTIFY PARTS, TROUBLESHOOT ISSUES, AND EVEN TACKLE MINOR REPAIRS WITH CONFIDENCE. UNDERSTANDING THESE DIAGRAMS IS NOT JUST ABOUT MECHANICS; IT'S ABOUT APPRECIATING THE ENGINEERING THAT MAKES YOUR SUBARU A JOY TO DRIVE.

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INTRODUCTION TO SUBARU MANUAL TRANSMISSIONS

SUBARU'S COMMITMENT TO DRIVER ENGAGEMENT IS PERHAPS BEST EXEMPLIFIED BY ITS CONTINUED OFFERING OF MANUAL TRANSMISSIONS ACROSS MANY OF ITS POPULAR MODELS. THESE GEARBOXES, OFTEN REFERRED TO AS STICK SHIFTS, PROVIDE A DIRECT CONNECTION BETWEEN THE DRIVER AND THE ROAD, OFFERING A MORE VISCERAL AND INVOLVING DRIVING EXPERIENCE. UNDERSTANDING A **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** IS CRUCIAL FOR ANYONE LOOKING TO MAINTAIN, REPAIR, OR SIMPLY COMPREHEND THE MECHANICAL MARVEL THAT FACILITATES THIS ENGAGING DRIVE. A TYPICAL DIAGRAM WILL ILLUSTRATE NOT JUST THE MAIN GEARBOX HOUSING BUT ALSO THE INTRICATE NETWORK OF GEARS, SHAFTS, SYNCHRONIZERS, AND THE ASSOCIATED CLUTCH SYSTEM. THIS KNOWLEDGE IS INVALUABLE FOR DIAGNOSING ISSUES, ORDERING THE CORRECT REPLACEMENT

PARTS, AND PERFORMING ROUTINE MAINTENANCE THAT CAN PROLONG THE LIFE OF YOUR TRANSMISSION. FROM THE FLYWHEEL TO THE SHIFT KNOB, EACH COMPONENT PLAYS A VITAL ROLE IN TRANSFERRING POWER FROM THE ENGINE TO THE WHEELS.

THE CLUTCH ASSEMBLY: CONNECTING ENGINE TO TRANSMISSION

THE CLUTCH ASSEMBLY IS THE CRUCIAL INTERMEDIARY BETWEEN THE ENGINE'S ROTATING CRANKSHAFT AND THE INPUT SHAFT OF THE MANUAL TRANSMISSION. ITS PRIMARY FUNCTION IS TO ENGAGE AND DISENGAGE THE FLOW OF POWER, ALLOWING FOR SMOOTH GEAR CHANGES AND STOPPING THE VEHICLE WITHOUT STALLING THE ENGINE. A **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** WILL OFTEN SHOW THE CLUTCH COMPONENTS AS A DISTINCT SECTION, HIGHLIGHTING THEIR DIRECT INTERFACE WITH THE FLYWHEEL AND TRANSMISSION BELL HOUSING.

KEY COMPONENTS OF THE CLUTCH ASSEMBLY

WHEN EXAMINING A SUBARU MANUAL TRANSMISSION PARTS DIAGRAM, YOU'LL CONSISTENTLY FIND SEVERAL CORE COMPONENTS THAT MAKE UP THE CLUTCH SYSTEM:

- **FLYWHEEL:** BOLTED TO THE ENGINE'S CRANKSHAFT, THE FLYWHEEL PROVIDES A SMOOTH SURFACE FOR THE CLUTCH DISC AND HELPS STORE ROTATIONAL ENERGY.
- **CLUTCH DISC:** THIS IS THE FRICTION MATERIAL THAT ENGAGES WITH THE FLYWHEEL AND PRESSURE PLATE. IT'S SPLINED TO THE TRANSMISSION'S INPUT SHAFT.
- **PRESSURE PLATE:** BOLTED TO THE FLYWHEEL, THE PRESSURE PLATE CLAMPS THE CLUTCH DISC AGAINST THE FLYWHEEL WHEN ENGAGED. IT CONTAINS A DIAPHRAGM SPRING THAT ALLOWS FOR DISENGAGEMENT.
- **THROW-OUT BEARING (RELEASE BEARING):** THIS BEARING IS ACTUATED BY THE CLUTCH FORK AND PRESSES AGAINST THE DIAPHRAGM SPRING OF THE PRESSURE PLATE TO DISENGAGE THE CLUTCH.
- **CLUTCH FORK (RELEASE FORK):** A LEVER THAT PIVOTS TO PUSH THE THROW-OUT BEARING AGAINST THE PRESSURE PLATE.
- **PILOT BEARING/BUSHING:** LOCATED IN THE END OF THE CRANKSHAFT, THIS SMALL BEARING SUPPORTS THE TIP OF THE TRANSMISSION INPUT SHAFT WHEN THE CLUTCH IS DISENGAGED.
- **CLUTCH SLAVE CYLINDER:** FOR HYDRAULIC CLUTCH SYSTEMS, THIS CYLINDER IS ACTUATED BY HYDRAULIC PRESSURE FROM THE MASTER CYLINDER AND PUSHES THE CLUTCH FORK.
- **CLUTCH MASTER CYLINDER:** ALSO PART OF A HYDRAULIC SYSTEM, THIS CYLINDER IS CONNECTED TO THE CLUTCH PEDAL AND GENERATES THE HYDRAULIC PRESSURE NEEDED TO OPERATE THE SLAVE CYLINDER.

THE GEARBOX (TRANSMISSION CASE) AND ITS INTERNALS

THE GEARBOX, OR TRANSMISSION CASE, IS THE HOUSING THAT ENCLOSES THE INTRICATE GEAR SETS, SHAFTS, AND SYNCHRONIZERS RESPONSIBLE FOR ALTERING THE GEAR RATIOS AND DELIVERING POWER TO THE DRIVETRAIN. A DETAILED **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** WILL METICULOUSLY ILLUSTRATE THE INTERNAL LAYOUT, REVEALING THE PRECISE ARRANGEMENT OF THESE COMPONENTS. THE TRANSMISSION CASE ITSELF IS TYPICALLY MADE OF CAST IRON OR ALUMINUM AND IS DESIGNED TO WITHSTAND THE SIGNIFICANT FORCES GENERATED DURING OPERATION.

INTERNAL GEARBOX COMPONENTS EXPLAINED

WITHIN THE TRANSMISSION CASE, A COMPLEX SYSTEM OF PARTS WORKS IN HARMONY. UNDERSTANDING THESE COMPONENTS FROM A DIAGRAM IS KEY TO DIAGNOSING ISSUES:

- **INPUT SHAFT:** THIS SHAFT RECEIVES ROTATIONAL POWER FROM THE ENGINE VIA THE CLUTCH DISC. IT HAS SPLINES TO HOLD THE CLUTCH DISC AND GEARS.
- **COUNTERSHAFT (LAYSHAFT):** THIS SHAFT IS DRIVEN BY THE INPUT SHAFT AND CARRIES VARIOUS GEARS THAT MESH WITH GEARS ON THE OUTPUT SHAFT.
- **OUTPUT SHAFT:** THIS SHAFT TRANSMITS THE ROTATIONAL POWER, AT THE SELECTED GEAR RATIO, TO THE DIFFERENTIAL. IT ALSO CARRIES GEARS THAT MESH WITH THE COUNTERSHAFT GEARS.
- **GEARS:** THESE ARE TOOTHED WHEELS OF VARYING SIZES THAT MESH TOGETHER TO CREATE DIFFERENT GEAR RATIOS. IN A SUBARU MANUAL TRANSMISSION, YOU'LL FIND GEARS FOR EACH FORWARD GEAR (1ST, 2ND, 3RD, 4TH, 5TH, AND SOMETIMES 6TH) AND REVERSE.
- **SHIFT FORKS:** THESE FORKS ENGAGE WITH THE SYNCHRONIZER SLEEVES TO MOVE THEM AND SELECT SPECIFIC GEARS.
- **SHIFT RAILS (SELECTOR RODS):** THESE RODS ARE MOVED BY THE EXTERNAL SHIFT MECHANISM AND CARRY THE SHIFT FORKS.

THE SHIFT MECHANISM: ENGAGING THE GEARS

THE SHIFT MECHANISM IS THE DRIVER'S INTERFACE WITH THE INTERNAL WORKINGS OF THE TRANSMISSION, ALLOWING FOR THE SELECTION OF DIFFERENT GEARS. THIS SYSTEM TRANSLATES THE MOVEMENT OF THE SHIFT LEVER INTO THE PRECISE ACTIONS REQUIRED TO ENGAGE THE DESIRED GEAR RATIO. A **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** WILL OFTEN SHOW THIS SYSTEM BOTH EXTERNALLY (THE SHIFT LEVER AND LINKAGES) AND INTERNALLY (SHIFT FORKS AND RAILS).

COMPONENTS OF THE SHIFT SYSTEM

THE COMPONENTS INVOLVED IN THE SHIFTING PROCESS INCLUDE:

- **SHIFT LEVER:** THE MOST VISIBLE PART, MANIPULATED BY THE DRIVER.
- **SHIFT CABLES OR LINKAGES:** THESE CONNECT THE SHIFT LEVER TO THE TRANSMISSION'S INTERNAL SHIFT MECHANISM.
- **SHIFT GATE PLATE:** THIS PLATE GUIDES THE SHIFT LEVER THROUGH THE DIFFERENT GEAR POSITIONS.
- **INTERNAL SHIFT FORKS AND RAILS:** AS MENTIONED EARLIER, THESE ARE RESPONSIBLE FOR PHYSICALLY MOVING THE SYNCHRONIZER SLEEVES TO ENGAGE GEARS.

SYNCHRONIZERS AND THEIR ROLE

SYNCHRONIZERS ARE VITAL COMPONENTS THAT ENSURE SMOOTH AND QUIET GEAR CHANGES. THEIR PRIMARY FUNCTION IS TO MATCH THE ROTATIONAL SPEED OF THE GEAR YOU'RE SELECTING TO THE SPEED OF THE OUTPUT SHAFT BEFORE THE ENGAGEMENT

COLLAR LOCKS THEM TOGETHER. WITHOUT SYNCHRONIZERS, GEARS WOULD GRIND LOUDLY DURING SHIFTS. A **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** WILL OFTEN HIGHLIGHT THE SYNCHRONIZER RINGS, BLOCKER RINGS, AND ENGAGEMENT SLEEVES, AS THEY ARE CRITICAL FOR THE TRANSMISSION'S OPERATION.

BEARINGS AND SEALS: ENSURING SMOOTH OPERATION

WHILE NOT ALWAYS THE MOST GLAMOROUS COMPONENTS, BEARINGS AND SEALS ARE ABSOLUTELY CRITICAL FOR THE LONGEVITY AND SMOOTH OPERATION OF ANY SUBARU MANUAL TRANSMISSION. BEARINGS SUPPORT THE ROTATING SHAFTS, REDUCING FRICTION AND ALLOWING THEM TO SPIN FREELY. SEALS PREVENT THE TRANSMISSION FLUID FROM LEAKING OUT AND CONTAMINANTS FROM ENTERING THE GEARBOX.

COMMON BEARING AND SEAL LOCATIONS

A COMPREHENSIVE **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** WILL DEPICT THE VARIOUS BEARINGS AND SEALS STRATEGICALLY PLACED THROUGHOUT THE TRANSMISSION:

- **INPUT SHAFT BEARINGS:** SUPPORT THE INPUT SHAFT WHERE IT ENTERS THE TRANSMISSION CASE.
- **COUNTERSHAFT BEARINGS:** SUPPORT THE COUNTERSHAFT.
- **OUTPUT SHAFT BEARINGS:** SUPPORT THE OUTPUT SHAFT.
- **INPUT SHAFT SEAL:** PREVENTS FLUID FROM LEAKING AROUND THE INPUT SHAFT.
- **OUTPUT SHAFT SEALS:** PREVENT FLUID LEAKAGE WHERE THE OUTPUT SHAFT EXITS THE TRANSMISSION.
- **SHIFT SHAFT SEALS:** PREVENT FLUID LEAKAGE AROUND THE EXTERNAL SHIFT SHAFT.

MAINTENANCE AND COMMON WEAR ITEMS

REGULAR MAINTENANCE IS KEY TO PREVENTING PREMATURE WEAR ON YOUR SUBARU'S MANUAL TRANSMISSION. UNDERSTANDING THE COMMON WEAR ITEMS HIGHLIGHTED BY A **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** CAN HELP YOU ANTICIPATE POTENTIAL ISSUES AND ADDRESS THEM PROACTIVELY. THE CLUTCH DISC, THROW-OUT BEARING, AND SYNCHRONIZERS ARE TYPICALLY THE MOST COMMON WEAR ITEMS IN A MANUAL TRANSMISSION.

PROACTIVE MAINTENANCE TIPS

- REGULARLY CHECK AND MAINTAIN THE CLUTCH FLUID LEVEL IF YOUR SUBARU HAS A HYDRAULIC CLUTCH SYSTEM.
- INSPECT THE CLUTCH PEDAL FOR ANY SIGNS OF LOOSENESS OR UNUSUAL FEEL.
- CHANGE TRANSMISSION FLUID AT RECOMMENDED INTERVALS ACCORDING TO YOUR SUBARU OWNER'S MANUAL. THIS HELPS LUBRICATE ALL INTERNAL COMPONENTS AND PREVENT WEAR.
- WHEN PERFORMING CLUTCH REPAIRS, IT'S OFTEN RECOMMENDED TO REPLACE THE THROW-OUT BEARING AND PILOT

BEARING/BUSHING SIMULTANEOUSLY.

- LISTEN FOR ANY UNUSUAL NOISES COMING FROM THE TRANSMISSION, ESPECIALLY DURING ENGAGEMENT OR SHIFTING.

FINDING THE RIGHT SUBARU MANUAL TRANSMISSION PARTS

WHEN IT'S TIME TO REPLACE A COMPONENT, HAVING ACCESS TO A CLEAR AND ACCURATE **SUBARU MANUAL TRANSMISSION PARTS DIAGRAM** IS INVALUABLE. THESE DIAGRAMS ALLOW YOU TO IDENTIFY THE EXACT PART NUMBER AND ENSURE YOU ARE ORDERING THE CORRECT COMPONENT FOR YOUR SPECIFIC SUBARU MODEL AND YEAR. WHETHER YOU'RE SOURCING PARTS FOR A ROUTINE SERVICE OR A MORE INVOLVED REPAIR, UTILIZING THESE DIAGRAMS WILL SAVE YOU TIME, PREVENT COSTLY MISTAKES, AND ENSURE THE INTEGRITY OF YOUR MANUAL TRANSMISSION.

FREQUENTLY ASKED QUESTIONS

WHAT ARE THE MOST COMMONLY REPLACED SUBARU MANUAL TRANSMISSION PARTS?

COMMONLY REPLACED SUBARU MANUAL TRANSMISSION PARTS INCLUDE THE CLUTCH DISC, PRESSURE PLATE, THROW-OUT BEARING, PILOT BEARING/BUSHING, AND SOMETIMES SHIFT FORKS OR SYNCHRO RINGS. WEAR AND TEAR, ESPECIALLY ON THE CLUTCH COMPONENTS, IS THE PRIMARY REASON FOR REPLACEMENT.

WHERE CAN I FIND A SUBARU MANUAL TRANSMISSION PARTS DIAGRAM FOR MY SPECIFIC MODEL AND YEAR?

RELIABLE SOURCES INCLUDE OFFICIAL SUBARU DEALERSHIP PARTS WEBSITES, DEDICATED SUBARU PARTS RETAILERS (ONLINE AND BRICK-AND-MORTAR), AND ENTHUSIAST FORUMS THAT OFTEN LINK TO OR HOST THESE DIAGRAMS. ALWAYS ENSURE YOU HAVE YOUR VIN HANDY FOR PRECISE PART IDENTIFICATION.

WHAT'S THE DIFFERENCE BETWEEN A PILOT BEARING AND A THROW-OUT BEARING IN A SUBARU MANUAL TRANSMISSION DIAGRAM?

THE PILOT BEARING (OR BUSHING) IS LOCATED AT THE END OF THE CRANKSHAFT AND SUPPORTS THE INPUT SHAFT OF THE TRANSMISSION. THE THROW-OUT BEARING (ALSO CALLED RELEASE BEARING) IS PART OF THE CLUTCH ASSEMBLY AND DISENGAGES THE CLUTCH WHEN YOU PRESS THE CLUTCH PEDAL.

HOW DO I INTERPRET A SUBARU MANUAL TRANSMISSION PARTS DIAGRAM TO IDENTIFY INDIVIDUAL COMPONENTS?

DIAGRAMS TYPICALLY USE NUMBERED CALLOUTS THAT CORRESPOND TO A PARTS LIST. THE LIST WILL PROVIDE THE PART NAME, PART NUMBER, AND SOMETIMES A DESCRIPTION. FAMILIARIZE YOURSELF WITH THE VISUAL REPRESENTATION OF EACH COMPONENT AND ITS LOCATION WITHIN THE TRANSMISSION ASSEMBLY.

ARE THERE SPECIFIC DIAGRAMS FOR DIFFERENT SUBARU MANUAL TRANSMISSION TYPES (E.G., 5-SPEED VS. 6-SPEED)?

YES, ABSOLUTELY. SUBARU HAS USED VARIOUS MANUAL TRANSMISSION MODELS OVER THE YEARS, EACH WITH ITS OWN UNIQUE DESIGN AND CORRESPONDING PARTS DIAGRAM. IT'S CRUCIAL TO LOCATE THE DIAGRAM SPECIFIC TO YOUR TRANSMISSION'S DESIGNATION (E.G., TY75 FOR SOME 5-SPEEDS, TZ FOR OTHERS, ETC.) AND MODEL YEAR.

WHAT INFORMATION IS ESSENTIAL TO HAVE BEFORE LOOKING UP A SUBARU MANUAL TRANSMISSION PARTS DIAGRAM?

THE MOST CRITICAL INFORMATION IS YOUR SUBARU'S YEAR, MAKE, MODEL, AND IDEALLY, ITS VEHICLE IDENTIFICATION NUMBER (VIN). KNOWING THE SPECIFIC TRANSMISSION TYPE OR CODE (IF YOU CAN FIND IT) WILL ALSO GREATLY IMPROVE ACCURACY.

CAN I USE PARTS DIAGRAMS TO DIAGNOSE COMMON SUBARU MANUAL TRANSMISSION PROBLEMS?

YES, PARTS DIAGRAMS CAN BE HELPFUL IN DIAGNOSING PROBLEMS. BY UNDERSTANDING HOW THE COMPONENTS ARE ARRANGED AND THEIR FUNCTION, YOU CAN INFER WHICH PARTS MIGHT BE FAILING BASED ON SYMPTOMS LIKE GRINDING GEARS, CLUTCH SLIPPAGE, OR DIFFICULTY SHIFTING. HOWEVER, PROFESSIONAL DIAGNOSIS IS ALWAYS RECOMMENDED FOR COMPLEX ISSUES.

WHAT ARE THE MAIN ASSEMBLIES SHOWN IN A TYPICAL SUBARU MANUAL TRANSMISSION PARTS DIAGRAM?

A TYPICAL DIAGRAM WILL BREAK DOWN THE TRANSMISSION INTO MAJOR ASSEMBLIES SUCH AS THE MAIN CASE, GEAR SETS (INPUT, OUTPUT, REVERSE, ETC.), SYNCHRONIZER RINGS, SHIFT FORKS AND LEVERS, CLUTCH HOUSING, AND EXTERNAL COMPONENTS LIKE THE SHIFT LINKAGE AND SPEED SENSOR.

ARE SUBARU OEM MANUAL TRANSMISSION PARTS DIAGRAMS READILY AVAILABLE TO THE PUBLIC?

YES, WHILE SOMETIMES REQUIRING A BIT OF SEARCHING, SUBARU OEM PARTS DIAGRAMS ARE GENERALLY ACCESSIBLE THROUGH AUTHORIZED DEALERSHIPS AND REPUTABLE ONLINE SUBARU PARTS RETAILERS. MANY ENTHUSIAST WEBSITES ALSO CURATE AND SHARE THESE DIAGRAMS.

ADDITIONAL RESOURCES

HERE ARE 9 BOOK TITLES RELATED TO SUBARU MANUAL TRANSMISSION PARTS DIAGRAMS, WITH SHORT DESCRIPTIONS:

- 1. SUBARU IMPREZA WRX: DRIVETRAIN & TRANSMISSION OVERHAUL MANUAL**
THIS COMPREHENSIVE GUIDE DELVES DEEP INTO THE INTRICACIES OF THE SUBARU IMPREZA WRX'S MANUAL TRANSMISSION SYSTEM. IT PROVIDES DETAILED, STEP-BY-STEP DIAGRAMS AND INSTRUCTIONS FOR DISASSEMBLY, INSPECTION, REPAIR, AND REASSEMBLY. MECHANICS AND ENTHUSIASTS WILL FIND THIS ESSENTIAL FOR UNDERSTANDING THE FUNCTION AND INTERRELATIONSHIPS OF EVERY COMPONENT, ENSURING PROPER MAINTENANCE AND PERFORMANCE.
- 2. FORESTER FT: GEARBOX COMPONENT IDENTIFICATION AND SERVICE GUIDE**
FOCUSING ON THE SUBARU FORESTER'S MANUAL GEARBOX, THIS BOOK OFFERS A CLEAR BREAKDOWN OF EACH INDIVIDUAL PART. EXPLODED DIAGRAMS ARE A KEY FEATURE, ILLUSTRATING THE EXACT LOCATION AND FUNCTION OF GEARS, SYNCHROS, BEARINGS, AND SEALS. IT SERVES AS A VALUABLE RESOURCE FOR DIAGNOSING COMMON TRANSMISSION ISSUES AND PERFORMING PRECISE REPAIRS.
- 3. BRZ & TOYOTA 86: A MANUAL TRANSMISSION COMPONENT ATLAS**
THIS TITLE EXPLORES THE SHARED MANUAL TRANSMISSION FOUND IN THE SUBARU BRZ AND TOYOTA 86. IT PRESENTS HIGHLY DETAILED ILLUSTRATIONS AND PART NUMBERS, MAKING IT EASY TO IDENTIFY SPECIFIC COMPONENTS FOR REPLACEMENT OR UPGRADE. THE BOOK IS IDEAL FOR ANYONE LOOKING TO UNDERSTAND THE ASSEMBLY AND OPERATIONAL FLOW OF THIS POPULAR SPORTS CAR GEARBOX.
- 4. LEGACY GT: TRANSMISSION INTERNAL STRUCTURE EXPLAINED**
THIS MANUAL OFFERS AN IN-DEPTH LOOK AT THE INTERNAL WORKINGS OF THE SUBARU LEGACY GT'S MANUAL TRANSMISSION. IT FEATURES INTRICATE DIAGRAMS THAT CLEARLY DEPICT THE MESHING OF GEARS, THE OPERATION OF SHIFT FORKS, AND THE CRITICAL ROLE OF BEARINGS. UNDERSTANDING THESE INTERNAL RELATIONSHIPS IS PARAMOUNT FOR ACCURATE TROUBLESHOOTING AND REPAIR.

5. SUBARU BAJA TURBO: CLUTCH AND DRIVETRAIN ASSEMBLY SCHEMATICS

SPECIFICALLY DESIGNED FOR THE SUBARU BAJA TURBO, THIS BOOK CONCENTRATES ON THE CLUTCH SYSTEM AND ITS INTEGRATION WITH THE MANUAL TRANSMISSION. IT PROVIDES DETAILED SCHEMATICS OF THE CLUTCH ASSEMBLY, FLYWHEEL, PRESSURE PLATE, AND RELEASE BEARING, ALONGSIDE TRANSMISSION DIAGRAM. THIS RESOURCE IS CRUCIAL FOR OWNERS PERFORMING CLUTCH REPLACEMENTS OR ADDRESSING DRIVETRAIN RELATED PROBLEMS.

6. XV CROSSTREK: MANUAL TRANSMISSION EXPLODED VIEWS AND PARTS CATALOG

THIS GUIDE OFFERS A HIGHLY VISUAL APPROACH TO THE SUBARU XV CROSSTREK'S MANUAL TRANSMISSION. IT FEATURES NUMEROUS EXPLODED VIEW DIAGRAMS, ALLOWING USERS TO SEE HOW ALL THE PARTS FIT TOGETHER. A COMPREHENSIVE PARTS CATALOG SECTION ASSISTS IN IDENTIFYING AND ORDERING THE CORRECT COMPONENTS FOR ANY REPAIR OR REBUILD.

7. OUTBACK SPORT: GEARBOX REBUILD ILLUSTRATED

TARGETED AT OWNERS OF THE SUBARU OUTBACK SPORT, THIS BOOK PROVIDES AN ILLUSTRATED WALKTHROUGH OF A MANUAL TRANSMISSION REBUILD. EACH DIAGRAM IS ACCOMPANIED BY CLEAR EXPLANATIONS, GUIDING THE READER THROUGH THE PROCESS OF REPLACING WORN PARTS AND REASSEMBLING THE GEARBOX CORRECTLY. IT'S AN EXCELLENT RESOURCE FOR DIY MECHANICS AIMING FOR A SUCCESSFUL TRANSMISSION OVERHAUL.

8. STI: PERFORMANCE MANUAL TRANSMISSION COMPONENT ANALYSIS

THIS SPECIALIZED TITLE DELVES INTO THE HIGH-PERFORMANCE MANUAL TRANSMISSION FOUND IN SUBARU STI MODELS. IT FOCUSES ON THE SPECIFIC COMPONENTS THAT DIFFER FROM STANDARD TRANSMISSIONS, OFFERING DETAILED DIAGRAMS AND ANALYSIS OF THEIR STRENGTHS AND LIMITATIONS. THE BOOK IS ESSENTIAL FOR THOSE LOOKING TO MAINTAIN, UPGRADE, OR REPAIR THEIR STI'S PERFORMANCE-ORIENTED GEARBOX.

9. TRIBECA: AWD MANUAL TRANSMISSION PART IDENTIFICATION GUIDE

THIS GUIDE IS TAILORED TO THE AWD MANUAL TRANSMISSION FOUND IN THE SUBARU TRIBECA. IT PROVIDES CLEAR PART IDENTIFICATION DIAGRAMS, HELPING OWNERS DISTINGUISH BETWEEN VARIOUS GEARS, SHAFTS, AND HOUSING COMPONENTS. THE BOOK IS INVALUABLE FOR THOSE NEEDING TO IDENTIFY SPECIFIC PARTS FOR MAINTENANCE OR REPLACEMENT ON THIS LESS COMMON SUBARU MODEL.

Subaru Manual Transmission Parts Diagram

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